TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL
LABORATORY NUMBER: IQK1433
PROJECT: PHASE 2 SAMPLING TRONOX
20072263V1 PARCEL D RINSATE

SAMPLED: 11/13/07

17461 Derian Avenue, Ste. 100 Irvine, CA 92614 **tel** 949.261.1022 **fax** 949.260.3297 **www.testamericainc.com**

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CASE NARRATIVE

Client:	STL - St. Louis	**Date Sampled:**	11/13/2007
Project:	Phase 2 Sampling Tronox 20072263V1 Parcel D Rinsate	**Date Received:**	11/14/2007
Lab:	IQK1433		

SAMPLE RECEIPT: Samples were received intact, on ice, and with chain of custody documentation. The sample temperature was measured at 3° C upon receipt at the laboratory.

HOLDING TIMES: EPA 7196A sample IQK1433-01 was received and analyzed past method holding time.

PROBLEMS ENCOUNTERED: No problems were encountered.

QA/QC CRITERIA: Calibration Verification recovery for 2,2'-/4,4'-Dichlorobenzil was above the method control limit for EPA 8270C sample IQK1433-01. The analyte was not detected in the sample, therefore the data was not impacted.

There was no MS/MSD analyzed with EPA 8270C QC batch 7K15059 due to insufficient sample volume. See LCS/LCSD.

OBSERVATIONS: Results that fall between the MDL and RL are 'J' flagged.

TestAmerica - Irvine, CA

Joseph Doak
Project Manager
agm

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LABORATORY REPORT

Prepared For: STL - St. Louis, MO (Sub)
13715 Rider Trail North
Earth City, MO 63045
Attention: Jerry Everett

Project: Phase 2 Sampling Tronox
20072263V1 Parcel D Rinsate

Sampled: 11/13/07
Received: 11/14/07
Issued: 11/26/07 14:12

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQK1433-01	Rinsate 2	Water

Reviewed By:

TestAmerica - Irvine, CA

Trupti Mistry For Joseph Doak
Project Manager

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CHAIN OF CUSTODY FORM

ERM CHAIN OF CUSTODY RECORD

K1433

IGK1433

LABORATORY: TestAmerica-Irvine
Contact Person: Nicholas Marz
Address: 1014 E. Cooley Drive, Ste A
Colton, CA 92324
Phone: (949) 261-1022

Date: 11-13-07

ANALYSIS REQUEST

MD

& AND (D) Rinsate

Container

H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	Hex Chrome 7196	Dichlorobenzil 8270C	Chlorite 300.1	
					X	X	X	X	
					X	X	X	X	raw

* Parcel D
* ERM Project # 0069073

	Print Name:	Company Name/Title:	Date:	Time:
	Adrianne Watkins	CES/Staff Scientist	11-13-07	3:00
O	Stu Styles	TA-Ontario	11/14/07	9:45
	Stu Styles	TA-Ontario/CSm	11/14/07	9:45 →

3°C

COPIES: Retained by Sampler, Sent to Office

4/07 11:55

#318

RG 11.14.07
1350

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QA/QC PACKAGE: LEVEL IV
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ANALYTICAL REPORT

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Project ID: Phase 2 Sampling Tronox
20072263V1 Parcel D Rinsate
Report Number: IQK1433

Sampled: 11/13/07
Received: 11/14/07

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1433-01 (Rinsate 2 - Water)									
Reporting Units: ug/l									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K15059	1.9	9.4	ND	0.943	11/15/07	11/19/07	C
Surrogate: 2-Fluorophenol (30-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*66 %*				
Surrogate: 2,4,6-Tribromophenol (40-120%)					*90 %*				
Surrogate: Nitrobenzene-d5 (40-120%)					*72 %*				
Surrogate: 2-Fluorobiphenyl (45-120%)					*79 %*				
Surrogate: Terphenyl-d14 (45-120%)					*99 %*				

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Trupti Mistry For Joseph Doak
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INORGANICS

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1433-01 (Rinsate 2 - Water) - cont.									
Reporting Units: mg/l									
Chromium VI	EPA 7196A	7K14154	0.0040	0.025	**0.0046**	1	11/14/07	11/14/07	H3, J
Sample ID: IQK1433-01 (Rinsate 2 - Water)									
Reporting Units: ug/l									
Chlorite	EPA 300.1	7K19102	4.0	20	ND	1	11/19/07	11/21/07	

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Sampled: 11/13/07
Received: 11/14/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Rinsate 2 (IQK1433-01) - Water					
EPA 7196A	1	11/13/2007 14:50	11/14/2007 11:55	11/14/2007 20:00	11/14/2007 20:47

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PREPARED FOR: STL
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20072263V1 PARCEL D RINSATE

QUALITY CONTROL SUMMARY

- METHOD BLANK
- MS/MSD DATA REPORT
- LCS DATA REPORT

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K15059 Extracted: 11/15/07											
Blank Analyzed: 11/19/2007 (7K15059-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	10	2.0	ug/l							
Surrogate: 2-Fluorophenol	*142*			*ug/l*	*200*		*71*	*30-120*			
Surrogate: Phenol-d6	*172*			*ug/l*	*200*		*86*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*152*			*ug/l*	*200*		*76*	*40-120*			
Surrogate: Nitrobenzene-d5	*73.1*			*ug/l*	*100*		*73*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*82.5*			*ug/l*	*100*		*82*	*45-120*			
Surrogate: Terphenyl-d14	*82.0*			*ug/l*	*100*		*82*	*45-120*			
LCS Analyzed: 11/19/2007 (7K15059-BS1)											**MNR1**
2,2'-/4,4'-Dichlorobenzil	109	10	2.0	ug/l	100		109	50-130			
Surrogate: 2-Fluorophenol	*131*			*ug/l*	*200*		*66*	*30-120*			
Surrogate: Phenol-d6	*152*			*ug/l*	*200*		*76*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*182*			*ug/l*	*200*		*91*	*40-120*			
Surrogate: Nitrobenzene-d5	*75.9*			*ug/l*	*100*		*76*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*86.6*			*ug/l*	*100*		*87*	*45-120*			
Surrogate: Terphenyl-d14	*89.9*			*ug/l*	*100*		*90*	*45-120*			
LCS Dup Analyzed: 11/19/2007 (7K15059-BSD1)											
2,2'-/4,4'-Dichlorobenzil	110	10	2.0	ug/l	100		110	50-130	1	30	
Surrogate: 2-Fluorophenol	*138*			*ug/l*	*200*		*69*	*30-120*			
Surrogate: Phenol-d6	*162*			*ug/l*	*200*		*81*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*177*			*ug/l*	*200*		*89*	*40-120*			
Surrogate: Nitrobenzene-d5	*75.2*			*ug/l*	*100*		*75*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*83.6*			*ug/l*	*100*		*84*	*45-120*			
Surrogate: Terphenyl-d14	*89.5*			*ug/l*	*100*		*90*	*45-120*			

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Received: 11/14/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K14154 Extracted: 11/14/07											
Blank Analyzed: 11/14/2007 (7K14154-BLK1)											
Chromium VI	ND	0.025	0.0040	mg/l							
LCS Analyzed: 11/14/2007 (7K14154-BS1)											
Chromium VI	0.0981	0.025	0.0040	mg/l	0.100		98	90-110			
Matrix Spike Analyzed: 11/14/2007 (7K14154-MS1)						**Source: IQK1433-01**					
Chromium VI	0.318	0.025	0.0040	mg/l	0.300	0.00455	104	85-115			
Matrix Spike Dup Analyzed: 11/14/2007 (7K14154-MSD1)						**Source: IQK1433-01**					
Chromium VI	0.314	0.025	0.0040	mg/l	0.300	0.00455	103	85-115	1	20	
Batch: 7K19102 Extracted: 11/19/07											
Blank Analyzed: 11/19/2007 (7K19102-BLK1)											
Chlorite	ND	20	4.0	ug/l							
LCS Analyzed: 11/19/2007 (7K19102-BS1)											
Chlorite	96.5	20	4.0	ug/l	100		97	75-125			
Matrix Spike Analyzed: 11/20/2007 (7K19102-MS1)						**Source: IQK1075-15**					
Chlorite	103	20	4.0	ug/l	100	ND	103	75-125			
Matrix Spike Analyzed: 11/21/2007 (7K19102-MS2)						**Source: IQK1433-01**					
Chlorite	94.6	20	4.0	ug/l	100	ND	95	75-125			
Matrix Spike Dup Analyzed: 11/20/2007 (7K19102-MSD1)						**Source: IQK1075-15**					
Chlorite	103	20	4.0	ug/l	100	ND	103	75-125	0	25	

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Sampled: 11/13/07
Received: 11/14/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K19102 Extracted: 11/19/07											
Matrix Spike Dup Analyzed: 11/21/2007 (7K19102-MSD2)						**Source: IQK1433-01**					
Chlorite	95.9	20	4.0	ug/l	100	ND	96	75-125	1	25	

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STL - St. Louis, MO (Sub)	Project ID: Phase 2 Sampling Tronox	
13715 Rider Trail North	20072263V1 Parcel D Rinsate	Sampled: 11/13/07
Earth City, MO 63045	Report Number: IQK1433	Received: 11/14/07
Attention: Jerry Everett		

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
H3	Sample was received and analyzed past holding time.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 300.1	Water	X	X
EPA 7196A	Water	X	X
EPA 8270C	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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EPA 8270C LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA
- SAMPLE RAW DATA

GC/MS DAILY LOG SUMMARY

DATE: 11/15/07 DATAFILE: \\GCMS62\DATA\ 07NOV15

ANALYST: mm GCMS: #62 EPA METHOD: 625/8270

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN 1	***	Pass @ 8:39 am				High response - pp
2	~~50ppm Midpoint STD~~	*** 11/15/07	~~SSTD050~~ STUN2	***	pass @ 9:06 am				High response - Lower EM OK
3			STUN3	–	pass @ 9:19 am				
4	50ppm MP Std	–	SSTD050	–	KS	ICAL	Updated LB 11-15-07	11/20/07	#7110295
5	5ppm ICAL Std	–	SSTD005	–					7100428
6	10ppm	–	010	–					429
7	80ppm	–	080	–					432
8	120ppm	–	120	–					433
9	160ppm	–	160	–					434
10	2ppm	–	002	–					427
11	50ppm LCS Std	–	LCS050	–					#7090368
12									Method saved:
13									G7K15SV.M
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

Benzidine < 3 ✓ Pentachlorophenol < 5 ✓ DDT Degradation < 20 ✓

Standard Code:

DFTPP: 7100452 Internal Standard: See Above Calibration: See Above

GCMS INITIAL CALIBRATION CHECK LIST
EPA 8270C/625 – Semivolatile Organic Analysis

2nd Level Review:		Analyst:	LB
Date:	11/30/07	Analysis Date:	11-15-07
		GCMS #:	62

2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachlorophenol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD of RF: <= ±30 % for CCCs; <= ±15 % for non-CCCs.
✓	✓	• If RSD >± 15 % and r^2 >= 0.99: use linear or quadratic regression
		LCS check :
✓	✓	• After initial calibration
✓	✓	• SPCC: Minimum RF and % recovery met (refer to in-house limits)
✓	✓	• CCC: % difference from initial calibration <= 20%
✓	✓	• Other compounds: % recovery met (refer to in-house limits)
✓		**Datafile:**
	✓	Print out calibration curve (include software or calculator-generated r^2 coefficient)
✓		Generate:
	✓	• Response Factor summary sheet
✓	✓	• List compound summary sheet
✓	✓	• List compound history summary sheet
✓	✓	Print all levels with area count for all compounds
		Check all levels for:
✓	✓	• Manual integration
✓	✓	• Print data before and after integration
✓	✓	• Transcription errors
✓	✓	Calibration performed within 12-hour tuning period
✓	✓	Mint Miner Check
✓	✓	Corrective Action Report attached (if applicable)

Comments: _____

GC/MS QA-QC Check Report

Tune File : C:\GCMS62\DATA\07NOV15\STUN3.D
Tune Time : 15 Nov 2007 9:19 am

Daily Calibration File : C:\GCMS62\DATA\07NOV15\SSTD050.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 550778	(NPT) 2083970	(ANT) 976698	(PHN) 1212240	(CRY) 912561	(PRY) 511510
File	Sample	Surrogate Recovery %						Internal Standard Responses					
LCS050.D	50ppm Second	51	51	51	54	60	53	649751	2337603	1079069	1308554	914267	740140
SSTD002.D	2ppm STD #7	2*	2*	3*	4*	2*	4*	606374	2209327	1072178	1388662	947624	680634
SSTD005.D	5ppm STD #7	6*	5*	9*	12*	4*	10*	607375	2134737	950883	1212133	938664	704829
SSTD010.D	10ppm STD #	11*	10*	17*	21*	9*	20*	420231	1426725	758898	1178624	966610	671414
SSTD050.D	50ppm MP STD	52	48	86	109	55	100	550778	2083968	976698	1212235	912561	511510
SSTD080.D	80ppm STD #	85	70	134*	161*	87	165*	426944	1421884	702912	1001987	730353	535378
SSTD120.D	120ppm STD	121*	96	198*	251*	138*	222*	532474	1779269	723511	868979	736434	593285
SSTD160.D	160ppm STD	159*	121*	259*	285*	210*	275*	596251	2081350	944368	1009407	829489	770474

- fails 12hr time check * - fails criteria

Created: Thu Nov 15 16:02:06 2007 GCMS62

RESPONSE FACTOR REPORT

Operator_____
Standard Lot_____
Reviewed by_____
GCMS62

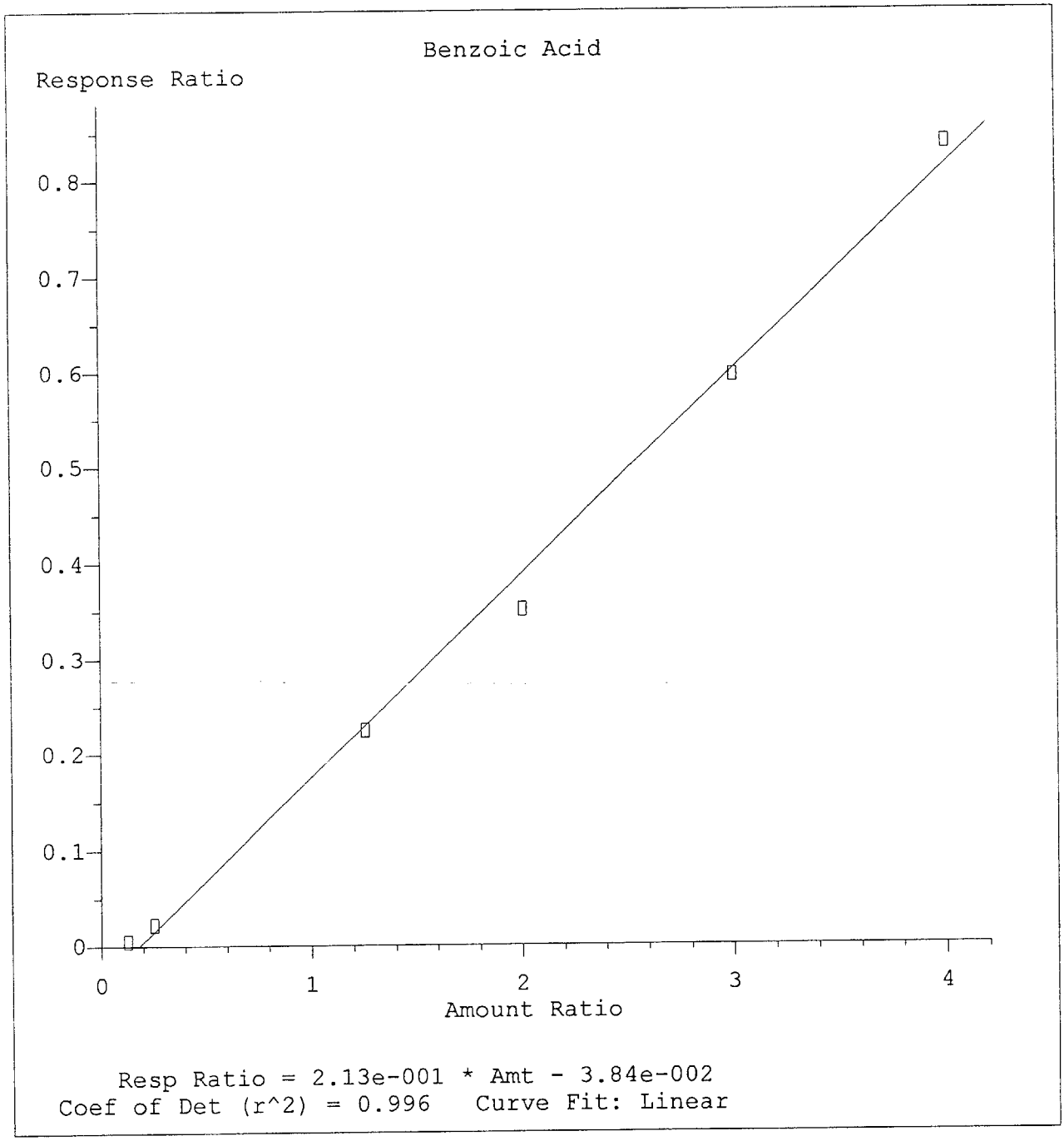
Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration

Calibration File
5 =SSTD005.D * 10 =SSTD010.D * 50 =SSTD050.D * 80 =SSTD080.D * 120 =SSTD120.D
160 =SSTD160.D * 2 =SSTD002.D * = * = * =

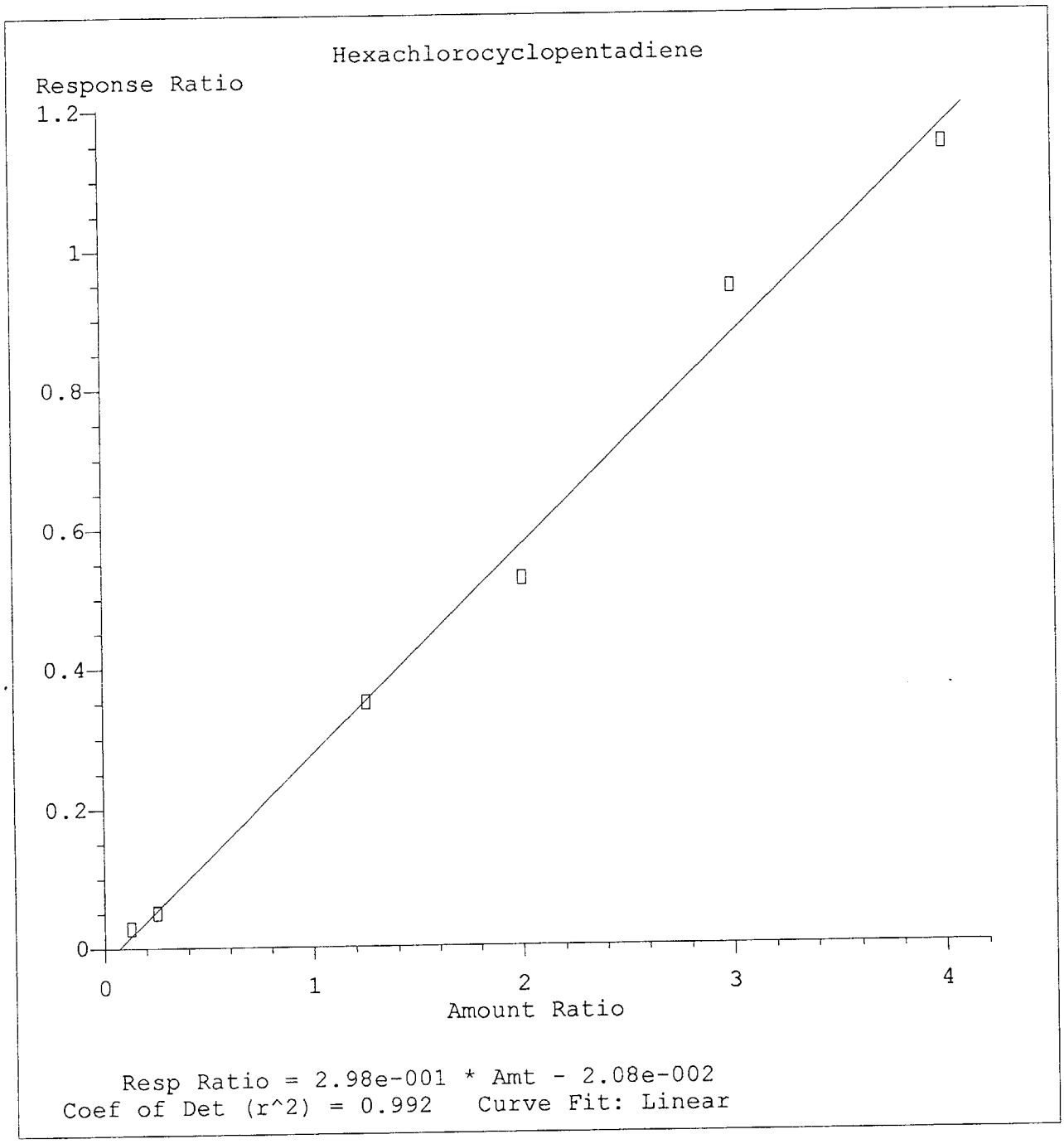
	COMPOUND	5	10	50	80	120	160	2	AVG	%RSD
I	1,4-Dichlorobenzene-d4 (IS)	ISTD							1.615	4.89
S	2-Fluorophenol (SU)	1.712	1.720	1.606	1.640	1.549	1.526	1.551	1.744	6.25
T	Pyridine	1.849	1.884	1.766	1.791	1.667	1.672	1.580	1.069	6.10
T	n-Nitrosodimethylamine	1.175	1.122	1.078	1.056	0.996	0.993	1.064	1.556	10.17
T	bis(2-Chloroethyl)ether	1.730	1.603	1.664	1.509	1.400	1.305	1.684	2.186	13.78
T	Aniline	2.577	2.335	2.229	2.009	1.854	1.817	2.484	1.745	13.17
S	Phenol-d6 (SU)	2.038	1.861	1.811	1.650	1.499	1.419	1.938	1.995	13.15
CM	Phenol	2.321	2.151	2.012	1.850	1.740	1.636	2.254	1.423	6.79
M	2-Chlorophenol	1.549	1.435	1.489	1.398	1.331	1.274	1.487	1.290	14.27
T	n-Decane	1.385	1.526	1.225	1.227	0.993		1.381	1.607	8.10
T	1,3-Dichlorobenzene	1.761	1.721	1.607	1.582	1.470	1.413	1.696	1.586	10.86
CM	1,4-Dichlorobenzene	1.752	1.741	1.597	1.564	1.420	1.304	1.725	1.431	14.55
T	1,2-Dichlorobenzene	1.637	1.562	1.525	1.437	1.254	1.049	1.553	0.842	10.04
T	Benzyl alcohol	0.925	0.819	0.964	0.841	0.774	0.716	0.853	1.273	10.91
T	bis(2-chloroisopropyl)ether	1.364	1.278	1.414	1.239	1.145	1.052	1.419	1.038	9.34
T	2-Methylphenol	1.150	1.034	1.113	0.999	0.951	0.893	1.128	0.547	13.43
T	Hexachloroethane	0.622	0.608	0.558	0.545	0.463	0.433	0.601	0.828	10.04
PM	N-Nitroso-di-n-propylamine	0.898	0.821	0.883	0.730	0.740	0.778	0.944	1.430	15.12
T	4-Methylphenol	1.653	1.473	1.620	1.429	1.172	1.099	1.561		
I	Naphthalene-d8 (IS)	ISTD							0.355	2.33
S	Nitrobenzene-d5 (SU)	0.367	0.352	0.362	0.355	0.349	0.342	0.356	0.348	5.82
T	Nitrobenzene	0.381	0.351	0.358	0.338	0.333	0.319	0.357	0.629	4.20
T	Isophorone	0.635	0.631	0.658	0.614	0.588	0.615	0.664	0.202	5.71
CT	2-Nitrophenol	0.194	0.192	0.216	0.210	0.210	0.207	0.185	0.318	4.55
T	2,4-Dimethylphenol	0.340	0.318	0.330	0.320	0.304	0.297	0.317	0.456	5.71
T	bis(2-Chloroethoxy)methane	0.460	0.469	0.473	0.454	0.426	0.417	0.491	0.282	3.54
CT	2,4-Dichlorophenol	0.290	0.289	0.295	0.285	0.275	0.268	0.273	0.294	7.73
M	1,2,4-Trichlorobenzene	0.317	0.321	0.286	0.300	0.279	0.255	0.300	0.149	45.41*
T	Benzoic Acid	0.042	0.089	0.179	0.176	0.198	0.210		0.961	10.49
T	Naphthalene	1.060	1.041	0.956	0.958	0.870	0.792	1.049	0.413	5.19
T	4-Chloroaniline	0.414	0.432	0.438	0.422	0.390	0.379	0.413	0.164	6.12
CT	Hexachlorobutadiene	0.172	0.174	0.157	0.168	0.156	0.148	0.170	0.266	5.76
CM	4-Chloro-3-methylphenol	0.270	0.275	0.288	0.274	0.244	0.251	0.260	0.500	11.32
T	2-Methylnaphthalene	0.528	0.559	0.522	0.506	0.435	0.408	0.541	0.314	13.59
T	2,3-Dichloroaniline	0.323	0.354	0.309	0.304	0.238		0.354		
I	Acenaphthene-d10 (IS)	ISTD							0.262	15.62*
PT	Hexachlorocyclopentadiene	0.229	0.202	0.280	0.263	0.314	0.286		0.353	9.44
CT	2,4,6-Trichlorophenol	0.396	0.368	0.381	0.354	0.338	0.294	0.344	0.411	6.15
T	2,4,5-Trichlorophenol	0.400	0.378	0.444	0.421	0.431	0.390		1.410	8.43
S	2-Fluorobiphenyl (SU)	1.560	1.423	1.454	1.346	1.397	1.191	1.500	1.205	6.32
T	2-Chloronaphthalene	1.301	1.217	1.250	1.172	1.205	1.058	1.231	0.301	5.70
T	2-Nitroaniline	0.282	0.296	0.322	0.323	0.299	0.304	0.280	0.203	13.71**
T	1,3-Dinitrobenzene	0.173	0.192	0.227	0.240	0.209	0.175		1.694	8.54
T	Acenaphthylene	1.851	1.799	1.667	1.606	1.463		1.779	1.240	13.48
T	Dimethylphthalate	1.331	1.385	1.274	1.265	1.067	0.956	1.402	0.324	6.94
T	2,6-Dinitrotoluene	0.303	0.327	0.343	0.354	0.325	0.328	0.288	1.060	9.37
CM	Acenaphthene	1.165	1.119	1.085	1.054	0.991	0.875	1.129	0.348	12.62
T	3-Nitroaniline	0.305	0.362	0.376	0.403	0.361	0.353	0.274	0.125	53.05*
PT	2,4-Dinitrophenol	0.031	0.055	0.140	0.162	0.164	0.196		1.596	6.95
T	Dibenzofuran	1.659	1.683	1.616	1.615	1.500	1.395	1.706	0.422	11.22
M	2,4-Dinitrotoluene	0.340	0.409	0.435	0.484	0.425	0.438		0.102	27.26*
PM	4-Nitrophenol	0.059	0.073	0.112	0.125	0.117	0.124		1.233	9.08
T	Fluorene	1.272	1.385	1.252	1.291	1.125	1.047	1.258	0.563	11.07
T	4-Chlorophenyl-phenylether	0.594	0.635	0.576	0.582	0.520	0.444	0.588	1.238	10.77
T	Diethylphthalate	1.211	1.415	1.286	1.340	1.141	1.010	1.264	1.327	6.80
T	Azobenzene	1.254	1.406	1.420	1.438	1.271	1.225	1.273	0.353	12.18
T	4-Nitroaniline	0.275	0.350	0.358	0.407	0.360	0.367		0.527	14.80
T	n-Octadecane	0.536	0.662	0.512	0.534	0.482	0.404	0.558		
I	Phenanthrene-d10 (IS)	ISTD							0.143	48.12*
T	4,6-Dinitro-2-methylphenol	0.051	0.067	0.160	0.165	0.188	0.225		0.701	4.81
CT	n-Nitrosodiphenylamine	0.684	0.652	0.759	0.683	0.704	0.720	0.706	0.204	15.43
S	2,4,6-Tribromophenol (SU)	0.182	0.186	0.230	0.225	0.239		0.161	0.329	5.34
T	4-Bromophenyl-phenylether	0.310	0.308	0.341	0.320	0.333	0.358	0.330	0.429	2.70
T	Hexachlorobenzene	0.420	0.424	0.436	0.414	0.427	0.450	0.432	0.250	22.95#
CM	Pentachlorophenol		0.154	0.257	0.256	0.277	0.307		1.290	1.38
T	Phenanthrene	1.275	1.291	1.313	1.275	1.288	1.314	1.272	1.294	1.99
T	Anthracene	1.272	1.275	1.325	1.287	1.293	1.335	1.272	1.102	8.36
T	Carbazole	1.012	1.054	1.113	1.154	1.198	1.210	0.972	1.533	5.28
T	Di-n-butylphthalate	1.412	1.600	1.594	1.563	1.610	1.516	1.436	1.133	5.10
CT	Fluoranthene	1.115	1.206	1.147	1.144	1.193	1.081	1.045		
I	Chrysene-d12 (IS)	ISTD							1.447	5.72
M	Pyrene	1.422	1.474	1.489	1.544	1.395	1.298	1.506	1.047	7.01
T	2,2'-Dichlorobenzil	0.944	1.035	1.122	1.149	1.081	1.003	0.997	1.106	6.49
S	Terphenyl-d14 (SU)	1.117	1.123	1.134	1.167	1.050	0.973	1.178	0.416	10.81
T	Benzidine	0.444	0.441	0.479	0.418	0.414	0.362	0.354	0.663	5.86
T	Butylbenzylphthalate	0.619	0.654	0.711	0.712	0.682	0.637	0.626	0.405	7.06
T	3,3'-Dichlorobenzidine	0.380	0.408	0.434	0.430	0.420	0.404	0.355	1.028	4.66
T	Benzo[a]anthracene	1.039	1.093	1.020	1.037	0.996	0.945	1.065	1.006	3.16
T	Chrysene	1.032	1.051	0.979	0.997	0.992	0.964	1.029	0.806	7.71
T	bis(2-Ethylhexyl)phthalate	0.706	0.770	0.861	0.868	0.848	0.832	0.755	0.983	14.74#
CT	Di-n-octylphthalate	0.761	0.855	1.019	1.060	1.057	1.146			
I	Perylene-d12 (IS)	ISTD							1.384	9.25
T	Benzo[b]fluoranthene	1.327	1.390	1.664	1.339	1.364	1.286	1.316	1.321	10.85
T	Benzo[k]fluoranthene	1.294	1.345	1.610	1.346	1.205	1.175	1.268	1.157	8.99
CT	Benzo[a]pyrene	1.103	1.143	1.380	1.167	1.141	1.103	1.063	1.104	10.14
T	Indeno[1,2,3-cd]pyrene	0.961	0.974	1.221	1.176	1.210	1.153	1.033	1.128	12.13
T	Dibenz[a,h]anthracene	0.984	1.024	1.281	1.236	1.252	1.162	0.958	1.160	7.92
T	Benzo[g,h,i]perylene	1.042	1.054	1.258	1.247	1.246	1.138	1.138		

(#) = Out of Range (*) = Linear Regression (**) = Quadratic

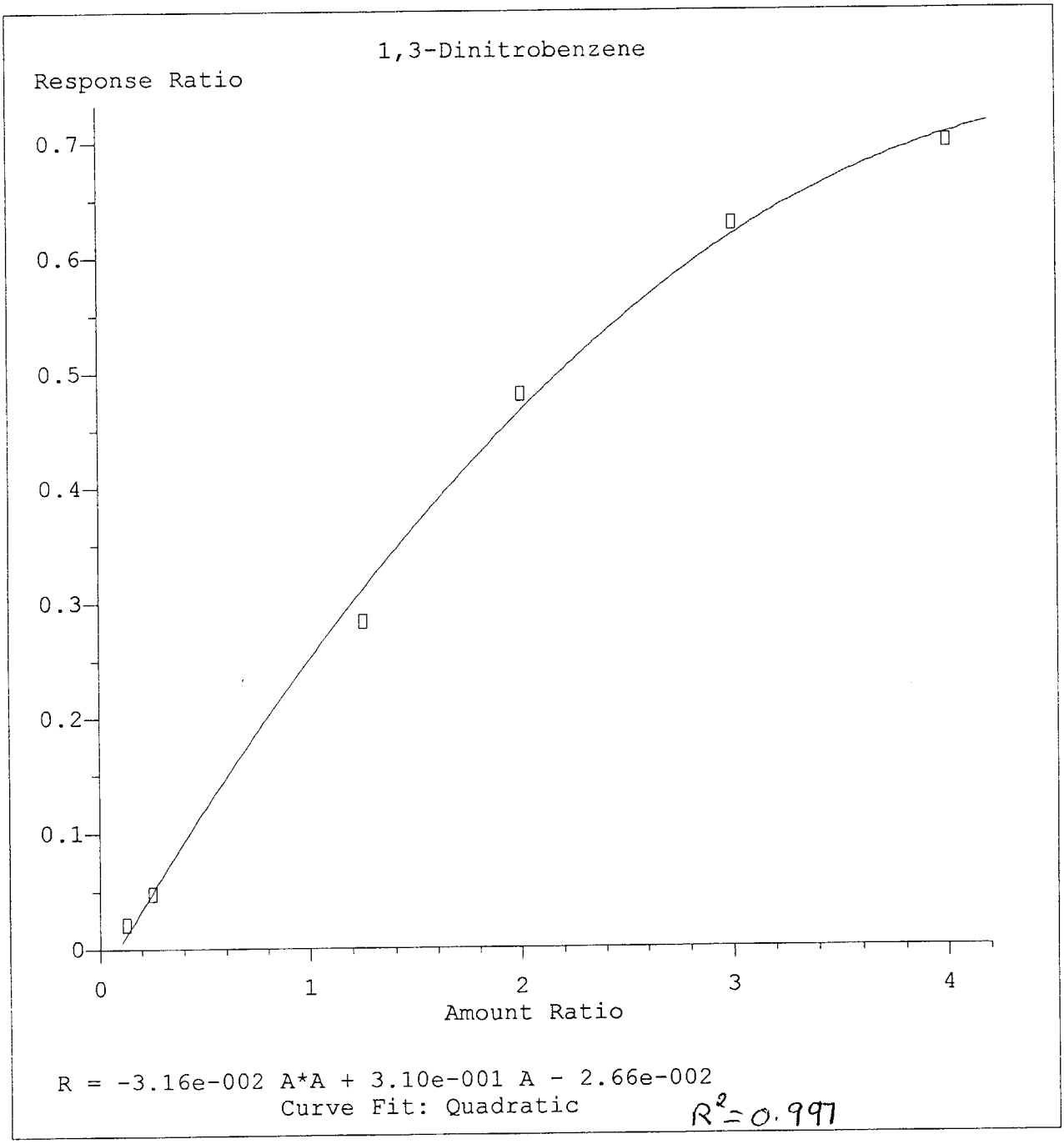
G7K15SV.M Thu Nov 15 16:18:06 2007



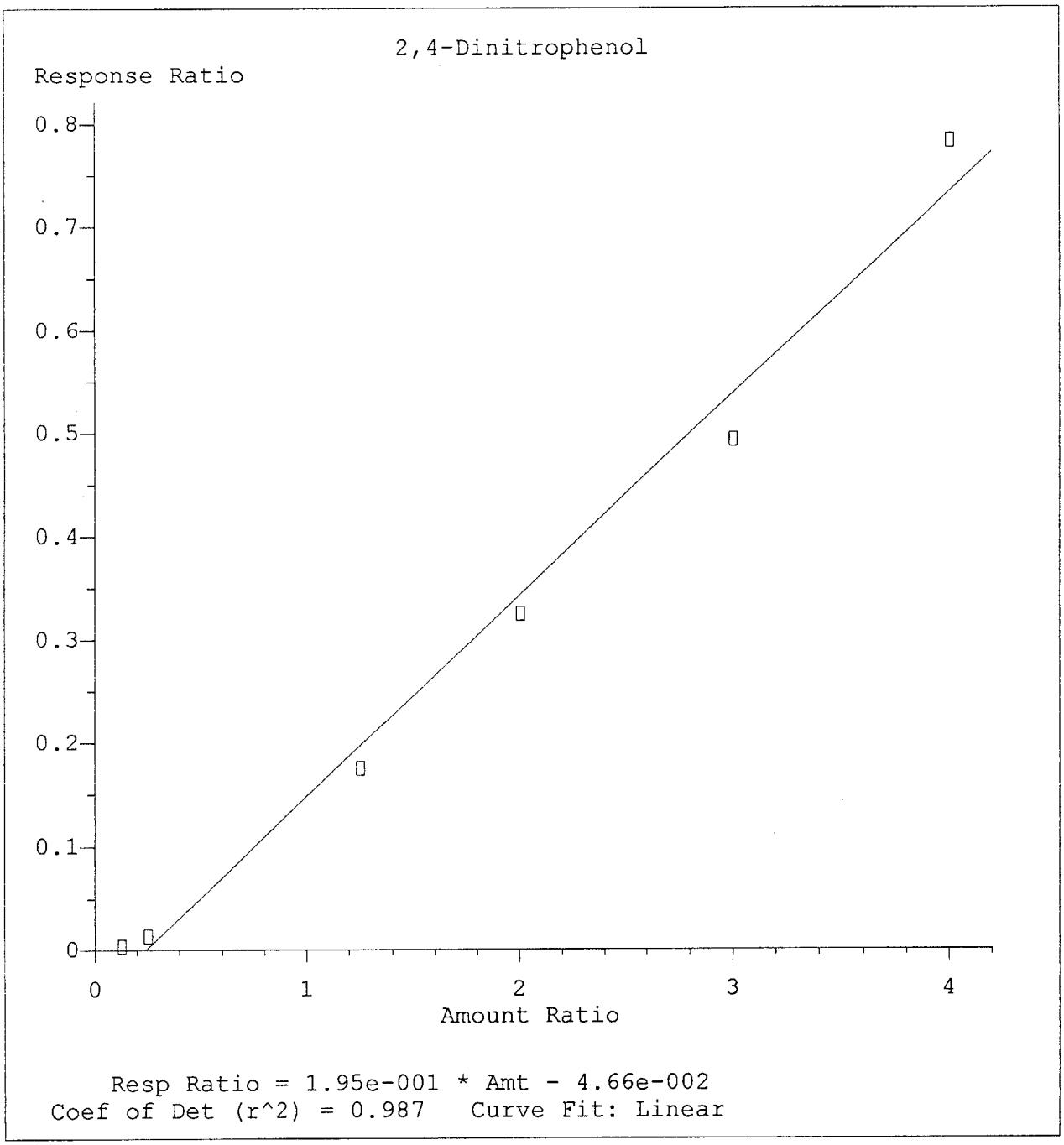
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



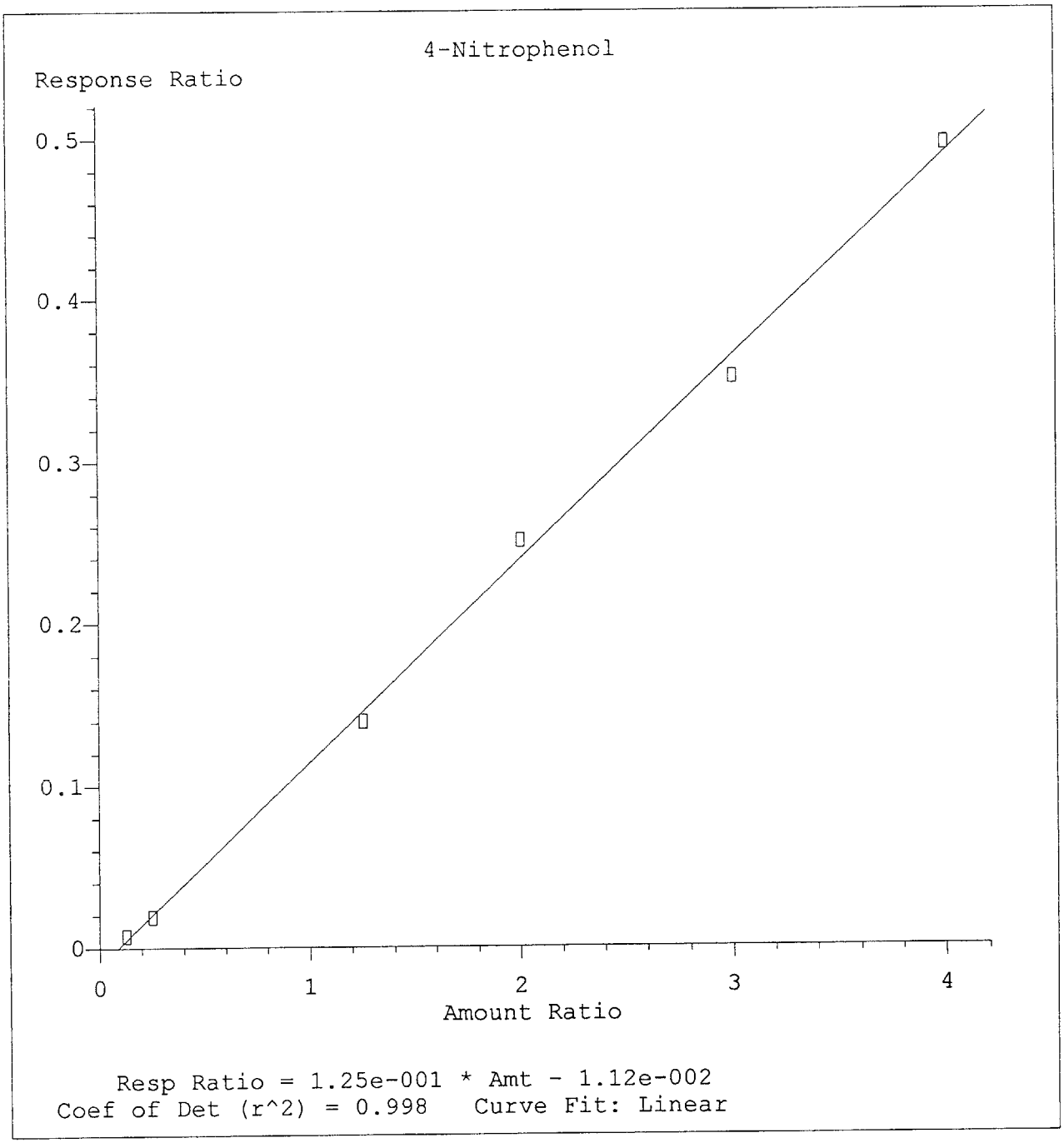
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



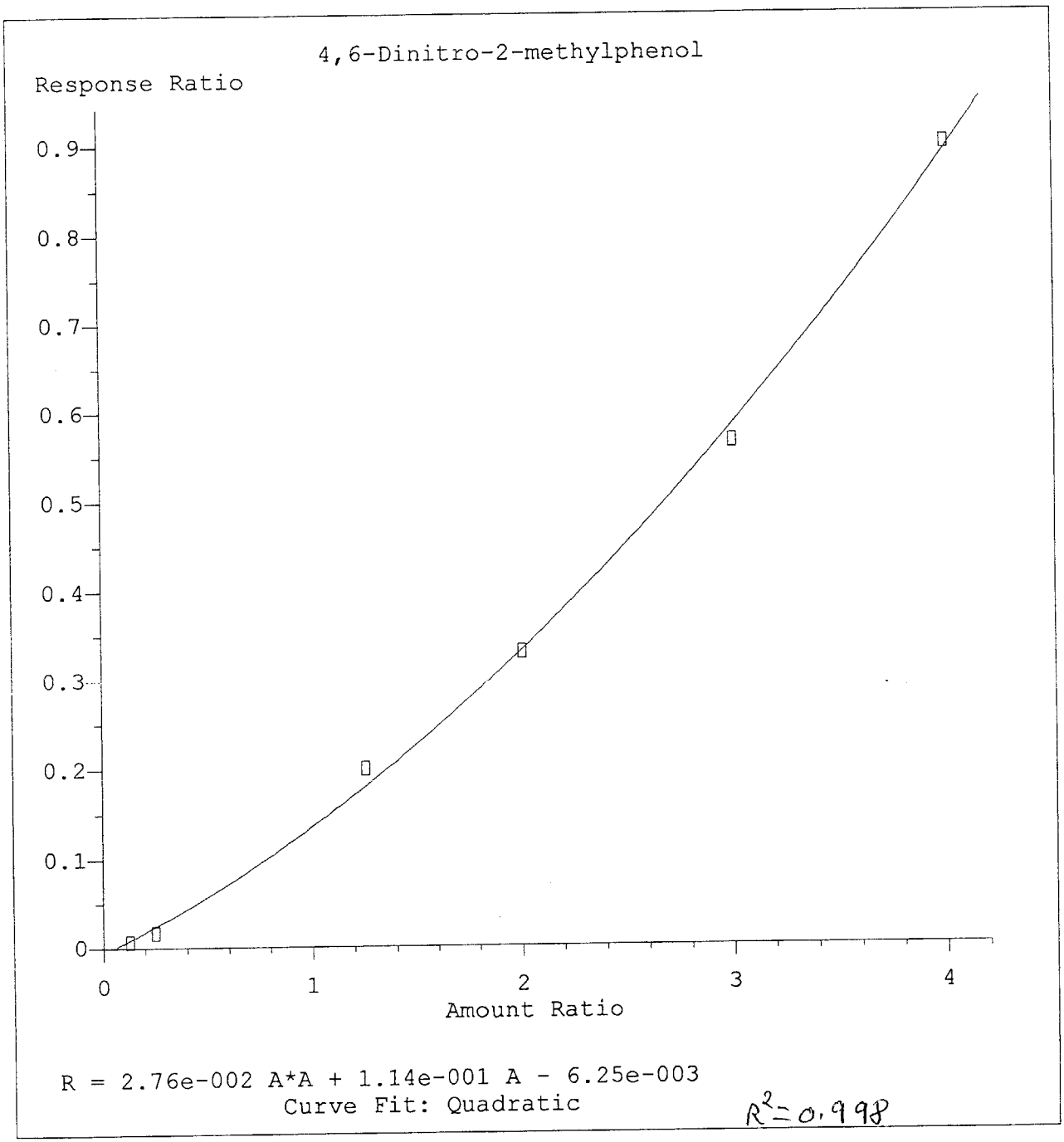
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007

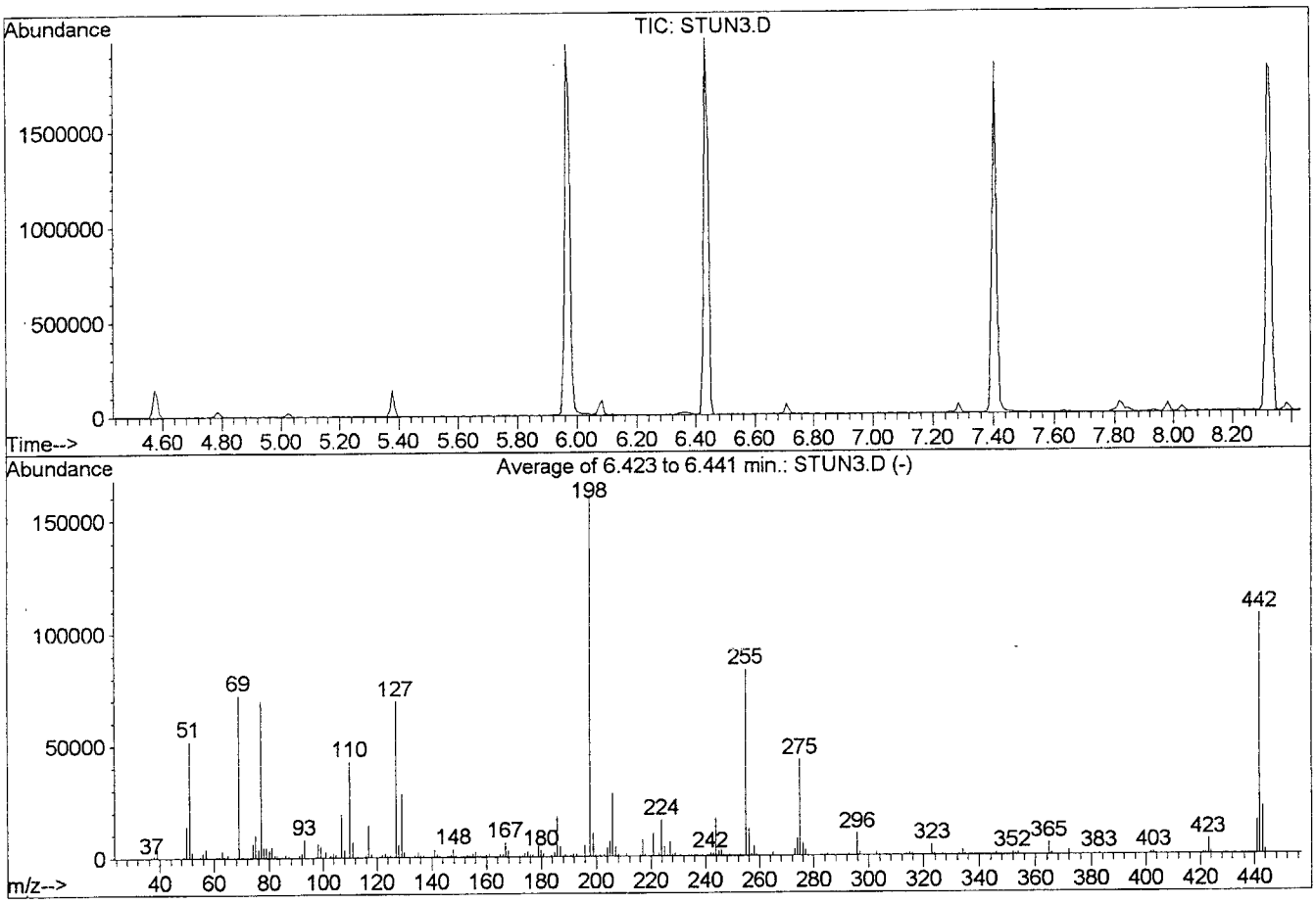


Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007

DFTPP

Data File : C:\GCMS62\DATA\07NOV15\STUN3.D
Acq On : 15 Nov 2007 9:19 am
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00



AutoFind: Scans 260, 261, 262; Background Corrected with Scan 257

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.4	51928	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.2	72352	PASS
70	69	0.00	2	0.4	265	PASS
127	198	40	60	43.5	69779	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	160229	PASS
199	198	5	9	6.6	10528	PASS
275	198	10	30	26.7	42785	PASS
365	198	1	100	3.3	5325	PASS
441	443	0.01	100	70.5	14933	PASS
442	198	40	100	66.6	106747	PASS
443	442	17	23	19.8	21183	PASS

STUN3.D DFTPP.M Thu Dec 06 09:05:58 2007

Average of 6.423 to 6.441 min.: STUN3.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	260	61.90	619	78.90	4549	93.85	345
37.90	776	62.95	2688	79.90	3071	98.00	6237
39.00	3820	63.95	311	80.95	4723	99.00	4721
48.95	483	65.00	1324	81.95	1124	99.90	284
49.95	13984	68.95	72352	82.95	1110	100.90	2456
50.95	51928	69.95	265	84.80	484	102.85	1004
51.95	2417	73.95	6201	86.00	1428	103.85	1855
54.95	406	75.00	9784	87.05	778	104.90	1218
55.90	1890	76.00	3704	90.95	1262	106.95	19112
56.90	3716	77.00	69835	91.90	1853	107.95	3215
61.00	482	78.00	4630	92.95	7923	109.95	42715

Average of 6.423 to 6.441 min.: STUN3.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
110.95	6815	126.90	69779	141.90	1047	155.95	2225
111.85	446	127.90	5465	142.80	544	156.90	493
112.85	201	128.95	28178	145.90	191	157.85	703
115.95	864	129.95	2236	146.90	838	158.85	182
116.85	14228	130.95	322	147.90	3416	159.90	776
118.00	1349	133.90	799	148.80	704	160.90	1346
121.90	1084	134.95	2080	150.95	283	161.80	302
123.00	1811	135.85	829	151.85	209	164.85	1158
123.80	666	137.00	974	152.90	834	166.05	757
124.00	288	140.00	241	153.90	699	166.90	6275
124.95	916	140.90	3224	154.95	1382	167.85	2594

Average of 6.423 to 6.441 min.: STUN3.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
168.90	196	180.85	1433	194.85	283	207.90	1020
171.95	526	183.85	448	195.95	4966	210.95	1127
172.90	607	184.90	2046	197.85	160229	215.90	488
173.95	1382	185.90	17556	198.85	10528	216.85	7334
174.95	2219	186.90	4477	199.80	762	217.85	945
175.90	845	188.00	315	201.40	836	220.85	10220
176.85	964	188.85	897	202.85	737	222.85	1535
177.75	296	190.85	482	203.90	3786	223.85	16068
177.95	198	191.80	1252	204.95	6855	224.85	4149
178.85	4860	193.00	1163	205.90	28083	226.05	537
179.85	2736	193.95	187	206.90	4266	226.90	6313

Average of 6.423 to 6.441 min.: STUN3.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
227.90	805	244.90	2343	272.90	2762	296.80	1348
228.85	1177	245.85	2708	273.90	7470	302.85	1352
230.90	676	246.85	563	274.90	42785	303.95	430
233.80	202	248.90	673	275.90	5669	313.80	579
234.85	418	252.80	472	276.80	2661	314.85	1186
236.85	539	254.90	83026	277.75	432	315.85	856
238.85	172	255.90	12080	282.85	391	320.80	416
240.95	195	256.90	834	283.95	172	322.90	4510
241.90	1195	257.85	4157	284.90	487	323.90	977
242.85	1014	258.80	737	292.85	671	326.85	677
243.85	16723	264.85	1514	295.85	9751	327.85	347

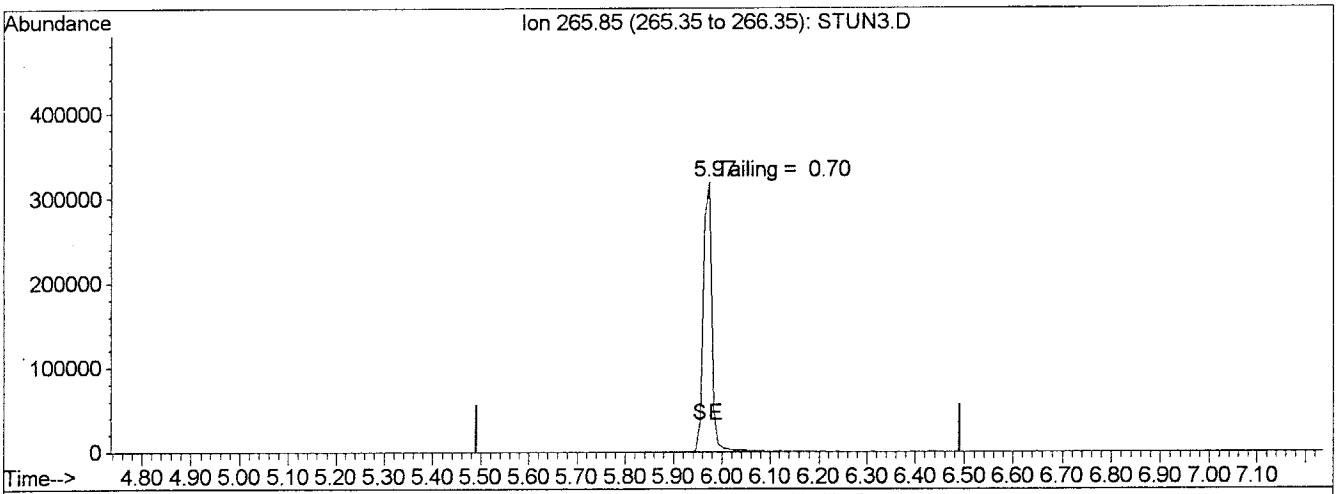
Average of 6.423 to 6.441 min.: STUN3.D
DFTPP #7100452
Modified:subtracted

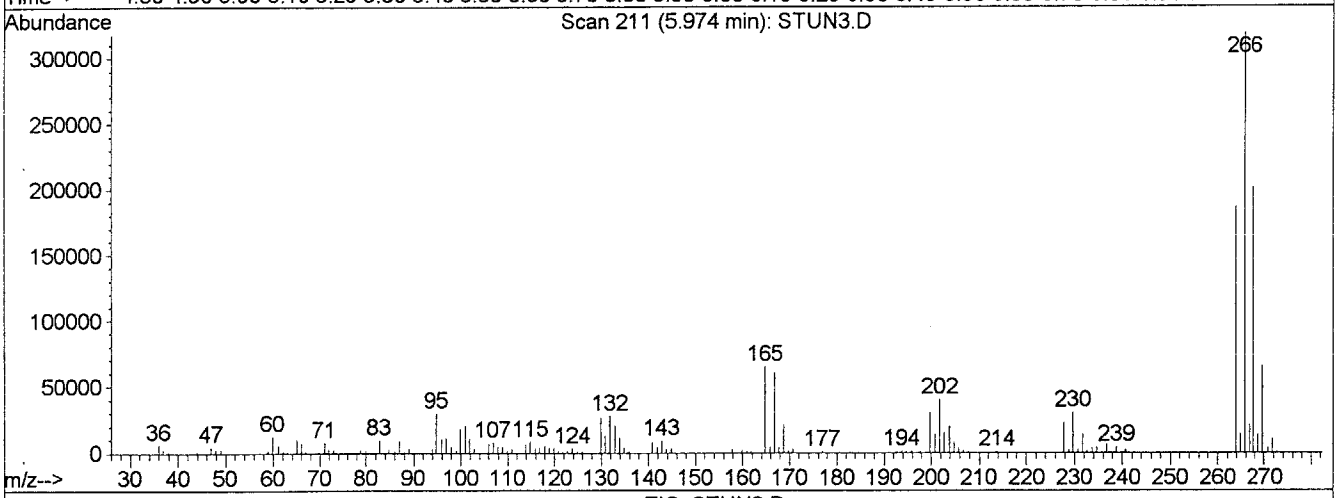
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
332.90	389	365.80	745	423.90	1175		
333.90	2366	371.85	2111	440.90	14933		
334.90	584	372.85	338	441.90	106747		
340.80	217	382.85	611	442.90	21183		
345.85	747	389.75	207	443.90	1916		
346.85	180	401.90	760				
351.80	1085	402.85	1078				
352.85	719	403.90	213				
353.85	1088	420.85	740				
354.80	195	421.85	757				
364.85	5325	422.90	6686				

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN3.D Vial: 1
Acq On : 15 Nov 2007 9:19 am Operator: DF/AI
Sample : DFTPP #7100452 Inst : GCMS62
Misc : 50ppm DFTPP Tune Evaluation Multiplr: 1.00
Quant Time: Nov 15 9:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration





TIC: STUN3.D

(1) Pentachlorophenol

5.97min 51.69ug/ml

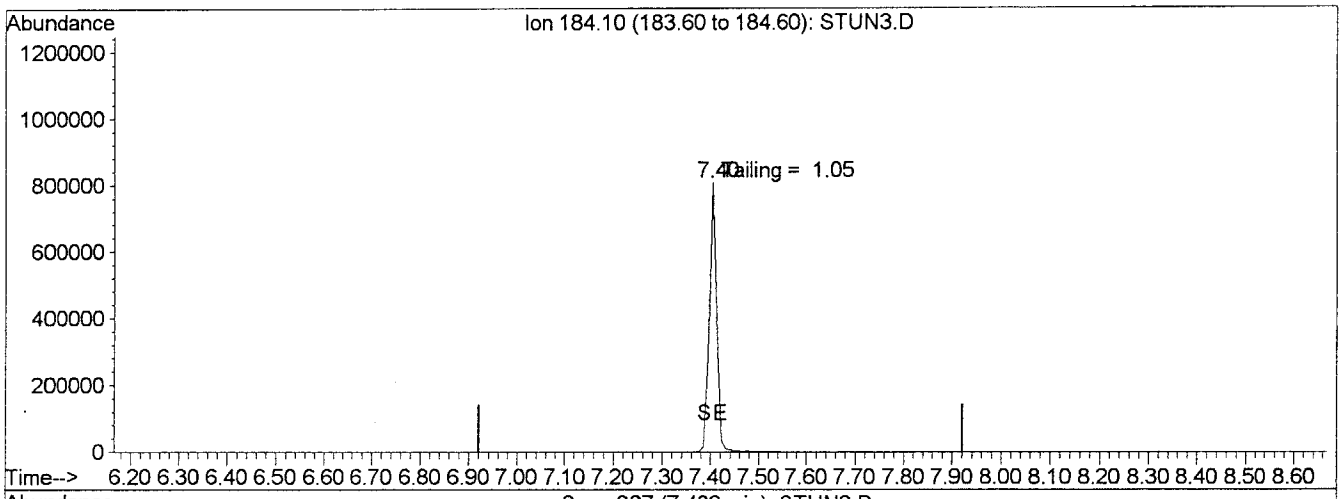
response 398362

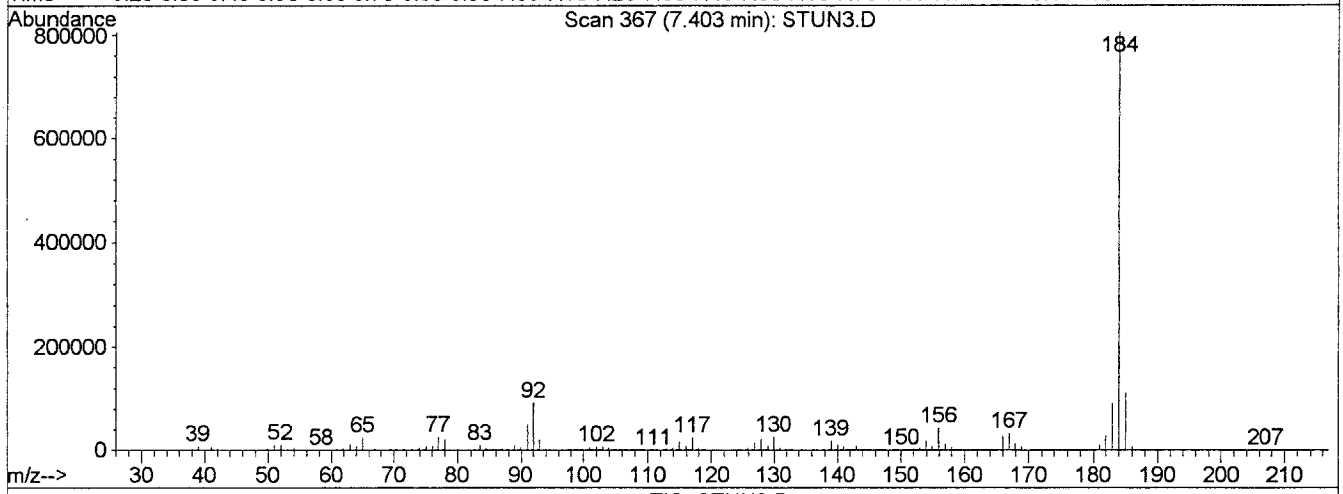
Ion	Exp%	Act%
265.85	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN3.D Vial: 1
Acq On : 15 Nov 2007 9:19 am Operator: DF/AI
Sample : DFTPP #7100452 Inst : GCMS62
Misc : 50ppm DFTPP Tune Evaluation Multiplr: 1.00
Quant Time: Nov 15 9:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration





TIC: STUN3.D

(3) BENZIDINE

7.40min 52.76ug/ml

response 844447

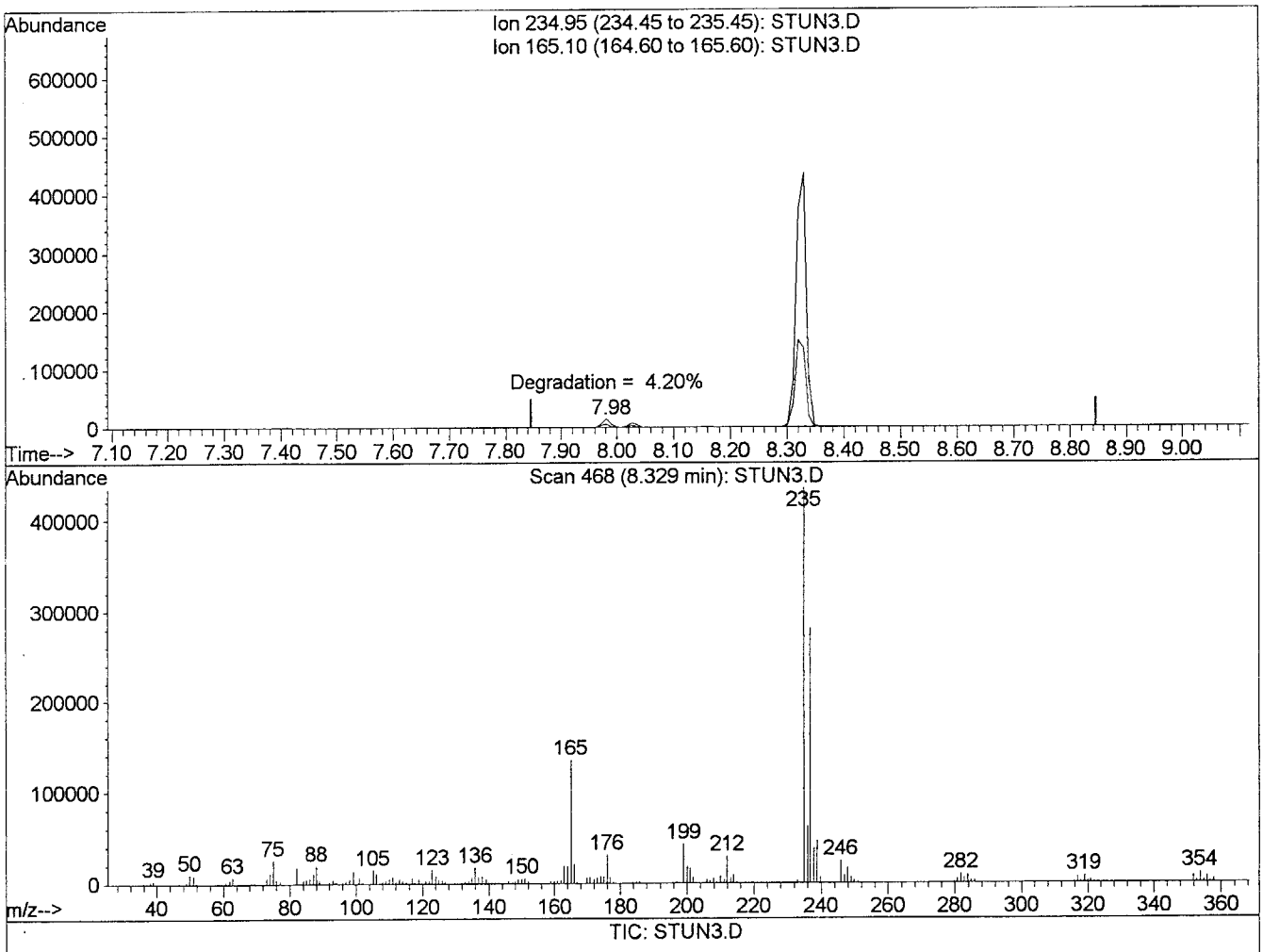
Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN3.D
Acq On : 15 Nov 2007 9:19 am
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
Quant Time: Nov 15 9:47 2007

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration



TIC: STUN3.D

(4) DDT

8.33min 52.87ug/ml

response 543623

Ion	Exp%	Act%
234.95	100	100
165.10	0.30	35.37#
0.00	0.00	0.00
0.00	0.00	0.00

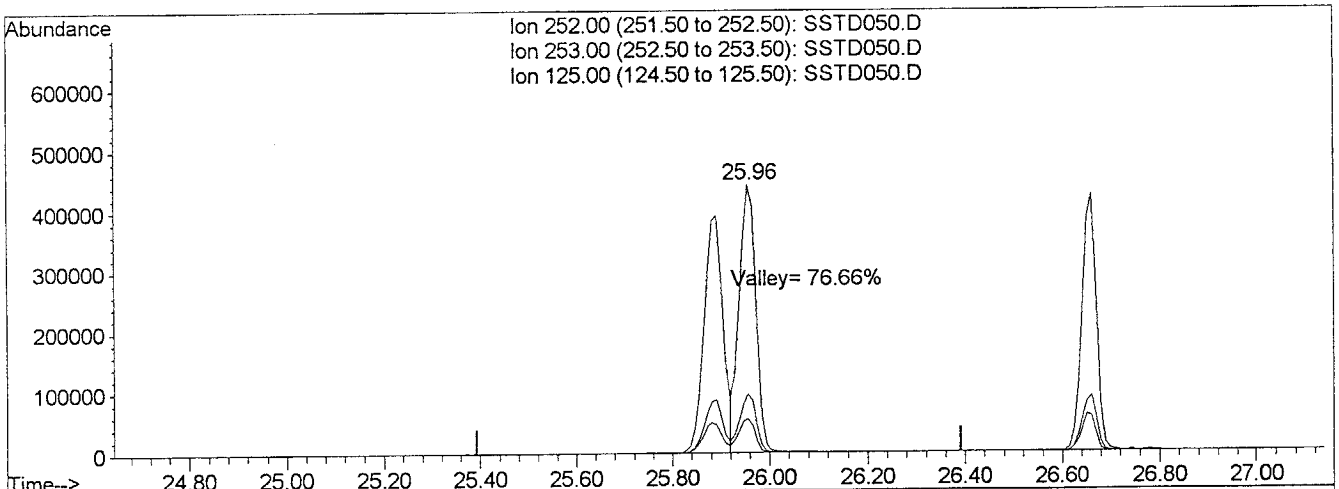
STUN3.D DFTPP.M Thu Dec 06 09:07:27 2007

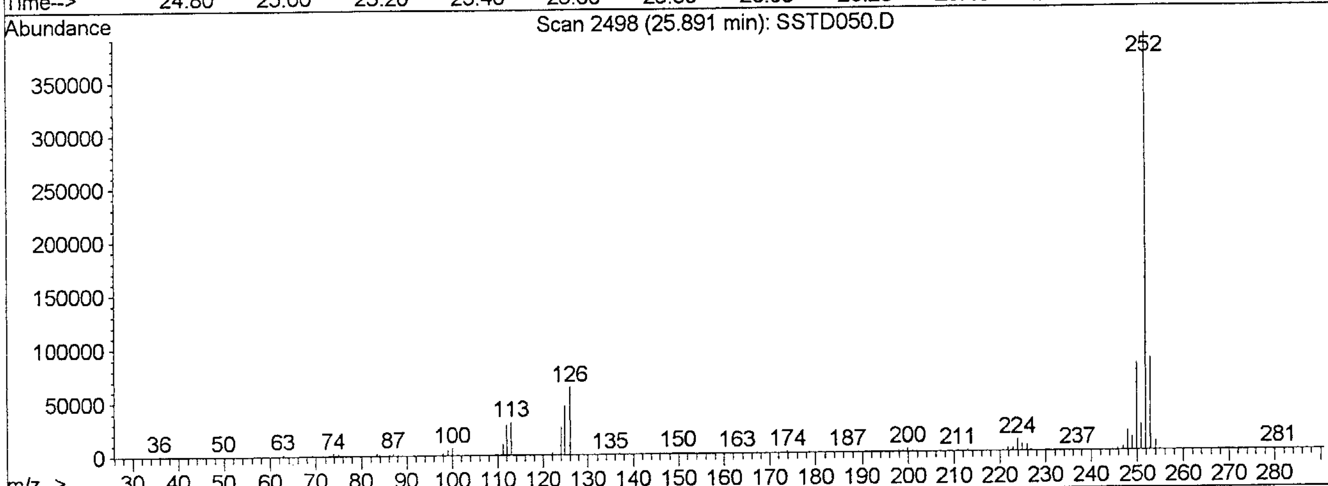
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
QSantTtgmetiNovPa5am5:3RTE9ND7P

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: SSTD050.D

(83) Benzo[b]fluoranthene (T)

25.89min 58.12ppm

response 1063842

Ion	Exp%	Act%
252.00	100	100
253.00	21.00	21.71
125.00	12.00	12.97
0.00	0.00	0.00

SSTD050.D G7K15SV.M Fri Nov 16 09:27:48 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	550778	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2083968	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	976698	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1212235	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	912561	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	511510	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1105401	52.29	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 52.29%			
7) Phenol-d6 (SU)	7.80	99	1246707	48.23	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.23%			
21) Nitrobenzene-d5 (SU)	9.70	82	942729	42.80	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 85.60%			
40) 2-Fluorobiphenyl (SU)	13.89	172	1775346	54.38	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 108.76%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	347900	55.45	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.45%			
74) Terphenyl-d14 (SU)	21.61	244	1293714	50.03	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 100.06%			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1215678	51.73	ppm	100
4) n-Nitrosodimethylamine	3.71	74	742458	51.53	ppm	100
5) bis(2-Chloroethyl)ether	7.97	93	1145573	50.95	ppm	100
6) Aniline	7.81	93	1534785	48.37	ppm	100
8) Phenol	7.83	94	1385425	49.19	ppm	100
9) 2-Chlorophenol	8.02	128	1025380	51.48	ppm	100
10) n-Decane	8.16	57	843229	48.75	ppm	100
11) 1,3-Dichlorobenzene	8.31	146	1106045	50.84	ppm	100
12) 1,4-Dichlorobenzene	8.43	146	1099639	51.08	ppm	100
13) 1,2-Dichlorobenzene	8.82	146	1050084	51.23	ppm	100
14) Benzyl alcohol	8.79	108	663730	49.65	ppm	100
15) bis(2-chloroisopropyl)ethe	9.15	45	973156	53.14	ppm	100
16) 2-Methylphenol	9.11	107	765959	48.49	ppm	100
17) Hexachloroethane	9.49	117	384458	49.69	ppm	100
18) N-Nitroso-di-n-propylamine	9.49	70	607776	44.52	ppm	100
19) 4-Methylphenol	9.45	107	1115065	50.71	ppm	100
22) Nitrobenzene	9.74	77	932794	44.75	ppm	100
23) Isophorone	10.30	82	1713385	42.37	ppm	100
24) 2-Nitrophenol	10.46	139	562045	53.66	ppm	100
25) 2,4-Dimethylphenol	10.64	122	860348	50.07	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26) bis(2-Chloroethoxy)methane	10.87	93	1230902	47.52	ppm	100
27) 2,4-Dichlorophenol	11.01	162	768221	48.15	ppm	100
28) 1,2,4-Trichlorobenzene	11.18	180	744934	41.39	ppm	100
29) Benzoic Acid	11.02	122	467351	45.26	ppm	99
30) Naphthalene	11.31	128	2491370	47.18	ppm	100
31) 4-Chloroaniline	11.54	127	1141800	48.89	ppm	100
32) Hexachlorobutadiene	11.78	225	408634	37.52	ppm	100
33) 4-Chloro-3-methylphenol	12.73	107	750813	45.14	ppm	100
34) 2-Methylnaphthalene	12.93	141	1359797	48.74	ppm	100
35) 2,3-Dichloroaniline	13.70	161	804709	46.20	ppm	100
37) Hexachlorocyclopentadiene	13.49	237	341717	48.88	ppm	100
38) 2,4,6-Trichlorophenol	13.70	196	464898	54.79	ppm	100
39) 2,4,5-Trichlorophenol	13.77	196	541564	53.33	ppm	100
41) 2-Chloronaphthalene	14.06	162	1526315	55.86	ppm	100
42) 2-Nitroaniline	14.44	65	392836	53.87	ppm	100
43) 1,3-Dinitrobenzene	15.00	168	276868	57.22	ppm	100
44) Acenaphthylene	15.05	152	2035628	51.12	ppm	100
45) Dimethylphthalate	15.03	163	1555517	52.06	ppm	100
46) 2,6-Dinitrotoluene	15.15	165	419200	54.65	ppm	100
47) Acenaphthene	15.50	154	1324421	51.13	ppm	100
48) 3-Nitroaniline	15.44	138	458698	63.31	ppm	100
49) 2,4-Dinitrophenol	15.67	184	170516	54.53	ppm	100
50) Dibenzofuran	15.87	168	1973455	49.45	ppm	100
51) 2,4-Dinitrotoluene	16.06	165	531209	51.92	ppm	100
52) 4-Nitrophenol	15.91	109	136313	38.46	ppm	100
53) Fluorene	16.69	166	1529122	49.25	ppm	100
54) 4-Chlorophenyl-phenylether	16.76	204	703713	46.93	ppm	100
55) Diethylphthalate	16.73	149	1570079	51.41	ppm	100
56) Azobenzene	17.12	77	1733429	48.96	ppm	100
57) 4-Nitroaniline	16.91	138	436884	54.39	ppm	100
58) n-Octadecane	18.81	57	625344	43.73	ppm	100
60) 4,6-Dinitro-2-methylphenol	17.00	198	242040	50.32	ppm	100
61) n-Nitrosodiphenylamine	17.07	169	1150513	58.50	ppm	100
63) 4-Bromophenyl-phenylether	17.90	248	516066	50.11	ppm	100
64) Hexachlorobenzene	18.17	284	660675	49.09	ppm	100
65) Pentachlorophenol	18.60	266	389906	50.57	ppm	100
66) Phenanthrene	18.86	178	1989060	51.18	ppm	100
67) Anthracene	18.95	178	2007468	51.14	ppm	100
68) Carbazole	19.32	167	1686695	50.23	ppm	100
69) Di-n-butylphthalate	20.16	149	2414697	53.08	ppm	100
70) Fluoranthene	20.98	202	1738378	47.88	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	1698600	51.27	ppm	100
73) 2,2'-Dichlorobenzil	21.47	139	1279710	59.67	ppm	100
75) Benzidine	21.23	184	546791	43.85	ppm	100
76) Butylbenzylphthalate	22.43	149	810616	55.37	ppm	100
77) 3,3'-Dichlorobenzidine	23.27	252	495382	49.27	ppm	100
78) Benzo[a]anthracene	23.26	228	1162957	48.35	ppm	100
79) Chrysene	23.34	228	1116669	47.68	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.54	149	982652	60.31	ppm	100
81) Di-n-octylphthalate	25.04	149	1162742	65.22	ppm	100
83) Benzo[b]fluoranthene	25.89	252	1063842	58.12	ppm	98
84) Benzo[k]fluoranthene	25.96	252	1029615	56.45	ppm	100
85) Benzo[a]pyrene	26.66	252	882149	58.60	ppm	100
86) Indeno[1,2,3-cd]pyrene	29.40	276	780844	70.15	ppm	100
87) Dibenz[a,h]anthracene	29.48	278	818914	70.29	ppm	100
88) Benzo[g,h,i]perylene	30.14	276	804493	69.54	ppm	100

(#) = qualifier out of range (m) = manual integration

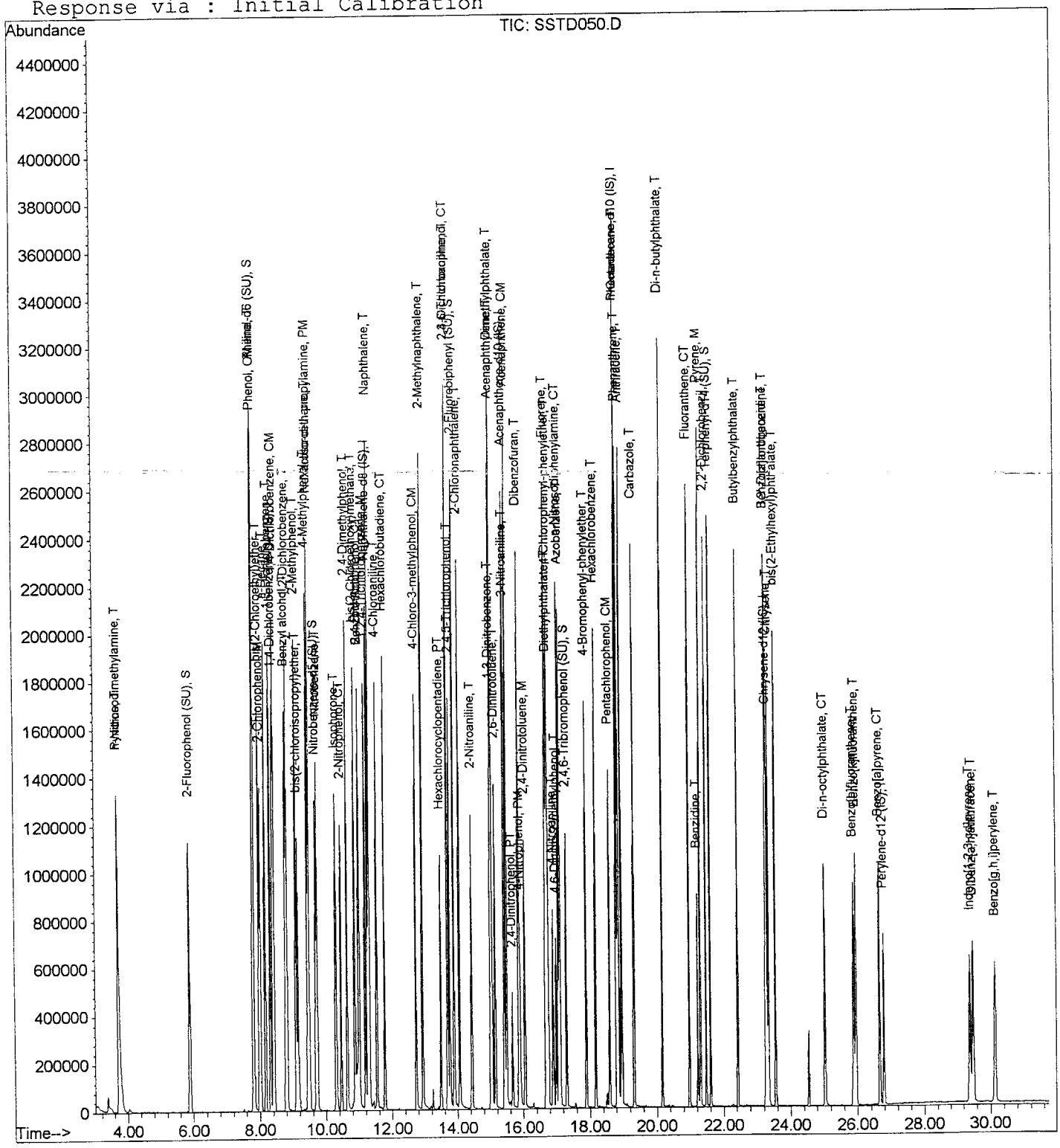
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	550778	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2083968	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	976698	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1212235	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	912561	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	511510	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1105401	52.29	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 52.29%			
7) Phenol-d6 (SU)	7.80	99	1246707	48.23	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.23%			
21) Nitrobenzene-d5 (SU)	9.70	82	942729	42.80	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 85.60%			
40) 2-Fluorobiphenyl (SU)	13.89	172	1775346	54.38	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 108.76%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	347900	55.45	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.45%			
74) Terphenyl-d14 (SU)	21.61	244	1293714	50.03	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 100.06%			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1215678	51.73	ppm	100
4) n-Nitrosodimethylamine	3.71	74	742458	51.53	ppm	100
5) bis(2-Chloroethyl)ether	7.97	93	1145573	50.95	ppm	100
6) Aniline	7.81	93	1534785	48.37	ppm	100
8) Phenol	7.83	94	1385425	49.19	ppm	100
9) 2-Chlorophenol	8.02	128	1025380	51.48	ppm	100
10) n-Decane	8.16	57	843229	48.75	ppm	100
11) 1,3-Dichlorobenzene	8.31	146	1106045	50.84	ppm	100
12) 1,4-Dichlorobenzene	8.43	146	1099639	51.08	ppm	100
13) 1,2-Dichlorobenzene	8.82	146	1050084	51.23	ppm	100
14) Benzyl alcohol	8.79	108	663730	49.65	ppm	100
15) bis(2-chloroisopropyl)ethe	9.15	45	973156	53.14	ppm	100
16) 2-Methylphenol	9.11	107	765959	48.49	ppm	100
17) Hexachloroethane	9.49	117	384458	49.69	ppm	100
18) N-Nitroso-di-n-propylamine	9.49	70	607776	44.52	ppm	100
19) 4-Methylphenol	9.45	107	1115065	50.71	ppm	100
22) Nitrobenzene	9.74	77	932794	44.75	ppm	100
23) Isophorone	10.30	82	1713385	42.37	ppm	100
24) 2-Nitrophenol	10.46	139	562045	53.66	ppm	100
25) 2,4-Dimethylphenol	10.64	122	860348	50.07	ppm	100

(#) = qualifier out of range (m) = manual integration
SSTD050.D G7K15SV.M Thu Nov 15 11:33:41 2007 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26) bis(2-Chloroethoxy)methane	10.87	93	1230902	47.52	ppm	100
27) 2,4-Dichlorophenol	11.01	162	768221	48.15	ppm	100
28) 1,2,4-Trichlorobenzene	11.18	180	744934	41.39	ppm	100
29) Benzoic Acid	11.02	122	467351	45.26	ppm	99
30) Naphthalene	11.31	128	2491370	47.18	ppm	100
31) 4-Chloroaniline	11.54	127	1141800	48.89	ppm	100
32) Hexachlorobutadiene	11.78	225	408634	37.52	ppm	100
33) 4-Chloro-3-methylphenol	12.73	107	750813	45.14	ppm	100
34) 2-Methylnaphthalene	12.93	141	1359797	48.74	ppm	100
35) 2,3-Dichloroaniline	13.70	161	804709	46.20	ppm	100
37) Hexachlorocyclopentadiene	13.49	237	341717	48.88	ppm	100
38) 2,4,6-Trichlorophenol	13.70	196	464898	54.79	ppm	100
39) 2,4,5-Trichlorophenol	13.77	196	541564	53.33	ppm	100
41) 2-Chloronaphthalene	14.06	162	1526315	55.86	ppm	100
42) 2-Nitroaniline	14.44	65	392836	53.87	ppm	100
43) 1,3-Dinitrobenzene	15.00	168	276868	57.22	ppm	100
44) Acenaphthylene	15.05	152	2035628	51.12	ppm	100
45) Dimethylphthalate	15.03	163	1555517	52.06	ppm	100
46) 2,6-Dinitrotoluene	15.15	165	419200	54.65	ppm	100
47) Acenaphthene	15.50	154	1324421	51.13	ppm	100
48) 3-Nitroaniline	15.44	138	458698	63.31	ppm	100
49) 2,4-Dinitrophenol	15.67	184	170516	54.53	ppm	100
50) Dibenzofuran	15.87	168	1973455	49.45	ppm	100
51) 2,4-Dinitrotoluene	16.06	165	531209	51.92	ppm	100
52) 4-Nitrophenol	15.91	109	136313	38.46	ppm	100
53) Fluorene	16.69	166	1529122	49.25	ppm	100
54) 4-Chlorophenyl-phenylether	16.76	204	703713	46.93	ppm	100
55) Diethylphthalate	16.73	149	1570079	51.41	ppm	100
56) Azobenzene	17.12	77	1733429	48.96	ppm	100
57) 4-Nitroaniline	16.91	138	436884	54.39	ppm	100
58) n-Octadecane	18.81	57	625344	43.73	ppm	100
60) 4,6-Dinitro-2-methylphenol	17.00	198	242040	50.32	ppm	100
61) n-Nitrosodiphenylamine	17.07	169	1150513	58.50	ppm	100
63) 4-Bromophenyl-phenylether	17.90	248	516066	50.11	ppm	100
64) Hexachlorobenzene	18.17	284	660675	49.09	ppm	100
65) Pentachlorophenol	18.60	266	389906	50.57	ppm	100
66) Phenanthrene	18.86	178	1989060	51.18	ppm	100
67) Anthracene	18.95	178	2007468	51.14	ppm	100
68) Carbazole	19.32	167	1686695	50.23	ppm	100
69) Di-n-butylphthalate	20.16	149	2414697	53.08	ppm	100
70) Fluoranthene	20.98	202	1738378	47.88	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D Vial: 2
Acq On : 15 Nov 2007 9:34 am Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	1698600	51.27	ppm	100
73) 2,2'-Dichlorobenzil	21.47	139	1279710	59.67	ppm	100
75) Benzidine	21.23	184	546791	43.85	ppm	100
76) Butylbenzylphthalate	22.43	149	810616	55.37	ppm	100
77) 3,3'-Dichlorobenzidine	23.27	252	495382	49.27	ppm	100
78) Benzo[a]anthracene	23.26	228	1162957	48.35	ppm	100
79) Chrysene	23.34	228	1116669	47.68	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.54	149	982652	60.31	ppm	100
81) Di-n-octylphthalate	25.04	149	1162742	65.22	ppm	100
83) Benzo[b]fluoranthene	25.89	252	1063842	58.12	ppm	98
84) Benzo[k]fluoranthene	25.96	252	1029615	56.45	ppm	100
85) Benzo[a]pyrene	26.66	252	882149	58.60	ppm	100
86) Indeno[1,2,3-cd]pyrene	29.40	276	780844	70.15	ppm	100
87) Dibenz[a,h]anthracene	29.48	278	818914	70.29	ppm	100
88) Benzo[g,h,i]perylene	30.14	276	804493	69.54	ppm	100

(#) = qualifier out of range (m) = manual integration
SSTD050.D G7K15SV.M Thu Nov 15 11:33:42 2007 Page 3

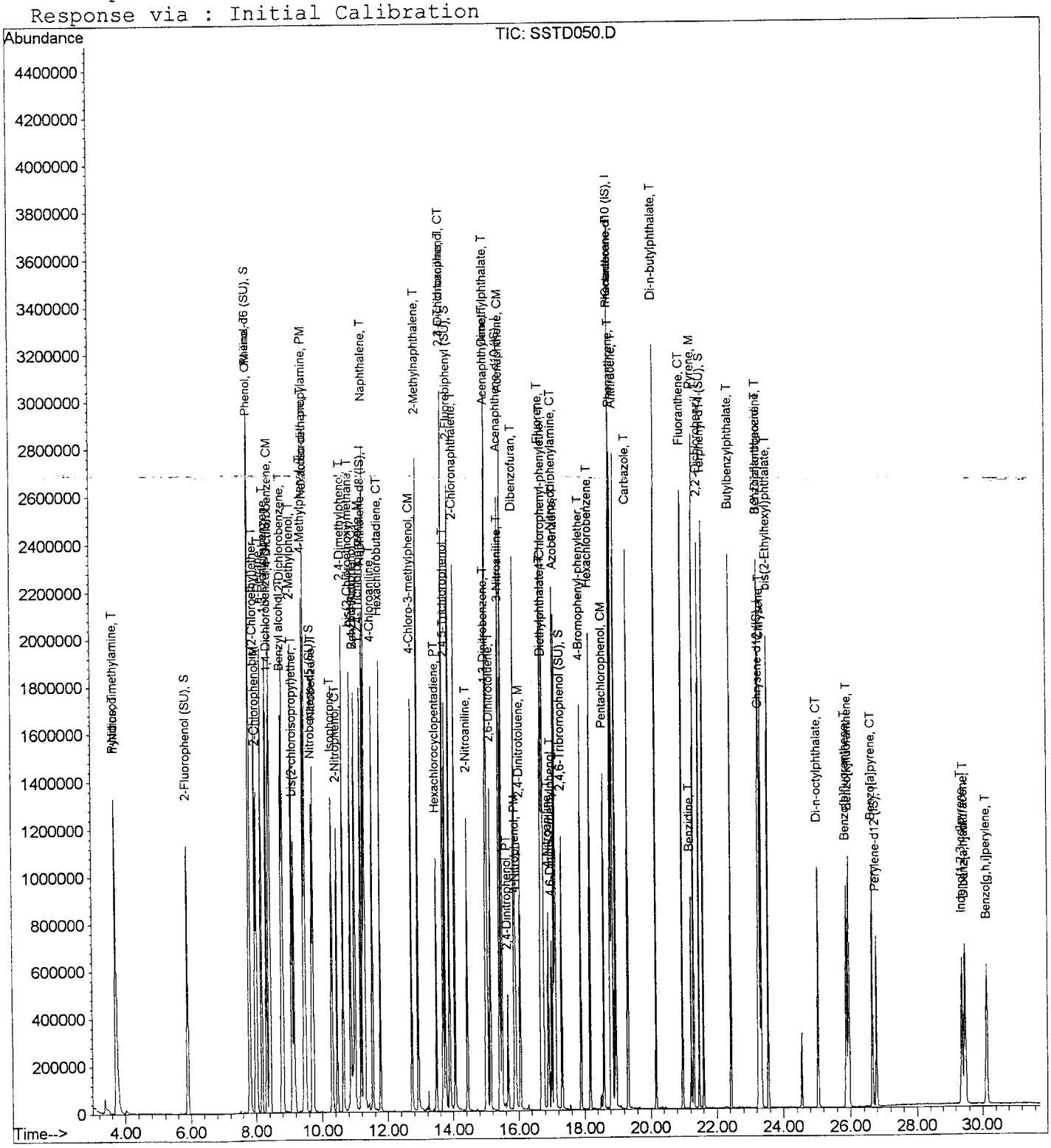
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D
Acq On : 15 Nov 2007 9:34 am
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:33 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	607375	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2134737	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	950883	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1212133	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.28	240	938664	40.00	ppm	-0.02
82) Perylene-d12 (IS)	26.78	264	704829	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	130010	5.58	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 5.58%#			
7) Phenol-d6 (SU)	7.77	99	154733	5.43	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 5.43%#			
21) Nitrobenzene-d5 (SU)	9.68	82	97967	4.34	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 8.68%#			
40) 2-Fluorobiphenyl (SU)	13.89	172	185377	5.83	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 11.66%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	27567	4.39	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 4.39%#			
74) Terphenyl-d14 (SU)	21.60	244	131041	4.93	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 9.86%#			
Target Compounds						Qvalue
3) Pyridine	3.72	79	140358	5.42	ppm	99
4) n-Nitrosodimethylamine	3.70	74	89238	5.62	ppm	97
5) bis(2-Chloroethyl)ether	7.97	93	131323	5.30	ppm	98
6) Aniline	7.79	93	195670	5.59	ppm	97
8) Phenol	7.80	94	176210	5.67	ppm	98
9) 2-Chlorophenol	8.00	128	117637	5.36	ppm	99
10) n-Decane	8.16	57	105156	5.51	ppm	95
11) 1,3-Dichlorobenzene	8.30	146	133725	5.57	ppm	99
12) 1,4-Dichlorobenzene	8.42	146	133012m	5.60	ppm	
13) 1,2-Dichlorobenzene	8.83	146	124258	5.50	ppm	98
14) Benzyl alcohol	8.77	108	70230	4.76	ppm	97
15) bis(2-chloroisopropyl)ethe	9.15	45	103543	5.13	ppm	98
16) 2-Methylphenol	9.09	107	87330	5.01	ppm	99
17) Hexachloroethane	9.49	117	47198	5.53	ppm	98
18) N-Nitroso-di-n-propylamine	9.46	70	68214	4.53	ppm	97
19) 4-Methylphenol	9.42	107	125524	5.18	ppm	100
22) Nitrobenzene	9.72	77	101795	4.77	ppm	98
23) Isophorone	10.28	82	169457	4.09	ppm	100
24) 2-Nitrophenol	10.45	139	51847	4.83	ppm	100
25) 2,4-Dimethylphenol	10.62	122	90610	5.15	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.85	93	122847	4.63	ppm		97
27) 2,4-Dichlorophenol	10.98	162	77448	4.74	ppm		98
28) 1,2,4-Trichlorobenzene	11.17	180	84470	4.58	ppm		99
29) Benzoic Acid	10.79	122	11185	6.16	ppm		98
30) Naphthalene	11.29	128	282911	5.23	ppm		100
31) 4-Chloroaniline	11.52	127	110554	4.62	ppm		100
32) Hexachlorobutadiene	11.77	225	45981	4.12	ppm		98
33) 4-Chloro-3-methylphenol	12.72	107	72098	4.23	ppm		98
34) 2-Methylnaphthalene	12.92	141	140772	4.93	ppm		97
35) 2,3-Dichloroaniline	13.69	161	86126	4.83	ppm		98
37) Hexachlorocyclopentadiene	13.48	237	27173	3.99	ppm		98
38) 2,4,6-Trichlorophenol	13.69	196	47091	5.70	ppm		99
39) 2,4,5-Trichlorophenol	13.77	196	47493	4.80	ppm		97
41) 2-Chloronaphthalene	14.05	162	154696	5.82	ppm		98
42) 2-Nitroaniline	14.42	65	33552	4.73	ppm		93
43) 1,3-Dinitrobenzene	14.98	168	20513	3.62	ppm	#	72
44) Acenaphthylene	15.03	152	220015	5.67	ppm		99
45) Dimethylphthalate	15.01	163	158253	5.44	ppm		98
46) 2,6-Dinitrotoluene	15.12	165	36004	4.82	ppm		95
47) Acenaphthene	15.48	154	138442	5.49	ppm		99
48) 3-Nitroaniline	15.41	138	36251	5.14	ppm	#	78
49) 2,4-Dinitrophenol	15.66	184	3690	4.92	ppm		93
50) Dibenzofuran	15.86	168	197184	5.08	ppm		87
51) 2,4-Dinitrotoluene	16.03	165	40428	4.06	ppm		98
52) 4-Nitrophenol	15.89	109	7058	7.02	ppm	#	1
53) Fluorene	16.67	166	151225	5.00	ppm		99
54) 4-Chlorophenyl-phenylether	16.75	204	70648	4.84	ppm		96
55) Diethylphthalate	16.70	149	143908	4.84	ppm		99
56) Azobenzene	17.10	77	149065	4.32	ppm		98
57) 4-Nitroaniline	16.87	138	32740	4.19	ppm		99
58) n-Octadecane	18.80	57	63694	4.57	ppm		95
60) 4,6-Dinitro-2-methylphenol	16.97	198	7796	6.38	ppm		96
61) n-Nitrosodiphenylamine	17.05	169	103571	5.27	ppm		99
63) 4-Bromophenyl-phenylether	17.88	248	46974	4.56	ppm		97
64) Hexachlorobenzene	18.17	284	63600	4.73	ppm		98
65) Pentachlorophenol	18.59	266	17641	2.29	ppm		96
66) Phenanthrene	18.85	178	193137	4.97	ppm		98
67) Anthracene	18.94	178	192718	4.91	ppm		99
68) Carbazole	19.30	167	153285	4.57	ppm		99
69) Di-n-butylphthalate	20.16	149	213984	4.70	ppm		100
70) Fluoranthene	20.96	202	168978	4.65	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.29	202	166893	4.90	ppm	96
73) 2,2'-Dichlorobenzil	21.47	139	110728	5.02	ppm	97
75) Benzidine	21.22	184	52055	4.06	ppm	96
76) Butylbenzylphthalate	22.42	149	72674	4.83	ppm	97
77) 3,3'-Dichlorobenzidine	23.26	252	44631	4.32	ppm	93
78) Benzo[a]anthracene	23.25	228	121898	4.93	ppm	99
79) Chrysene	23.33	228	121144	5.03	ppm	98
80) bis(2-Ethylhexyl)phthalate	23.55	149	82875	4.95	ppm	99
81) Di-n-octylphthalate	25.03	149	89293	4.87	ppm	100
83) Benzo[b]fluoranthene	25.87	252	116907	4.63	ppm	99
84) Benzo[k]fluoranthene	25.94	252	113974	4.54	ppm	99
85) Benzo[a]pyrene	26.65	252	97146	4.68	ppm	98
86) Indeno[1,2,3-cd]pyrene	29.38	276	84631	5.52	ppm	99
87) Dibenz[a,h]anthracene	29.47	278	86696	Below	Cal	98
88) Benzo[g,h,i]perylene	30.11	276	91830	5.76	ppm	99

(#) = qualifier out of range (m) = manual integration

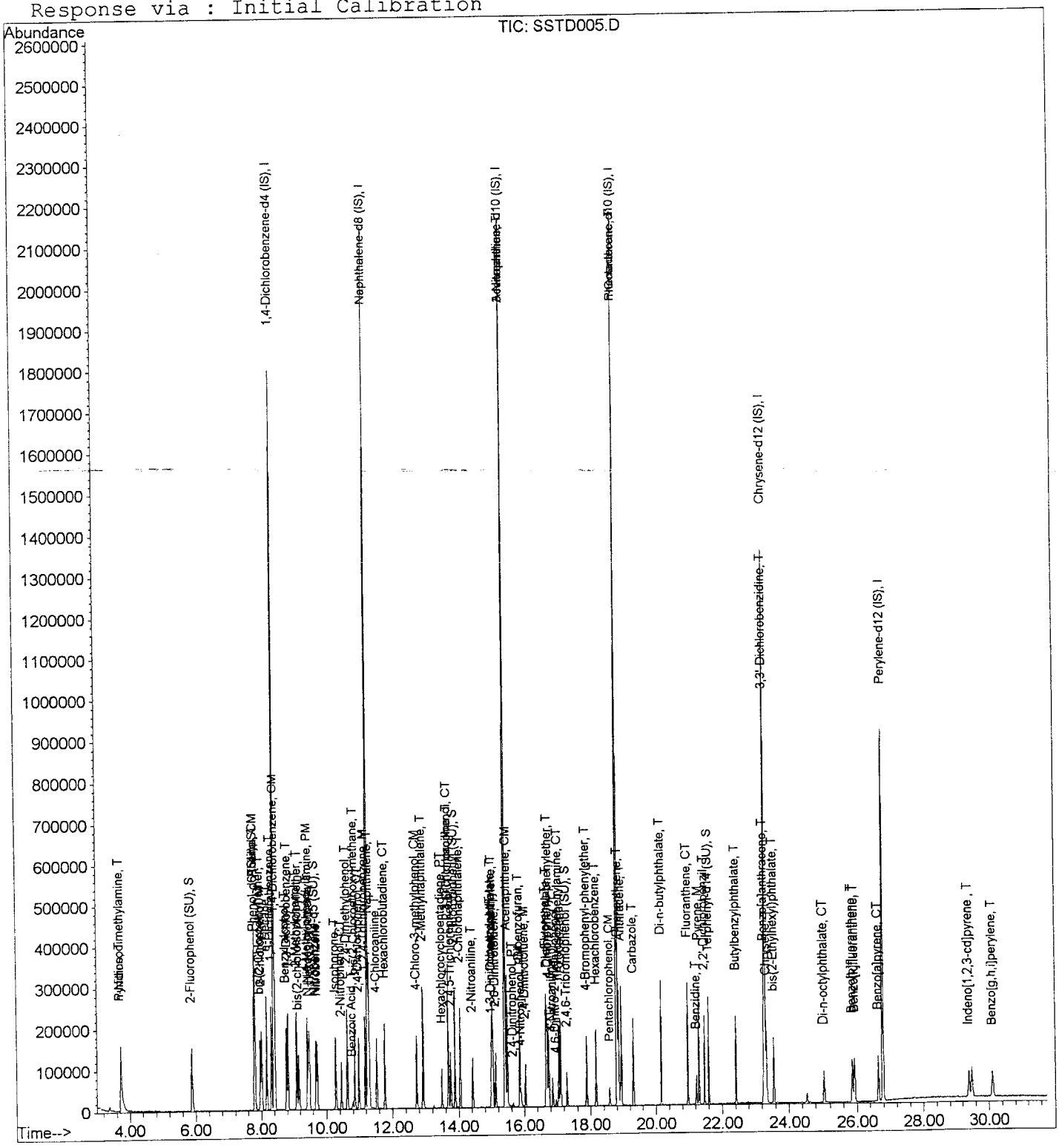
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration

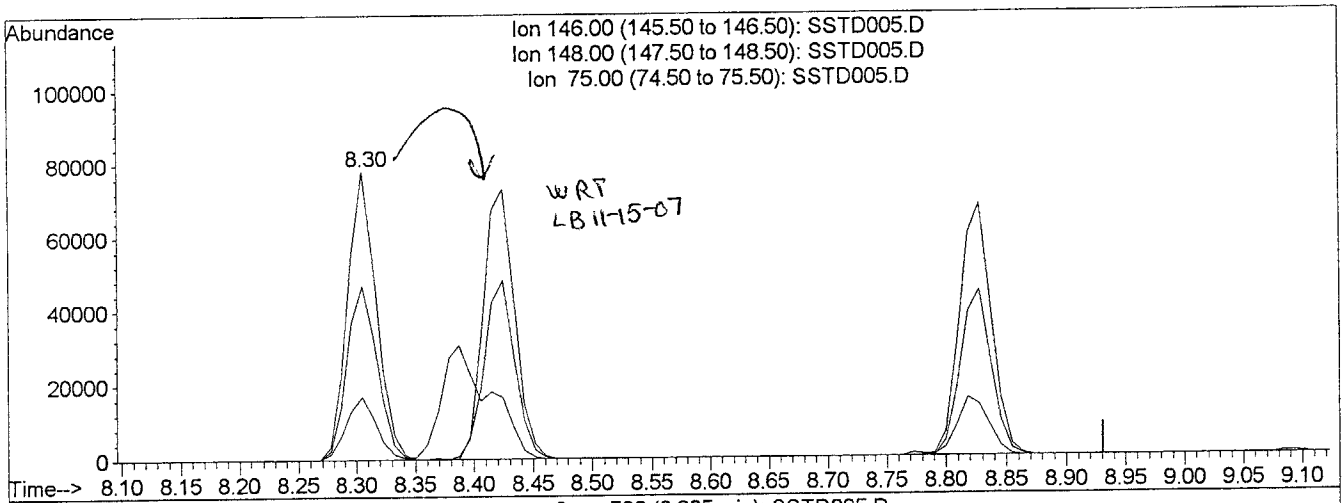


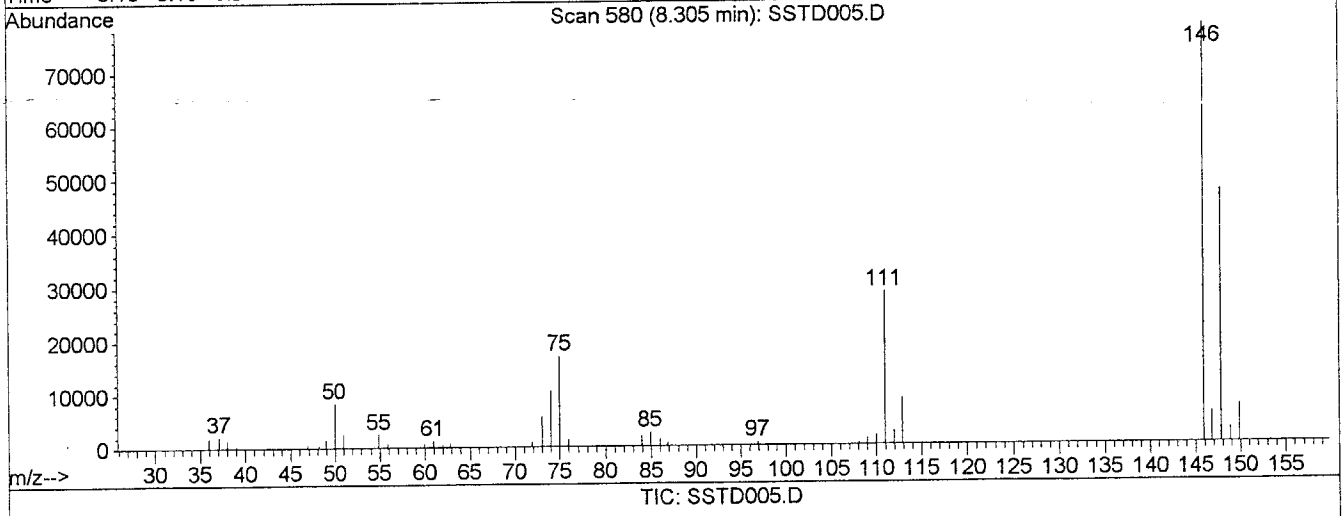
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
[illegible]

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

8.30min 5.63ppm

response 133725

Ion	Exp%	Act%
146.00	100	100
148.00	62.90	63.34
75.00	29.20	23.12
0.00	0.00	0.00

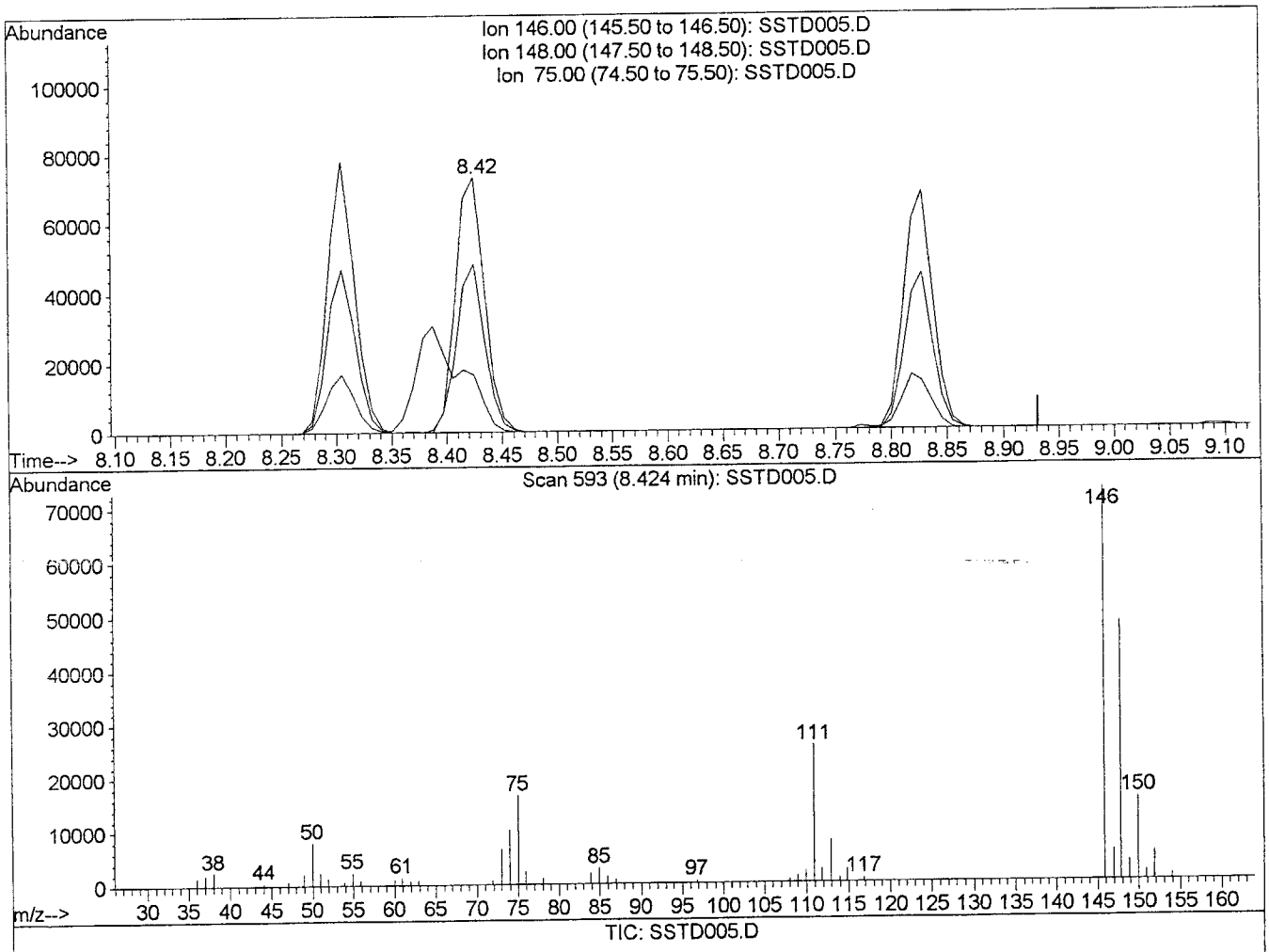
SSTD005.D G7K15SV.M Thu Nov 15 12:06:27 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
Quant Time: Nov 15 12:06:07 2007 RTE Integrator

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration



(12) 1,4-Dichlorobenzene (CM)

8.42min 5.60ppm m

response 133012

Ion	Exp%	Act%
146.00	100	100
148.00	62.90	63.68
75.00	29.20	23.24
0.00	0.00	0.00

SSTD005.D G7K15SV.M Thu Nov 15 12:06:34 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:37 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	607375	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2134737	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	950883	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1212133	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.28	240	938664	40.00	ppm	-0.02
82) Perylene-d12 (IS)	26.78	264	704829	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	130010	5.58	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 5.58%#			
7) Phenol-d6 (SU)	7.77	99	154733	5.43	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 5.43%#			
21) Nitrobenzene-d5 (SU)	9.68	82	97967	4.34	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 8.68%#			
40) 2-Fluorobiphenyl (SU)	13.89	172	185377	5.83	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 11.66%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	27567	4.39	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 4.39%#			
74) Terphenyl-d14 (SU)	21.60	244	131041	4.93	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 9.86%#			
Target Compounds						Qvalue
3) Pyridine	3.72	79	140358	5.42	ppm	99
4) n-Nitrosodimethylamine	3.70	74	89238	5.62	ppm	97
5) bis(2-Chloroethyl)ether	7.97	93	131323	5.30	ppm	98
6) Aniline	7.79	93	195670	5.59	ppm	97
8) Phenol	7.80	94	176210	5.67	ppm	98
9) 2-Chlorophenol	8.00	128	117637	5.36	ppm	99
10) n-Decane	8.16	57	105156	5.51	ppm	95
11) 1,3-Dichlorobenzene	8.30	146	133725	5.57	ppm	99
12) 1,4-Dichlorobenzene	8.30	146	133725	5.63	ppm	96
13) 1,2-Dichlorobenzene	8.83	146	124258	5.50	ppm	98
14) Benzyl alcohol	8.77	108	70230	4.76	ppm	97
15) bis(2-chloroisopropyl)ethe	9.15	45	103543	5.13	ppm	98
16) 2-Methylphenol	9.09	107	87330	5.01	ppm	99
17) Hexachloroethane	9.49	117	47198	5.53	ppm	98
18) N-Nitroso-di-n-propylamine	9.46	70	68214	4.53	ppm	97
19) 4-Methylphenol	9.42	107	125524	5.18	ppm	100
22) Nitrobenzene	9.72	77	101795	4.77	ppm	98
23) Isophorone	10.28	82	169457	4.09	ppm	100
24) 2-Nitrophenol	10.45	139	51847	4.83	ppm	100
25) 2,4-Dimethylphenol	10.62	122	90610	5.15	ppm	99

(#) = qualifier out of range (m) = manual integration
SSTD005.D G7K15SV.M Thu Nov 15 11:37:50 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:37 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.85	93	122847	4.63	ppm		97
27) 2,4-Dichlorophenol	10.98	162	77448	4.74	ppm		98
28) 1,2,4-Trichlorobenzene	11.17	180	84470	4.58	ppm		99
29) Benzoic Acid	10.79	122	11185	6.16	ppm		98
30) Naphthalene	11.29	128	282911	5.23	ppm		100
31) 4-Chloroaniline	11.52	127	110554	4.62	ppm		100
32) Hexachlorobutadiene	11.77	225	45981	4.12	ppm		98
33) 4-Chloro-3-methylphenol	12.72	107	72098	4.23	ppm		98
34) 2-Methylnaphthalene	12.92	141	140772	4.93	ppm		97
35) 2,3-Dichloroaniline	13.69	161	86126	4.83	ppm		98
37) Hexachlorocyclopentadiene	13.48	237	27173	3.99	ppm		98
38) 2,4,6-Trichlorophenol	13.69	196	47091	5.70	ppm		99
39) 2,4,5-Trichlorophenol	13.77	196	47493	4.80	ppm		97
41) 2-Chloronaphthalene	14.05	162	154696	5.82	ppm		98
42) 2-Nitroaniline	14.42	65	33552	4.73	ppm		93
43) 1,3-Dinitrobenzene	14.98	168	20513	3.62	ppm	#	72
44) Acenaphthylene	15.03	152	220015	5.67	ppm		99
45) Dimethylphthalate	15.01	163	158253	5.44	ppm		98
46) 2,6-Dinitrotoluene	15.12	165	36004	4.82	ppm		95
47) Acenaphthene	15.48	154	138442	5.49	ppm		99
48) 3-Nitroaniline	15.41	138	36251	5.14	ppm	#	78
49) 2,4-Dinitrophenol	15.66	184	3690	4.92	ppm		93
50) Dibenzofuran	15.86	168	197184	5.08	ppm		87
51) 2,4-Dinitrotoluene	16.03	165	40428	4.06	ppm		98
52) 4-Nitrophenol	15.89	109	7058	7.02	ppm	#	1
53) Fluorene	16.67	166	151225	5.00	ppm		99
54) 4-Chlorophenyl-phenylether	16.75	204	70648	4.84	ppm		96
55) Diethylphthalate	16.70	149	143908	4.84	ppm		99
56) Azobenzene	17.10	77	149065	4.32	ppm		98
57) 4-Nitroaniline	16.87	138	32740	4.19	ppm		99
58) n-Octadecane	18.80	57	63694	4.57	ppm		95
60) 4,6-Dinitro-2-methylphenol	16.97	198	7796	6.38	ppm		96
61) n-Nitrosodiphenylamine	17.05	169	103571	5.27	ppm		99
63) 4-Bromophenyl-phenylether	17.88	248	46974	4.56	ppm		97
64) Hexachlorobenzene	18.17	284	63600	4.73	ppm		98
65) Pentachlorophenol	18.59	266	17641	2.29	ppm		96
66) Phenanthrene	18.85	178	193137	4.97	ppm		98
67) Anthracene	18.94	178	192718	4.91	ppm		99
68) Carbazole	19.30	167	153285	4.57	ppm		99
69) Di-n-butylphthalate	20.16	149	213984	4.70	ppm		100
70) Fluoranthene	20.96	202	168978	4.65	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:37 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.29	202	166893	4.90 ppm	96
73) 2,2'-Dichlorobenzil	21.47	139	110728	5.02 ppm	97
75) Benzidine	21.22	184	52055	4.06 ppm	96
76) Butylbenzylphthalate	22.42	149	72674	4.83 ppm	97
77) 3,3'-Dichlorobenzidine	23.26	252	44631	4.32 ppm	93
78) Benzo[a]anthracene	23.25	228	121898	4.93 ppm	99
79) Chrysene	23.33	228	121144	5.03 ppm	98
80) bis(2-Ethylhexyl)phthalate	23.55	149	82875	4.95 ppm	99
81) Di-n-octylphthalate	25.03	149	89293	4.87 ppm	100
83) Benzo[b]fluoranthene	25.87	252	116907	4.63 ppm	99
84) Benzo[k]fluoranthene	25.94	252	113974	4.54 ppm	99
85) Benzo[a]pyrene	26.65	252	97146	4.68 ppm	98
86) Indeno[1,2,3-cd]pyrene	29.38	276	84631	5.52 ppm	99
87) Dibenz[a,h]anthracene	29.47	278	86696	Below Cal	98
88) Benzo[g,h,i]perylene	30.11	276	91830	5.76 ppm	99

(#) = qualifier out of range (m) = manual integration

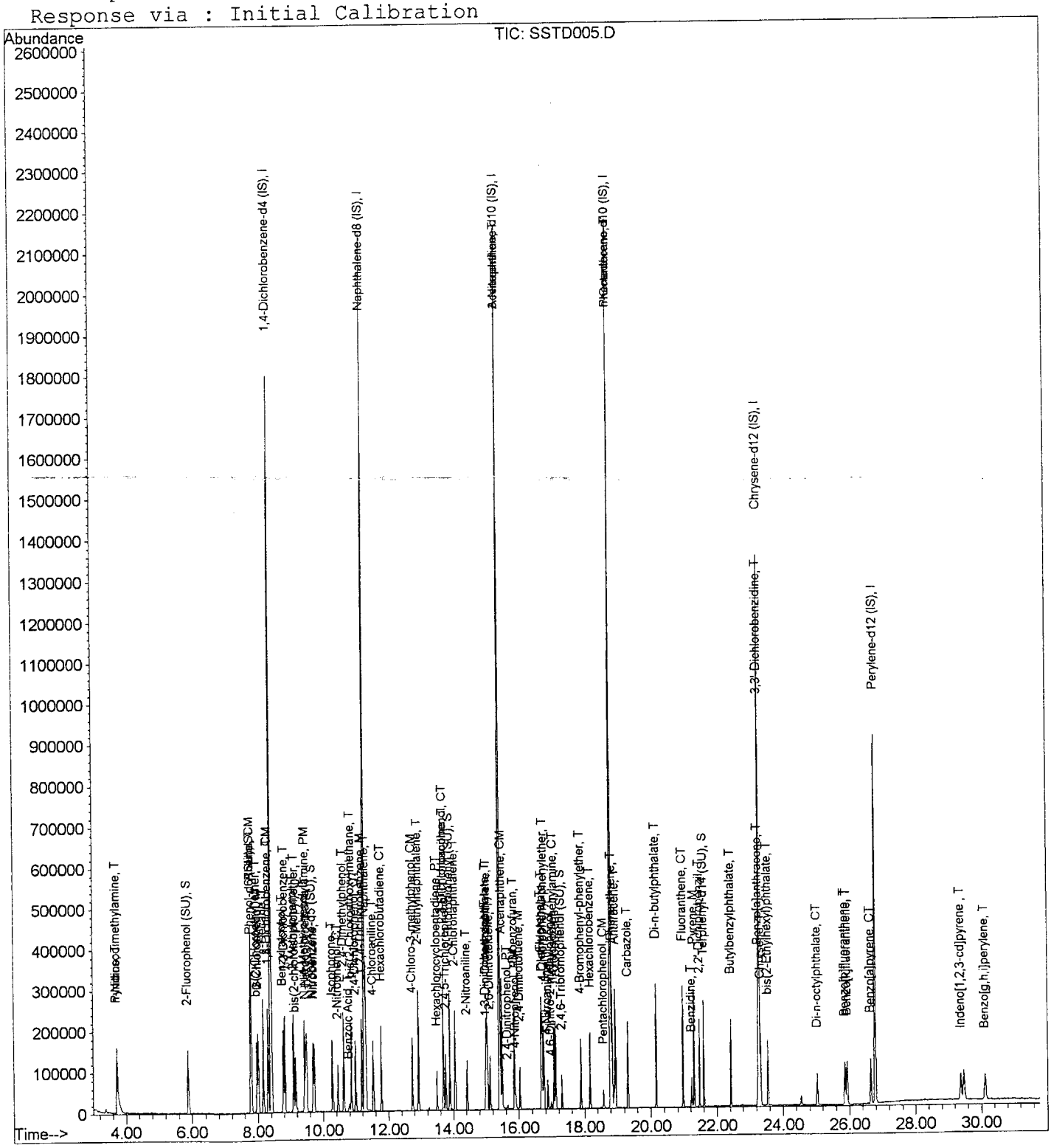
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D
Acq On : 15 Nov 2007 10:13 am
Sample : 5ppm STD #7100428
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 11:37 19107

Vial: 3
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.38	152	420231	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.25	136	1426725	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	758898	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1178624	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	966610	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	671414	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.87	112	180662	11.20	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 11.20%#			
7) Phenol-d6 (SU)	7.78	99	195461	9.91	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.91%#			
21) Nitrobenzene-d5 (SU)	9.68	82	125453	8.32	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 16.64%#			
40) 2-Fluorobiphenyl (SU)	13.88	172	269951	10.64	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.28%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	54676	8.96	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 8.96%#			
74) Terphenyl-d14 (SU)	21.60	244	271310	9.91	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 19.82%#			
Target Compounds						Qvalue
3) Pyridine	3.72	79	197893	11.04	ppm	99
4) n-Nitrosodimethylamine	3.71	74	117917	10.73	ppm	96
5) bis(2-Chloroethyl)ether	7.96	93	168435	9.82	ppm	88
6) Aniline	7.80	93	245357	10.13	ppm	97
8) Phenol	7.80	94	225942	10.51	ppm	96
9) 2-Chlorophenol	8.01	128	150764	9.92	ppm	98
10) n-Decane	8.16	57	160301	12.15	ppm	98
11) 1,3-Dichlorobenzene	8.30	146	180786	10.89	ppm	99
12) 1,4-Dichlorobenzene	8.42	146	182867	11.13	ppm	94
13) 1,2-Dichlorobenzene	8.82	146	164133	10.50	ppm	97
14) Benzyl alcohol	8.77	108	86006	8.43	ppm	99
15) bis(2-chloroisopropyl)ethe	9.15	45	134288	9.61	ppm	99
16) 2-Methylphenol	9.09	107	108637	9.01	ppm	98
17) Hexachloroethane	9.49	117	63835	10.81	ppm	98
18) N-Nitroso-di-n-propylamine	9.47	70	86229	8.28	ppm	97
19) 4-Methylphenol	9.42	107	154789	9.23	ppm	97
22) Nitrobenzene	9.72	77	125042	8.76	ppm	100
23) Isophorone	10.28	82	225050	8.13	ppm	98
24) 2-Nitrophenol	10.46	139	68622	9.57	ppm	95
25) 2,4-Dimethylphenol	10.62	122	113498	9.65	ppm	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.85	93	167410	9.44	ppm		99
27) 2,4-Dichlorophenol	10.99	162	102909	9.42	ppm		97
28) 1,2,4-Trichlorobenzene	11.17	180	114386	9.28	ppm		98
29) Benzoic Acid	10.82	122	31635	9.18	ppm		100
30) Naphthalene	11.29	128	371261	10.27	ppm		100
31) 4-Chloroaniline	11.53	127	154075	9.64	ppm		98
32) Hexachlorobutadiene	11.77	225	61992	8.31	ppm		98
33) 4-Chloro-3-methylphenol	12.72	107	98199	8.62	ppm		96
34) 2-Methylnaphthalene	12.92	141	199500	10.44	ppm		99
35) 2,3-Dichloroaniline	13.69	161	126346	10.59	ppm		99
37) Hexachlorocyclopentadiene	13.48	237	38253	7.04	ppm		97
38) 2,4,6-Trichlorophenol	13.68	196	69765	10.58	ppm		96
39) 2,4,5-Trichlorophenol	13.76	196	71801	9.10	ppm		96
41) 2-Chloronaphthalene	14.05	162	230856	10.87	ppm		99
42) 2-Nitroaniline	14.42	65	56236	9.92	ppm		96
43) 1,3-Dinitrobenzene	14.98	168	36381	9.02	ppm	#	70
44) Acenaphthylene	15.03	152	341293	11.03	ppm		99
45) Dimethylphthalate	15.00	163	262731	11.32	ppm		99
46) 2,6-Dinitrotoluene	15.13	165	62102	10.42	ppm		98
47) Acenaphthene	15.48	154	212382	10.55	ppm		98
48) 3-Nitroaniline	15.41	138	68595	12.18	ppm		94
49) 2,4-Dinitrophenol	15.65	184	10432	8.12	ppm		96
50) Dibenzofuran	15.86	168	319227	10.30	ppm		92
51) 2,4-Dinitrotoluene	16.04	165	77521	9.75	ppm		98
52) 4-Nitrophenol	15.89	109	14321	9.75	ppm	#	36
53) Fluorene	16.67	166	262738	10.89	ppm		99
54) 4-Chlorophenyl-phenylether	16.74	204	120432	10.34	ppm		95
55) Diethylphthalate	16.71	149	268416	11.31	ppm		99
56) Azobenzene	17.11	77	266741	9.70	ppm		97
57) 4-Nitroaniline	16.87	138	66498	10.65	ppm		99
58) n-Octadecane	18.81	57	125530	11.30	ppm		96
60) 4,6-Dinitro-2-methylphenol	16.97	198	19857	8.81	ppm		96
61) n-Nitrosodiphenylamine	17.06	169	192186	10.05	ppm		100
63) 4-Bromophenyl-phenylether	17.89	248	90786	9.07	ppm		96
64) Hexachlorobenzene	18.16	284	124974	9.55	ppm		98
65) Pentachlorophenol	18.59	266	45476	6.07	ppm		97
66) Phenanthrene	18.85	178	380361	10.07	ppm		99
67) Anthracene	18.94	178	375727	9.84	ppm		99
68) Carbazole	19.31	167	310642	9.52	ppm		98
69) Di-n-butylphthalate	20.15	149	471502	10.66	ppm		99
70) Fluoranthene	20.97	202	355236	10.06	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.30	202	356145	10.15	ppm	98
73) 2,2'-Dichlorobenzil	21.47	139	250183	11.01	ppm	98
75) Benzidine	21.23	184	106587	8.07	ppm	99
76) Butylbenzylphthalate	22.42	149	158108	10.20	ppm	98
77) 3,3'-Dichlorobenzidine	23.26	252	98643	9.26	ppm	94
78) Benzo[a]anthracene	23.25	228	264142	10.37	ppm	99
79) Chrysene	23.33	228	254041	10.24	ppm	99
80) bis(2-Ethylhexyl)phthalate	23.54	149	185974	10.78	ppm	100
81) Di-n-octylphthalate	25.03	149	206622	10.94	ppm	100
83) Benzo[b]fluoranthene	25.87	252	233363	9.71	ppm	98
84) Benzo[k]fluoranthene	25.94	252	225799	9.43	ppm	99
85) Benzo[a]pyrene	26.64	252	191836	9.71	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.38	276	163408	11.18	ppm	98
87) Dibenz[a,h]anthracene	29.47	278	171827	6.19	ppm	99
88) Benzo[g,h,i]perylene	30.12	276	176926	11.65	ppm	99

(#) = qualifier out of range (m) = manual integration

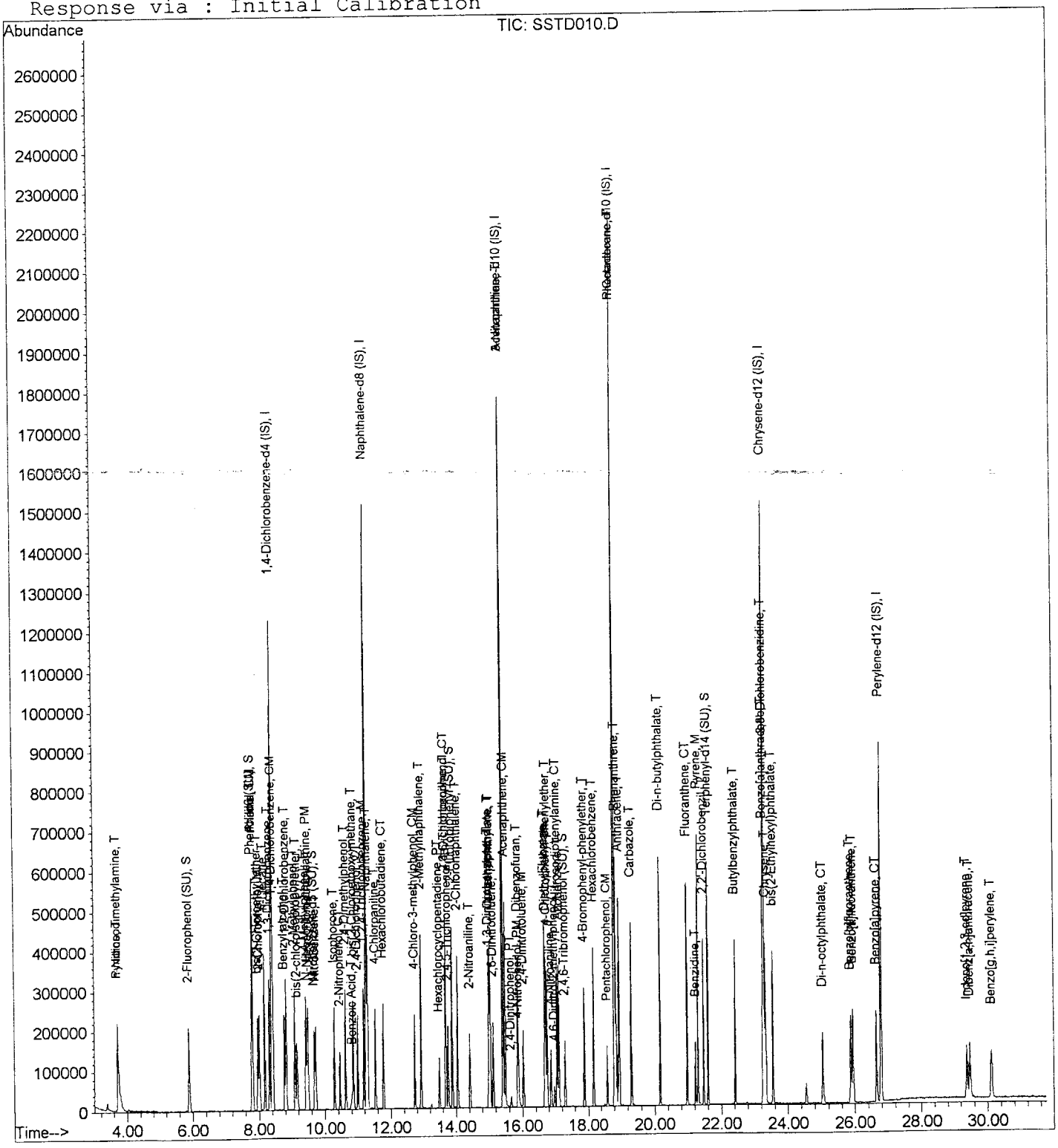
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.38	152	420231	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.25	136	1426725	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	758898	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1178624	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	966610	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	671414	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.87	112	180662	11.20	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 11.20%#			
7) Phenol-d6 (SU)	7.78	99	195461	9.91	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.91%#			
21) Nitrobenzene-d5 (SU)	9.68	82	125453	8.32	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 16.64%#			
40) 2-Fluorobiphenyl (SU)	13.88	172	269951	10.64	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.28%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	54676	8.96	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 8.96%#			
74) Terphenyl-d14 (SU)	21.60	244	271310	9.91	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 19.82%#			
Target Compounds						Qvalue
3) Pyridine	3.72	79	197893	11.04	ppm	99
4) n-Nitrosodimethylamine	3.71	74	117917	10.73	ppm	96
5) bis(2-Chloroethyl)ether	7.96	93	168435	9.82	ppm	88
6) Aniline	7.80	93	245357	10.13	ppm	97
8) Phenol	7.80	94	225942	10.51	ppm	96
9) 2-Chlorophenol	8.01	128	150764	9.92	ppm	98
10) n-Decane	8.16	57	160301	12.15	ppm	98
11) 1,3-Dichlorobenzene	8.30	146	180786	10.89	ppm	99
12) 1,4-Dichlorobenzene	8.42	146	182867	11.13	ppm	94
13) 1,2-Dichlorobenzene	8.82	146	164133	10.50	ppm	97
14) Benzyl alcohol	8.77	108	86006	8.43	ppm	99
15) bis(2-chloroisopropyl)ethe	9.15	45	134288	9.61	ppm	99
16) 2-Methylphenol	9.09	107	108637	9.01	ppm	98
17) Hexachloroethane	9.49	117	63835	10.81	ppm	98
18) N-Nitroso-di-n-propylamine	9.47	70	86229	8.28	ppm	97
19) 4-Methylphenol	9.42	107	154789	9.23	ppm	97
22) Nitrobenzene	9.72	77	125042	8.76	ppm	100
23) Isophorone	10.28	82	225050	8.13	ppm	98
24) 2-Nitrophenol	10.46	139	68622	9.57	ppm	95
25) 2,4-Dimethylphenol	10.62	122	113498	9.65	ppm	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D Vial: 4
Acq On : 15 Nov 2007 10:51 am Operator: DF/AI
Sample : 10ppm STD #7100429 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.85	93	167410	9.44	ppm		99
27) 2,4-Dichlorophenol	10.99	162	102909	9.42	ppm		97
28) 1,2,4-Trichlorobenzene	11.17	180	114386	9.28	ppm		98
29) Benzoic Acid	10.82	122	31635	9.18	ppm		100
30) Naphthalene	11.29	128	371261	10.27	ppm		100
31) 4-Chloroaniline	11.53	127	154075	9.64	ppm		98
32) Hexachlorobutadiene	11.77	225	61992	8.31	ppm		98
33) 4-Chloro-3-methylphenol	12.72	107	98199	8.62	ppm		96
34) 2-Methylnaphthalene	12.92	141	199500	10.44	ppm		99
35) 2,3-Dichloroaniline	13.69	161	126346	10.59	ppm		99
37) Hexachlorocyclopentadiene	13.48	237	38253	7.04	ppm		97
38) 2,4,6-Trichlorophenol	13.68	196	69765	10.58	ppm		96
39) 2,4,5-Trichlorophenol	13.76	196	71801	9.10	ppm		96
41) 2-Chloronaphthalene	14.05	162	230856	10.87	ppm		99
42) 2-Nitroaniline	14.42	65	56236	9.92	ppm		96
43) 1,3-Dinitrobenzene	14.98	168	36381	9.02	ppm	#	70
44) Acenaphthylene	15.03	152	341293	11.03	ppm		99
45) Dimethylphthalate	15.00	163	262731	11.32	ppm		99
46) 2,6-Dinitrotoluene	15.13	165	62102	10.42	ppm		98
47) Acenaphthene	15.48	154	212382	10.55	ppm		98
48) 3-Nitroaniline	15.41	138	68595	12.18	ppm		94
49) 2,4-Dinitrophenol	15.65	184	10432	8.12	ppm		96
50) Dibenzofuran	15.86	168	319227	10.30	ppm		92
51) 2,4-Dinitrotoluene	16.04	165	77521	9.75	ppm		98
52) 4-Nitrophenol	15.89	109	14321	9.75	ppm	#	36
53) Fluorene	16.67	166	262738	10.89	ppm		99
54) 4-Chlorophenyl-phenylether	16.74	204	120432	10.34	ppm		95
55) Diethylphthalate	16.71	149	268416	11.31	ppm		99
56) Azobenzene	17.11	77	266741	9.70	ppm		97
57) 4-Nitroaniline	16.87	138	66498	10.65	ppm		99
58) n-Octadecane	18.81	57	125530	11.30	ppm		96
60) 4,6-Dinitro-2-methylphenol	16.97	198	19857	8.81	ppm		96
61) n-Nitrosodiphenylamine	17.06	169	192186	10.05	ppm		100
63) 4-Bromophenyl-phenylether	17.89	248	90786	9.07	ppm		96
64) Hexachlorobenzene	18.16	284	124974	9.55	ppm		98
65) Pentachlorophenol	18.59	266	45476	6.07	ppm		97
66) Phenanthrene	18.85	178	380361	10.07	ppm		99
67) Anthracene	18.94	178	375727	9.84	ppm		99
68) Carbazole	19.31	167	310642	9.52	ppm		98
69) Di-n-butylphthalate	20.15	149	471502	10.66	ppm		99
70) Fluoranthene	20.97	202	355236	10.06	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.30	202	356145	10.15	ppm	98
73) 2,2'-Dichlorobenzil	21.47	139	250183	11.01	ppm	98
75) Benzidine	21.23	184	106587	8.07	ppm	99
76) Butylbenzylphthalate	22.42	149	158108	10.20	ppm	98
77) 3,3'-Dichlorobenzidine	23.26	252	98643	9.26	ppm	94
78) Benzo[a]anthracene	23.25	228	264142	10.37	ppm	99
79) Chrysene	23.33	228	254041	10.24	ppm	99
80) bis(2-Ethylhexyl)phthalate	23.54	149	185974	10.78	ppm	100
81) Di-n-octylphthalate	25.03	149	206622	10.94	ppm	100
83) Benzo[b]fluoranthene	25.87	252	233363	9.71	ppm	98
84) Benzo[k]fluoranthene	25.94	252	225799	9.43	ppm	99
85) Benzo[a]pyrene	26.64	252	191836	9.71	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.38	276	163408	11.18	ppm	98
87) Dibenz[a,h]anthracene	29.47	278	171827	6.19	ppm	99
88) Benzo[g,h,i]perylene	30.12	276	176926	11.65	ppm	99

(#) = qualifier out of range (m) = manual integration

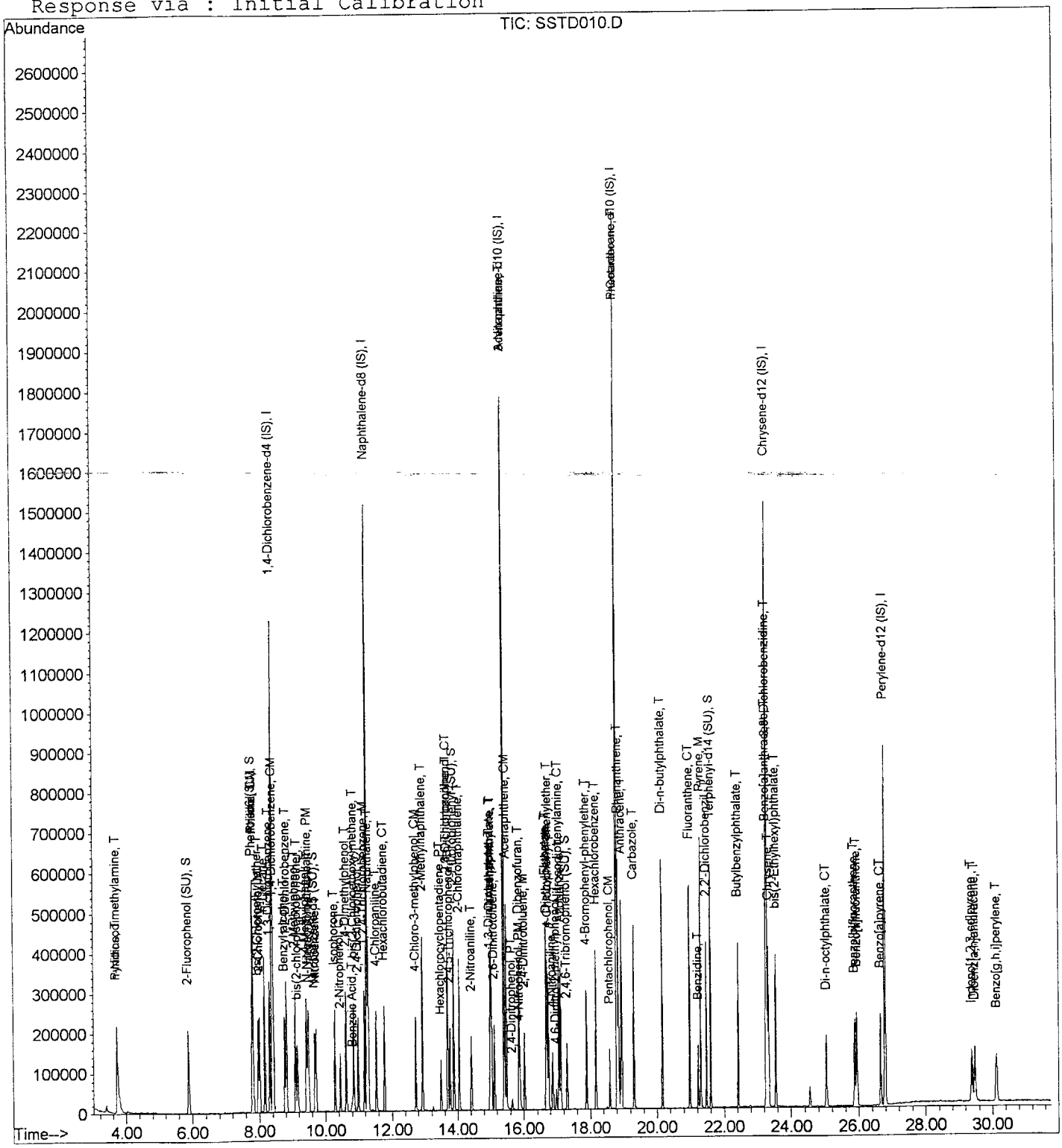
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD010.D
Acq On : 15 Nov 2007 10:51 am
Sample : 10ppm STD #7100429
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:34 19107

Vial: 4
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	426944	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	1421884	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	702912	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1001987	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	730353	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.79	264	535378	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1400138	85.44	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 85.44%			
7) Phenol-d6 (SU)	7.80	99	1409161	70.33	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 70.33%			
21) Nitrobenzene-d5 (SU)	9.70	82	1008870	67.13	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 134.26%#			
40) 2-Fluorobiphenyl (SU)	13.90	172	1891782	80.51	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 161.02%#			
62) 2,4,6-Tribromophenol (SU)	17.32	330	450335	86.83	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.83%			
74) Terphenyl-d14 (SU)	21.61	244	1704998	82.39	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 164.78%#			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1529491	83.96	ppm	100
4) n-Nitrosodimethylamine	3.71	74	901989	80.76	ppm	99
5) bis(2-Chloroethyl)ether	7.98	93	1288859	73.94	ppm	100
6) Aniline	7.80	93	1715154	69.73	ppm	100
8) Phenol	7.83	94	1579903	72.37	ppm	99
9) 2-Chlorophenol	8.01	128	1193691	77.31	ppm	99
10) n-Decane	8.17	57	1047921	78.16	ppm	99
11) 1,3-Dichlorobenzene	8.32	146	1350708	80.09	ppm	99
12) 1,4-Dichlorobenzene	8.43	146	1335362	80.01	ppm	98
13) 1,2-Dichlorobenzene	8.83	146	1227264	77.25	ppm	99
14) Benzyl alcohol	8.79	108	718154	69.30	ppm	97
15) bis(2-chloroisopropyl)ethe	9.16	45	1057669	74.51	ppm	98
16) 2-Methylphenol	9.11	107	853212	69.68	ppm	99
17) Hexachloroethane	9.49	117	465311	77.59	ppm	99
18) N-Nitroso-di-n-propylamine	9.50	70	623444	58.91	ppm	99
19) 4-Methylphenol	9.45	107	1220418	71.60	ppm	100
22) Nitrobenzene	9.74	77	961857	67.63	ppm	97
23) Isophorone	10.31	82	1745763	63.27	ppm	99
24) 2-Nitrophenol	10.46	139	597527	83.62	ppm	98
25) 2,4-Dimethylphenol	10.65	122	911333	77.74	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.87	93	1290658	73.03	ppm		99
27)	2,4-Dichlorophenol	11.00	162	809686	74.38	ppm		99
28)	1,2,4-Trichlorobenzene	11.19	180	853901	69.54	ppm		99
29)	Benzoic Acid	11.03	122	499196	67.90	ppm		95
30)	Naphthalene	11.31	128	2725323	75.64	ppm		100
31)	4-Chloroaniline	11.54	127	1201418	75.39	ppm		99
32)	Hexachlorobutadiene	11.78	225	477137	64.21	ppm		99
33)	4-Chloro-3-methylphenol	12.73	107	780101	68.74	ppm		98
34)	2-Methylnaphthalene	12.94	141	1440310	75.66	ppm		99
35)	2,3-Dichloroaniline	13.71	161	864619	72.75	ppm		100
37)	Hexachlorocyclopentadiene	13.49	237	370042	73.55	ppm		98
38)	2,4,6-Trichlorophenol	13.70	196	497477	81.46	ppm		98
39)	2,4,5-Trichlorophenol	13.77	196	592069	81.02	ppm		99
41)	2-Chloronaphthalene	14.06	162	1647734	83.79	ppm		99
42)	2-Nitroaniline	14.44	65	454675	86.63	ppm		98
43)	1,3-Dinitrobenzene	15.01	168	337922	97.60	ppm		95
44)	Acenaphthylene	15.04	152	2257556	78.77	ppm		99
45)	Dimethylphthalate	15.04	163	1777717	82.68	ppm		99
46)	2,6-Dinitrotoluene	15.15	165	498052	90.22	ppm		96
47)	Acenaphthene	15.50	154	1481107	79.44	ppm		99
48)	3-Nitroaniline	15.45	138	566144	108.58	ppm		99
49)	2,4-Dinitrophenol	15.68	184	228338	91.12	ppm		98
50)	Dibenzofuran	15.88	168	2271017	79.08	ppm		84
51)	2,4-Dinitrotoluene	16.06	165	680963	92.47	ppm		99
52)	4-Nitrophenol	15.92	109	176347	64.94	ppm	#	1
53)	Fluorene	16.69	166	1814948	81.23	ppm		99
54)	4-Chlorophenyl-phenylether	16.76	204	818567	75.85	ppm		100
55)	Diethylphthalate	16.73	149	1884014	85.72	ppm		99
56)	Azobenzene	17.13	77	2021074	79.33	ppm		100
57)	4-Nitroaniline	16.92	138	572738	99.07	ppm		100
58)	n-Octadecane	18.81	57	750419	72.91	ppm		98
60)	4,6-Dinitro-2-methylphenol	17.02	198	330475	78.66	ppm		99
61)	n-Nitrosodiphenylamine	17.08	169	1368095	84.16	ppm		99
63)	4-Bromophenyl-phenylether	17.90	248	641823	75.39	ppm		99
64)	Hexachlorobenzene	18.18	284	830490	74.66	ppm		100
65)	Pentachlorophenol	18.60	266	512871	80.47	ppm		100
66)	Phenanthrene	18.87	178	2554853	79.53	ppm		99
67)	Anthracene	18.96	178	2580034	79.51	ppm		99
68)	Carbazole	19.33	167	2313182	83.34	ppm		99
69)	Di-n-butylphthalate	20.17	149	3131988	83.29	ppm		100
70)	Fluoranthene	20.97	202	2292739	76.40	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	2256016	85.08	ppm	99
73) 2,2'-Dichlorobenzil	21.48	139	1677696	97.74	ppm	100
75) Benzidine	21.22	184	610387	61.16	ppm	100
76) Butylbenzylphthalate	22.43	149	1039503	88.72	ppm	100
77) 3,3'-Dichlorobenzidine	23.28	252	628430	78.09	ppm	97
78) Benzo[a]anthracene	23.26	228	1515201	78.70	ppm	100
79) Chrysene	23.35	228	1455630	77.65	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1267438	97.20	ppm	100
81) Di-n-octylphthalate	25.04	149	1548878	108.55	ppm	99
83) Benzo[b]fluoranthene	25.90	252	1434189	74.86	ppm	99
84) Benzo[k]fluoranthene	25.97	252	1440923	75.48	ppm	100
85) Benzo[a]pyrene	26.67	252	1249514	79.30	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.42	276	1259195	108.08	ppm	99
87) Dibenz[a,h]anthracene	29.50	278	1323939	111.84	ppm	100
88) Benzo[g,h,i]perylene	30.15	276	1335190	110.27	ppm	99

(#) = qualifier out of range (m) = manual integration

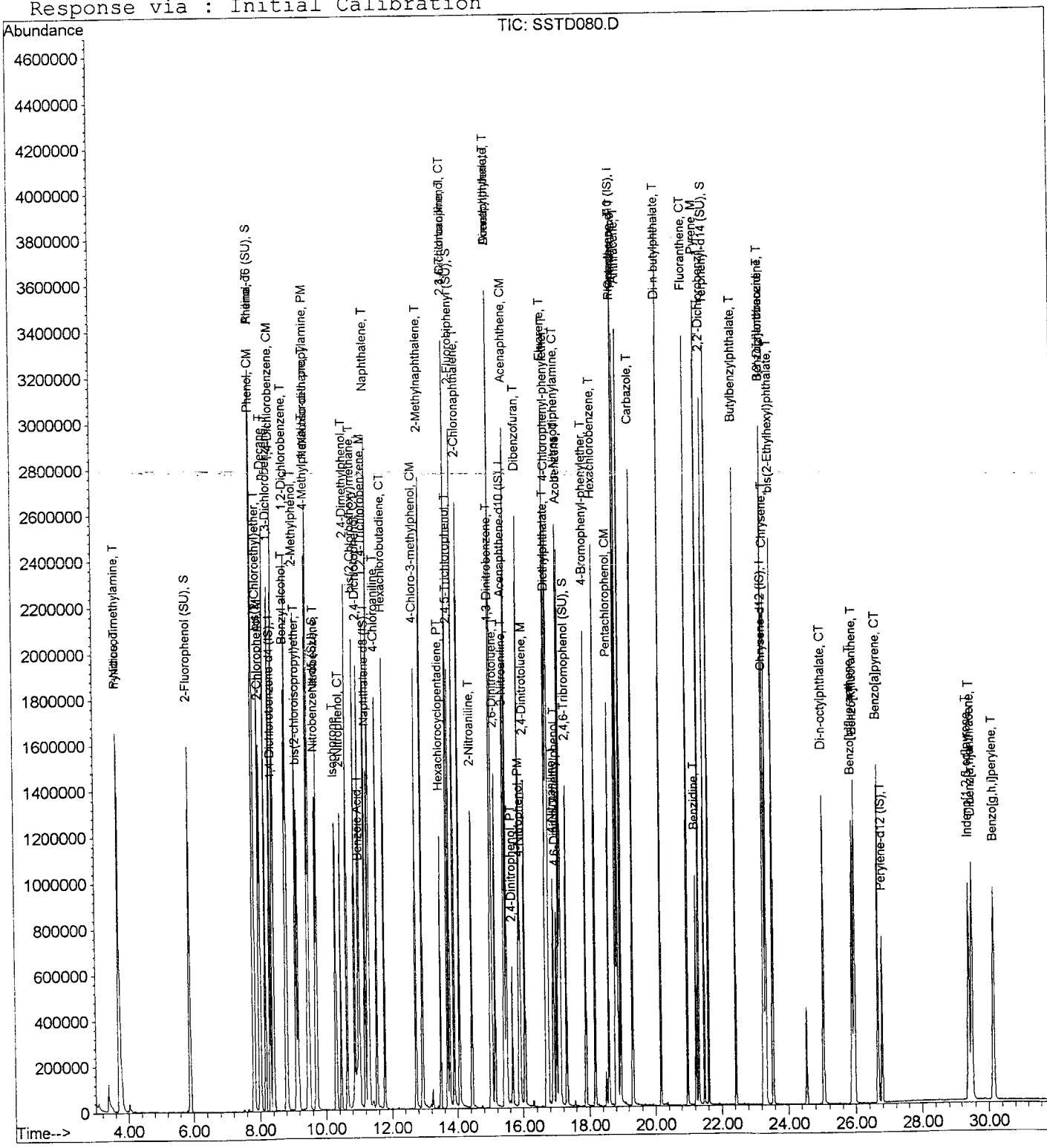
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	426944	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	1421884	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	702912	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1001987	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	730353	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.79	264	535378	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1400138	85.44	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 85.44%			
7) Phenol-d6 (SU)	7.80	99	1409161	70.33	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 70.33%			
21) Nitrobenzene-d5 (SU)	9.70	82	1008870	67.13	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 134.26%#			
40) 2-Fluorobiphenyl (SU)	13.90	172	1891782	80.51	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 161.02%#			
62) 2,4,6-Tribromophenol (SU)	17.32	330	450335	86.83	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.83%			
74) Terphenyl-d14 (SU)	21.61	244	1704998	82.39	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 164.78%#			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1529491	83.96	ppm	100
4) n-Nitrosodimethylamine	3.71	74	901989	80.76	ppm	99
5) bis(2-Chloroethyl)ether	7.98	93	1288859	73.94	ppm	100
6) Aniline	7.80	93	1715154	69.73	ppm	100
8) Phenol	7.83	94	1579903	72.37	ppm	99
9) 2-Chlorophenol	8.01	128	1193691	77.31	ppm	99
10) n-Decane	8.17	57	1047921	78.16	ppm	99
11) 1,3-Dichlorobenzene	8.32	146	1350708	80.09	ppm	99
12) 1,4-Dichlorobenzene	8.43	146	1335362	80.01	ppm	98
13) 1,2-Dichlorobenzene	8.83	146	1227264	77.25	ppm	99
14) Benzyl alcohol	8.79	108	718154	69.30	ppm	97
15) bis(2-chloroisopropyl)ethe	9.16	45	1057669	74.51	ppm	98
16) 2-Methylphenol	9.11	107	853212	69.68	ppm	99
17) Hexachloroethane	9.49	117	465311	77.59	ppm	99
18) N-Nitroso-di-n-propylamine	9.50	70	623444	58.91	ppm	99
19) 4-Methylphenol	9.45	107	1220418	71.60	ppm	100
22) Nitrobenzene	9.74	77	961857	67.63	ppm	97
23) Isophorone	10.31	82	1745763	63.27	ppm	99
24) 2-Nitrophenol	10.46	139	597527	83.62	ppm	98
25) 2,4-Dimethylphenol	10.65	122	911333	77.74	ppm	98

(#) = qualifier out of range (m) = manual integration
SSTD080.D G7K15SV.M Thu Nov 15 12:37:22 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D Vial: 5
Acq On : 15 Nov 2007 11:30 am Operator: DF/AI
Sample : 80ppm STD #7100432 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.87	93	1290658	73.03	ppm		99
27) 2,4-Dichlorophenol	11.00	162	809686	74.38	ppm		99
28) 1,2,4-Trichlorobenzene	11.19	180	853901	69.54	ppm		99
29) Benzoic Acid	11.03	122	499196	67.90	ppm		95
30) Naphthalene	11.31	128	2725323	75.64	ppm		100
31) 4-Chloroaniline	11.54	127	1201418	75.39	ppm		99
32) Hexachlorobutadiene	11.78	225	477137	64.21	ppm		99
33) 4-Chloro-3-methylphenol	12.73	107	780101	68.74	ppm		98
34) 2-Methylnaphthalene	12.94	141	1440310	75.66	ppm		99
35) 2,3-Dichloroaniline	13.71	161	864619	72.75	ppm		100
37) Hexachlorocyclopentadiene	13.49	237	370042	73.55	ppm		98
38) 2,4,6-Trichlorophenol	13.70	196	497477	81.46	ppm		98
39) 2,4,5-Trichlorophenol	13.77	196	592069	81.02	ppm		99
41) 2-Chloronaphthalene	14.06	162	1647734	83.79	ppm		99
42) 2-Nitroaniline	14.44	65	454675	86.63	ppm		98
43) 1,3-Dinitrobenzene	15.01	168	337922	97.60	ppm		95
44) Acenaphthylene	15.04	152	2257556	78.77	ppm		99
45) Dimethylphthalate	15.04	163	1777717	82.68	ppm		99
46) 2,6-Dinitrotoluene	15.15	165	498052	90.22	ppm		96
47) Acenaphthene	15.50	154	1481107	79.44	ppm		99
48) 3-Nitroaniline	15.45	138	566144	108.58	ppm		99
49) 2,4-Dinitrophenol	15.68	184	228338	91.12	ppm		98
50) Dibenzofuran	15.88	168	2271017	79.08	ppm		84
51) 2,4-Dinitrotoluene	16.06	165	680963	92.47	ppm		99
52) 4-Nitrophenol	15.92	109	176347	64.94	ppm	#	1
53) Fluorene	16.69	166	1814948	81.23	ppm		99
54) 4-Chlorophenyl-phenylether	16.76	204	818567	75.85	ppm		100
55) Diethylphthalate	16.73	149	1884014	85.72	ppm		99
56) Azobenzene	17.13	77	2021074	79.33	ppm		100
57) 4-Nitroaniline	16.92	138	572738	99.07	ppm		100
58) n-Octadecane	18.81	57	750419	72.91	ppm		98
60) 4,6-Dinitro-2-methylphenol	17.02	198	330475	78.66	ppm		99
61) n-Nitrosodiphenylamine	17.08	169	1368095	84.16	ppm		99
63) 4-Bromophenyl-phenylether	17.90	248	641823	75.39	ppm		99
64) Hexachlorobenzene	18.18	284	830490	74.66	ppm		100
65) Pentachlorophenol	18.60	266	512871	80.47	ppm		100
66) Phenanthrene	18.87	178	2554853	79.53	ppm		99
67) Anthracene	18.96	178	2580034	79.51	ppm		99
68) Carbazole	19.33	167	2313182	83.34	ppm		99
69) Di-n-butylphthalate	20.17	149	3131988	83.29	ppm		100
70) Fluoranthene	20.97	202	2292739	76.40	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	2256016	85.08	ppm	99
73) 2,2'-Dichlorobenzil	21.48	139	1677696	97.74	ppm	100
75) Benzidine	21.22	184	610387	61.16	ppm	100
76) Butylbenzylphthalate	22.43	149	1039503	88.72	ppm	100
77) 3,3'-Dichlorobenzidine	23.28	252	628430	78.09	ppm	97
78) Benzo[a]anthracene	23.26	228	1515201	78.70	ppm	100
79) Chrysene	23.35	228	1455630	77.65	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1267438	97.20	ppm	100
81) Di-n-octylphthalate	25.04	149	1548878	108.55	ppm	99
83) Benzo[b]fluoranthene	25.90	252	1434189	74.86	ppm	99
84) Benzo[k]fluoranthene	25.97	252	1440923	75.48	ppm	100
85) Benzo[a]pyrene	26.67	252	1249514	79.30	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.42	276	1259195	108.08	ppm	99
87) Dibenz[a,h]anthracene	29.50	278	1323939	111.84	ppm	100
88) Benzo[g,h,i]perylene	30.15	276	1335190	110.27	ppm	99

(#) = qualifier out of range (m) = manual integration

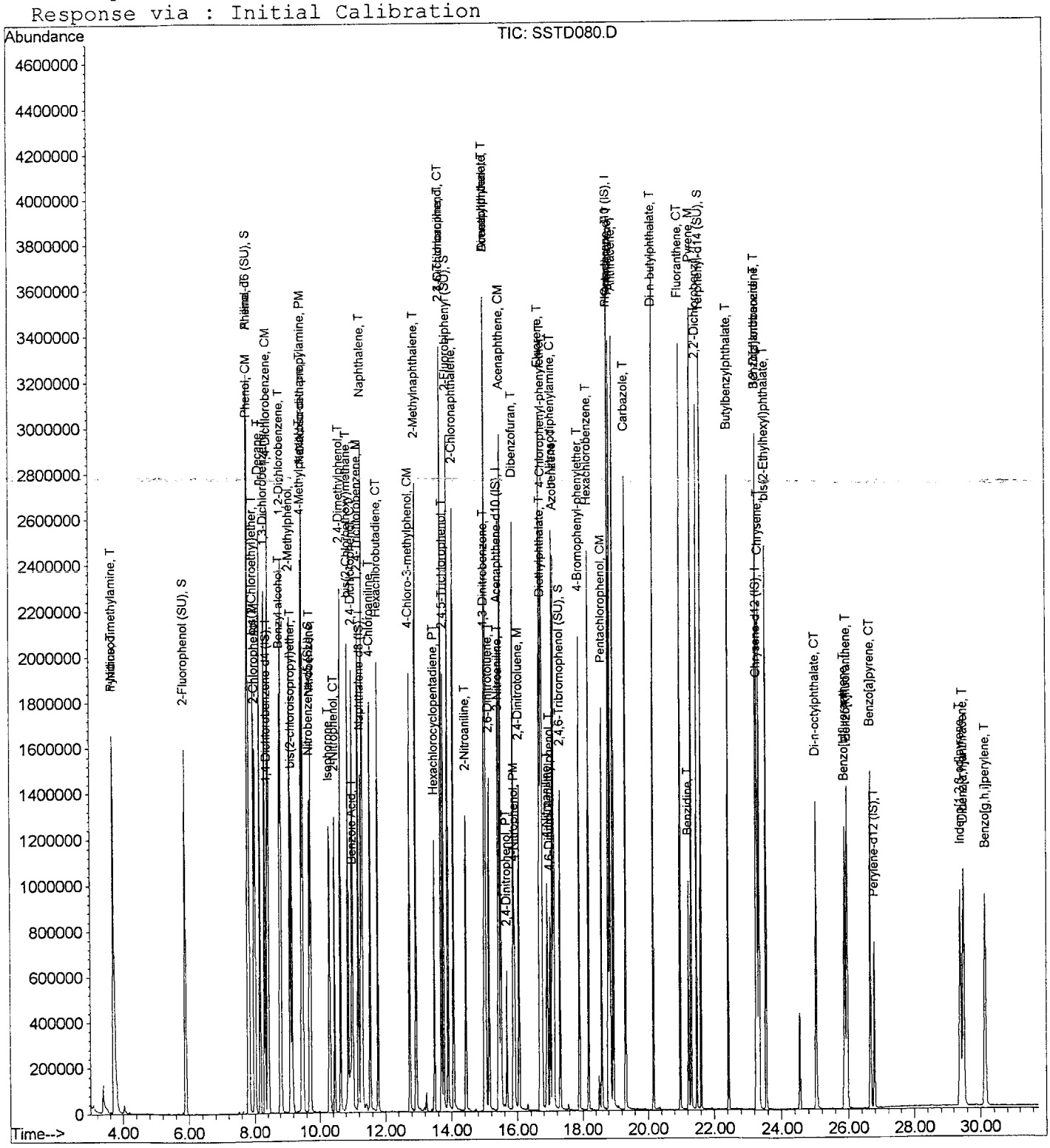
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD080.D
Acq On : 15 Nov 2007 11:30 am
Sample : 80ppm STD #7100432
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:37 19107

Vial: 5
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	532474	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.27	136	1779269	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	723511	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	868979	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.31	240	736434	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.79	264	593285	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.89	112	2475104	121.11	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 121.11%#			
7) Phenol-d6 (SU)	7.84	99	2394796	95.83	ppm	0.04
Spiked Amount 100.000	Range 40 - 120		Recovery = 95.83%			
21) Nitrobenzene-d5 (SU)	9.71	82	1864546	99.15	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 198.30%#			
40) 2-Fluorobiphenyl (SU)	13.91	172	3031401	125.34	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 250.68%#			
62) 2,4,6-Tribromophenol (SU)	17.32	330	622033	138.30	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 138.30%#			
74) Terphenyl-d14 (SU)	21.62	244	2319406	111.15	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 222.30%#			

Target Compounds						Qvalue
3) Pyridine	3.69	79	2662750	117.20	ppm	98
4) n-Nitrosodimethylamine	3.72	74	1591208	114.23	ppm	99
5) bis(2-Chloroethyl)ether	8.00	93	2236127	102.86	ppm	100
6) Aniline	7.82	93	2960977	96.53	ppm #	70
8) Phenol	7.86	94	2779216	102.07	ppm #	78
9) 2-Chlorophenol	8.03	128	2125727	110.40	ppm	98
10) n-Decane	8.18	57	1586489	94.88	ppm	99
11) 1,3-Dichlorobenzene	8.33	146	2348081	111.64	ppm	99
12) 1,4-Dichlorobenzene	8.44	146	2268941	109.01	ppm	98
13) 1,2-Dichlorobenzene	8.84	146	2003488	101.11	ppm	98
14) Benzyl alcohol	8.82	108	1236381	95.67	ppm	98
15) bis(2-chloroisopropyl)ethe	9.17	45	1829258	103.32	ppm	93
16) 2-Methylphenol	9.13	107	1519096	99.47	ppm	98
17) Hexachloroethane	9.50	117	739472	98.87	ppm	96
18) N-Nitroso-di-n-propylamine	9.52	70	1181479	89.52	ppm	100
19) 4-Methylphenol	9.49	107	1872674	88.09	ppm	99
22) Nitrobenzene	9.76	77	1778191	99.91	ppm	98
23) Isophorone	10.34	82	3136900	90.85	ppm	99
24) 2-Nitrophenol	10.48	139	1119997	125.25	ppm	97
25) 2,4-Dimethylphenol	10.67	122	1622454	110.60	ppm	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.90	93	2275062	102.87	ppm		99
27) 2,4-Dichlorophenol	11.03	162	1468556	107.81	ppm		99
28) 1,2,4-Trichlorobenzene	11.20	180	1488747	96.89	ppm		100
29) Benzoic Acid	11.13	122	1059250	111.51	ppm		99
30) Naphthalene	11.32	128	4641658	102.95	ppm		100
31) 4-Chloroaniline	11.56	127	2082145	104.41	ppm		99
32) Hexachlorobutadiene	11.79	225	833017	89.58	ppm		98
33) 4-Chloro-3-methylphenol	12.75	107	1303969	91.82	ppm		100
34) 2-Methylnaphthalene	12.94	141	2319510	97.37	ppm		98
35) 2,3-Dichloroaniline	13.72	161	1272820	85.59	ppm		99
37) Hexachlorocyclopentadiene	13.49	237	682017	131.70	ppm		98
38) 2,4,6-Trichlorophenol	13.71	196	734246	116.81	ppm		99
39) 2,4,5-Trichlorophenol	13.78	196	934905	124.29	ppm		99
41) 2-Chloronaphthalene	14.08	162	2614527	129.17	ppm		99
42) 2-Nitroaniline	14.45	65	649694	120.26	ppm		99
43) 1,3-Dinitrobenzene	15.02	168	454343	127.73	ppm	#	50
44) Acenaphthylene	15.06	152	3175905	107.66	ppm		99
45) Dimethylphthalate	15.05	163	2316837	104.68	ppm		99
46) 2,6-Dinitrotoluene	15.17	165	706085	124.26	ppm		96
47) Acenaphthene	15.51	154	2150814	112.08	ppm		99
48) 3-Nitroaniline	15.46	138	784092	146.09	ppm		99
49) 2,4-Dinitrophenol	15.69	184	356496	127.10	ppm		99
50) Dibenzofuran	15.89	168	3255768	110.14	ppm		80
51) 2,4-Dinitrotoluene	16.08	165	922474	121.70	ppm		98
52) 4-Nitrophenol	15.94	109	254434	88.92	ppm	#	1
53) Fluorene	16.70	166	2441909	106.18	ppm		100
54) 4-Chlorophenyl-phenylether	16.77	204	1129709	101.71	ppm		99
55) Diethylphthalate	16.74	149	2476263	109.46	ppm		98
56) Azobenzene	17.14	77	2759582	105.23	ppm	#	93
57) 4-Nitroaniline	16.95	138	782163	131.44	ppm		99
58) n-Octadecane	18.83	57	1046534	98.79	ppm		98
60) 4,6-Dinitro-2-methylphenol	17.03	198	490798	127.62	ppm		98
61) n-Nitrosodiphenylamine	17.09	169	1834261	130.11	ppm		100
63) 4-Bromophenyl-phenylether	17.91	248	869041	117.71	ppm		99
64) Hexachlorobenzene	18.19	284	1114352	115.51	ppm		99
65) Pentachlorophenol	18.61	266	723383	130.88	ppm		99
66) Phenanthrene	18.88	178	3358131	120.54	ppm		100
67) Anthracene	18.97	178	3372057	119.82	ppm		99
68) Carbazole	19.34	167	3122081	129.71	ppm		99
69) Di-n-butylphthalate	20.17	149	4195972	128.67	ppm		100
70) Fluoranthene	20.99	202	3110080	119.49	ppm		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	21.32	202	3082143	115.27	ppm	97
73)	2,2'-Dichlorobenzil	21.48	139	2388118	137.97	ppm	99
75)	Benzidine	21.24	184	914314	90.85	ppm	99
76)	Butylbenzylphthalate	22.44	149	1507692	127.62	ppm	99
77)	3,3'-Dichlorobenzidine	23.28	252	928798	114.46	ppm	96
78)	Benzo[a]anthracene	23.27	228	2200170	113.34	ppm	99
79)	Chrysene	23.36	228	2192038	115.97	ppm	100
80)	bis(2-Ethylhexyl)phthalate	23.55	149	1873260	142.48	ppm	100
81)	Di-n-octylphthalate	25.05	149	2335428	162.33	ppm	100
83)	Benzo[b]fluoranthene	25.91	252	2427876	114.35	ppm	99
84)	Benzo[k]fluoranthene	25.98	252	2144824	101.39	ppm	98
85)	Benzo[a]pyrene	26.68	252	2030212	116.28	ppm	98
86)	Indeno[1,2,3-cd]pyrene	29.44	276	2152809	166.75	ppm	99
87)	Dibenz[a,h]anthracene	29.52	278	2228584	173.00	ppm	99
88)	Benzo[g,h,i]perylene	30.18	276	2217171	165.24	ppm	99

(#) = qualifier out of range (m) = manual integration

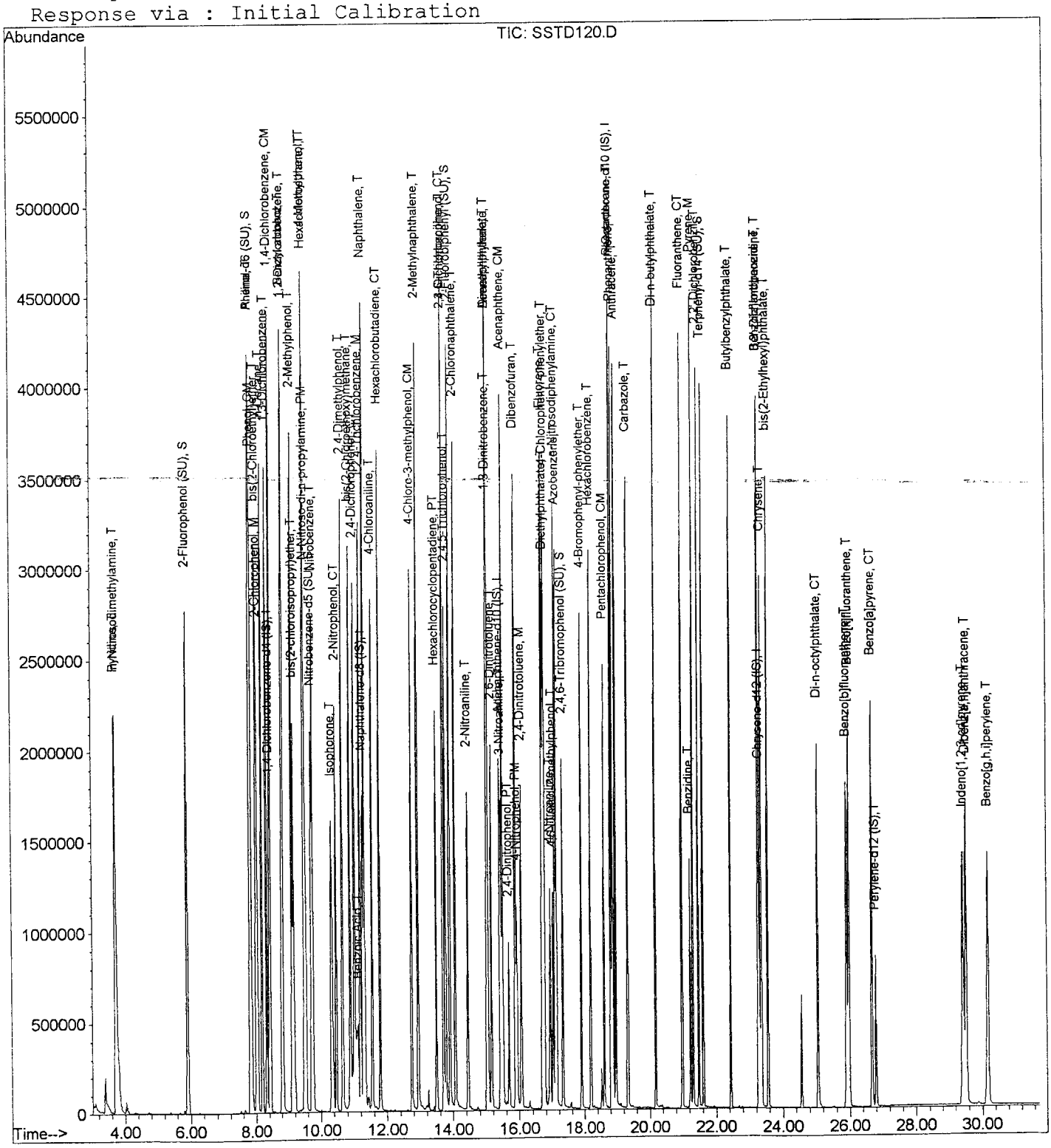
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D Vial: 6
Acq On : 15 Nov 2007 12:08 pm Operator: DF/AI
Sample : 120ppm STD #7100433 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	532474	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	11.27	136	1779269	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	15.42	164	723511	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	18.82	188	868979	40.00	ppm		0.00
71) Chrysene-d12 (IS)	23.31	240	736434	40.00	ppm		0.00
82) Perylene-d12 (IS)	26.79	264	593285	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.89	112	2475104	121.11	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 121.11%#				
7) Phenol-d6 (SU)	7.84	99	2394796	95.83	ppm		0.04
Spiked Amount 100.000	Range 40 - 120		Recovery = 95.83%				
21) Nitrobenzene-d5 (SU)	9.71	82	1864546	99.15	ppm		0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 198.30%#				
40) 2-Fluorobiphenyl (SU)	13.91	172	3031401	125.34	ppm		0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 250.68%#				
62) 2,4,6-Tribromophenol (SU)	17.32	330	622033	138.30	ppm		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 138.30%#				
74) Terphenyl-d14 (SU)	21.62	244	2319406	111.15	ppm		0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 222.30%#				
Target Compounds							Qvalue
3) Pyridine	3.69	79	2662750	117.20	ppm		98
4) n-Nitrosodimethylamine	3.72	74	1591208	114.23	ppm		99
5) bis(2-Chloroethyl)ether	8.00	93	2236127	102.86	ppm		100
6) Aniline	7.82	93	2960977	96.53	ppm	#	70
8) Phenol	7.86	94	2779216	102.07	ppm	#	78
9) 2-Chlorophenol	8.03	128	2125727	110.40	ppm		98
10) n-Decane	8.18	57	1586489	94.88	ppm		99
11) 1,3-Dichlorobenzene	8.33	146	2348081	111.64	ppm		99
12) 1,4-Dichlorobenzene	8.44	146	2268941	109.01	ppm		98
13) 1,2-Dichlorobenzene	8.84	146	2003488	101.11	ppm		98
14) Benzyl alcohol	8.82	108	1236381	95.67	ppm		98
15) bis(2-chloroisopropyl)ethe	9.17	45	1829258	103.32	ppm		93
16) 2-Methylphenol	9.13	107	1519096	99.47	ppm		98
17) Hexachloroethane	9.50	117	739472	98.87	ppm		96
18) N-Nitroso-di-n-propylamine	9.52	70	1181479	89.52	ppm		100
19) 4-Methylphenol	9.49	107	1872674	88.09	ppm		99
22) Nitrobenzene	9.76	77	1778191	99.91	ppm		98
23) Isophorone	10.34	82	3136900	90.85	ppm		99
24) 2-Nitrophenol	10.48	139	1119997	125.25	ppm		97
25) 2,4-Dimethylphenol	10.67	122	1622454	110.60	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.90	93	2275062	102.87	ppm		99
27)	2,4-Dichlorophenol	11.03	162	1468556	107.81	ppm		99
28)	1,2,4-Trichlorobenzene	11.20	180	1488747	96.89	ppm		100
29)	Benzoic Acid	11.13	122	1059250	111.51	ppm		99
30)	Naphthalene	11.32	128	4641658	102.95	ppm		100
31)	4-Chloroaniline	11.56	127	2082145	104.41	ppm		99
32)	Hexachlorobutadiene	11.79	225	833017	89.58	ppm		98
33)	4-Chloro-3-methylphenol	12.75	107	1303969	91.82	ppm		100
34)	2-Methylnaphthalene	12.94	141	2319510	97.37	ppm		98
35)	2,3-Dichloroaniline	13.72	161	1272820	85.59	ppm		99
37)	Hexachlorocyclopentadiene	13.49	237	682017	131.70	ppm		98
38)	2,4,6-Trichlorophenol	13.71	196	734246	116.81	ppm		99
39)	2,4,5-Trichlorophenol	13.78	196	934905	124.29	ppm		99
41)	2-Chloronaphthalene	14.08	162	2614527	129.17	ppm		99
42)	2-Nitroaniline	14.45	65	649694	120.26	ppm		99
43)	1,3-Dinitrobenzene	15.02	168	454343	127.73	ppm	#	50
44)	Acenaphthylene	15.06	152	3175905	107.66	ppm		99
45)	Dimethylphthalate	15.05	163	2316837	104.68	ppm		99
46)	2,6-Dinitrotoluene	15.17	165	706085	124.26	ppm		96
47)	Acenaphthene	15.51	154	2150814	112.08	ppm		99
48)	3-Nitroaniline	15.46	138	784092	146.09	ppm		99
49)	2,4-Dinitrophenol	15.69	184	356496	127.10	ppm		99
50)	Dibenzofuran	15.89	168	3255768	110.14	ppm		80
51)	2,4-Dinitrotoluene	16.08	165	922474	121.70	ppm		98
52)	4-Nitrophenol	15.94	109	254434	88.92	ppm	#	1
53)	Fluorene	16.70	166	2441909	106.18	ppm		100
54)	4-Chlorophenyl-phenylether	16.77	204	1129709	101.71	ppm		99
55)	Diethylphthalate	16.74	149	2476263	109.46	ppm		98
56)	Azobenzene	17.14	77	2759582	105.23	ppm	#	93
57)	4-Nitroaniline	16.95	138	782163	131.44	ppm		99
58)	n-Octadecane	18.83	57	1046534	98.79	ppm		98
60)	4,6-Dinitro-2-methylphenol	17.03	198	490798	127.62	ppm		98
61)	n-Nitrosodiphenylamine	17.09	169	1834261	130.11	ppm		100
63)	4-Bromophenyl-phenylether	17.91	248	869041	117.71	ppm		99
64)	Hexachlorobenzene	18.19	284	1114352	115.51	ppm		99
65)	Pentachlorophenol	18.61	266	723383	130.88	ppm		99
66)	Phenanthrene	18.88	178	3358131	120.54	ppm		100
67)	Anthracene	18.97	178	3372057	119.82	ppm		99
68)	Carbazole	19.34	167	3122081	129.71	ppm		99
69)	Di-n-butylphthalate	20.17	149	4195972	128.67	ppm		100
70)	Fluoranthene	20.99	202	3110080	119.49	ppm		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.32	202	3082143	115.27	ppm	97
73) 2,2'-Dichlorobenzil	21.48	139	2388118	137.97	ppm	99
75) Benzidine	21.24	184	914314	90.85	ppm	99
76) Butylbenzylphthalate	22.44	149	1507692	127.62	ppm	99
77) 3,3'-Dichlorobenzidine	23.28	252	928798	114.46	ppm	96
78) Benzo[a]anthracene	23.27	228	2200170	113.34	ppm	99
79) Chrysene	23.36	228	2192038	115.97	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1873260	142.48	ppm	100
81) Di-n-octylphthalate	25.05	149	2335428	162.33	ppm	100
83) Benzo[b]fluoranthene	25.91	252	2427876	114.35	ppm	99
84) Benzo[k]fluoranthene	25.98	252	2144824	101.39	ppm	98
85) Benzo[a]pyrene	26.68	252	2030212	116.28	ppm	98
86) Indeno[1,2,3-cd]pyrene	29.44	276	2152809	166.75	ppm	99
87) Dibenz[a,h]anthracene	29.52	278	2228584	173.00	ppm	99
88) Benzo[g,h,i]perylene	30.18	276	2217171	165.24	ppm	99

(#) = qualifier out of range (m) = manual integration

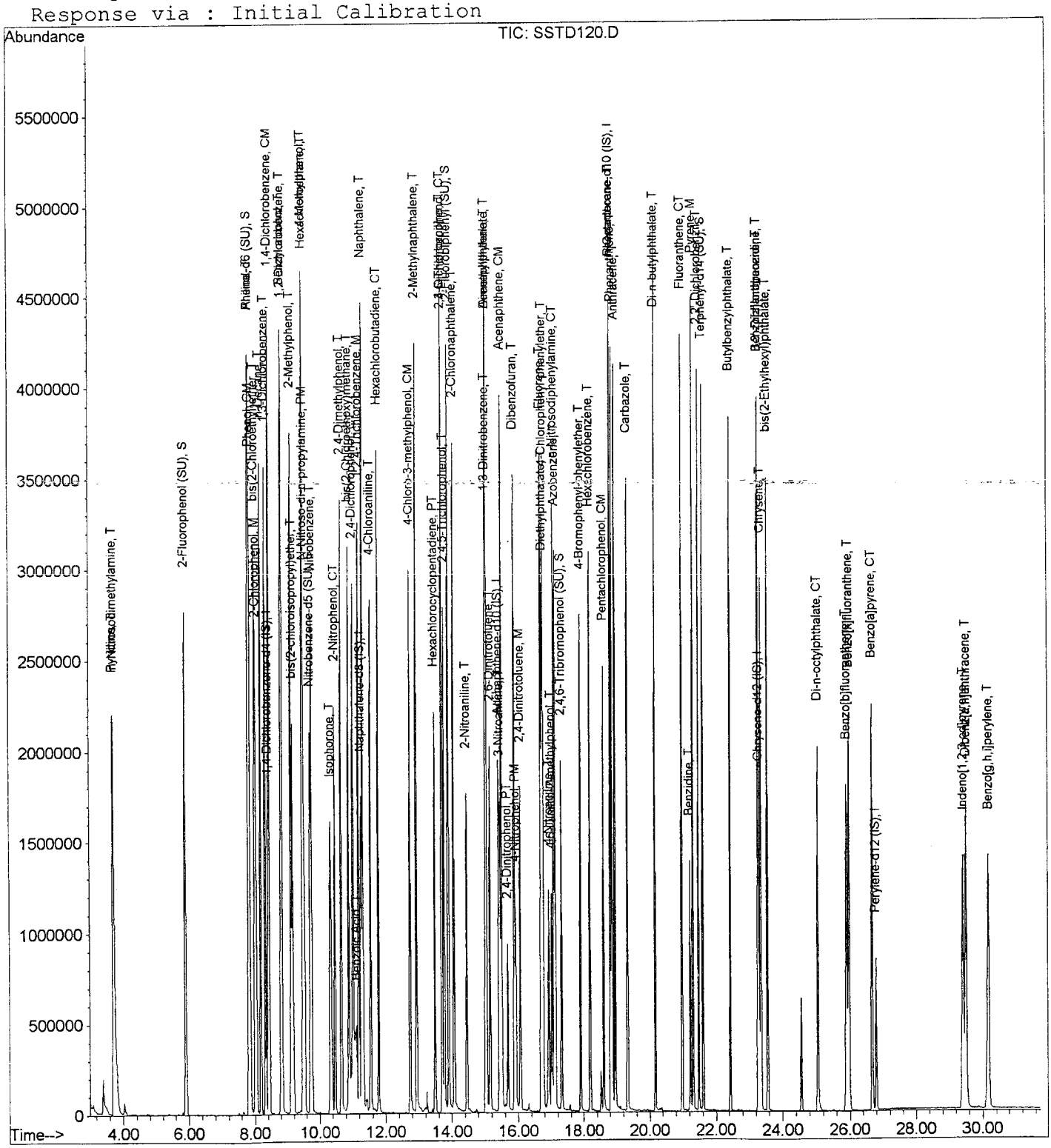
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD120.D
Acq On : 15 Nov 2007 12:08 pm
Sample : 120ppm STD #7100433
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:54 19107

Vial: 6
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:57 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	596251	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.28	136	2081350	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	15.44	164	944368	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	18.85	188	1009407	40.00	ppm	0.03
71) Chrysene-d12 (IS)	23.31	240	829489	40.00	ppm	0.01
82) Perylene-d12 (IS)	26.79	264	770474	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.90	112	3640699	159.09	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 159.09%#			
7) Phenol-d6 (SU)	7.86	99	3383837	120.93	ppm	0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.93%#			
21) Nitrobenzene-d5 (SU)	9.73	82	2846163	129.39	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 258.78%#			
40) 2-Fluorobiphenyl (SU)	13.92	172	4499674	142.54	ppm	0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 285.08%#			
62) 2,4,6-Tribromophenol (SU)	17.34	330	1097194	210.00	ppm	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 210.00%#			
74) Terphenyl-d14 (SU)	21.62	244	3228995	137.38	ppm	0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 274.76%#			

Target Compounds						Qvalue
3) Pyridine	3.69	79	3986886	156.72	ppm	98
4) n-Nitrosodimethylamine	3.73	74	2368307	151.83	ppm	99
5) bis(2-Chloroethyl)ether	8.02	93	3111386	127.81	ppm	98
6) Aniline	7.82	93	4333592	126.16	ppm #	24
8) Phenol	7.89	94	3902658	128.00	ppm	96
9) 2-Chlorophenol	8.05	128	3038007	140.90	ppm	99
10) n-Decane	8.19	57	2171559	115.98	ppm	98
11) 1,3-Dichlorobenzene	8.34	146	3370705	143.12	ppm	99
12) 1,4-Dichlorobenzene	8.45	146	3111120	133.48	ppm	99
13) 1,2-Dichlorobenzene	8.85	146	2502591	112.79	ppm	97
14) Benzyl alcohol	8.86	108	1708591m	118.06	ppm	
15) bis(2-chloroisopropyl)ethe	9.18	45	2508501	126.53	ppm	88
16) 2-Methylphenol	9.14	107	2128783	124.48	ppm	98
17) Hexachloroethane	9.51	117	1032592	123.29	ppm	97
18) N-Nitroso-di-n-propylamine	9.58	70	1855672	125.57	ppm	100
19) 4-Methylphenol	9.52	107	2622183	110.15	ppm	100
22) Nitrobenzene	9.78	77	2655034	127.53	ppm	98
23) Isophorone	10.35	82	5120380m	126.77	ppm	
24) 2-Nitrophenol	10.49	139	1724617	164.87	ppm	98
25) 2,4-Dimethylphenol	10.69	122	2473805	144.15	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:57 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.92	93	3474626	134.31	ppm		100
27) 2,4-Dichlorophenol	11.05	162	2235311	140.29	ppm		98
28) 1,2,4-Trichlorobenzene	11.21	180	2124545	118.20	ppm		100
29) Benzoic Acid	11.23	122	1746824m	155.07	ppm		
30) Naphthalene	11.34	128	6590555	124.96	ppm		100
31) 4-Chloroaniline	11.57	127	3157987	135.38	ppm		100
32) Hexachlorobutadiene	11.80	225	1228345	112.92	ppm		99
33) 4-Chloro-3-methylphenol	12.77	107	2087462	125.65	ppm		99
34) 2-Methylnaphthalene	12.95	141	3397194	121.91	ppm		97
35) 2,3-Dichloroaniline	13.74	161	1961853	112.77	ppm		98
37) Hexachlorocyclopentadiene	13.50	237	1081439	160.00	ppm		99
38) 2,4,6-Trichlorophenol	13.73	196	1109143	135.19	ppm		99
39) 2,4,5-Trichlorophenol	13.80	196	1473153	150.04	ppm		99
41) 2-Chloronaphthalene	14.09	162	3997578	151.32	ppm		98
42) 2-Nitroaniline	14.48	65	1147523	162.74	ppm		100
43) 1,3-Dinitrobenzene	15.05	168	659758	142.19	ppm	#	40
44) Acenaphthylene	15.07	152	4245126	110.25	ppm		98
45) Dimethylphthalate	15.08	163	3612667	125.06	ppm		99
46) 2,6-Dinitrotoluene	15.20	165	1240514	167.25	ppm		98
47) Acenaphthene	15.53	154	3303744	131.90	ppm		98
48) 3-Nitroaniline	15.49	138	1334607	190.51	ppm		99
49) 2,4-Dinitrophenol	15.73	184	738740	181.10	ppm		99
50) Dibenzofuran	15.90	168	5268886	136.55	ppm		82
51) 2,4-Dinitrotoluene	16.10	165	1653299	167.11	ppm		98
52) 4-Nitrophenol	15.97	109	468629	123.31	ppm	#	1
53) Fluorene	16.72	166	3955693	131.78	ppm		99
54) 4-Chlorophenyl-phenylether	16.78	204	1677130	115.68	ppm		93
55) Diethylphthalate	16.76	149	3816366	129.24	ppm		98
56) Azobenzene	17.16	77	4628419	135.22	ppm	#	93
57) 4-Nitroaniline	16.98	138	1386515	178.51	ppm		98
58) n-Octadecane	18.83	57	1527434	110.47	ppm		94
60) 4,6-Dinitro-2-methylphenol	17.07	198	907447	193.05	ppm		98
61) n-Nitrosodiphenylamine	17.12	169	2907450	177.55	ppm		96
63) 4-Bromophenyl-phenylether	17.92	248	1444343	168.41	ppm		98
64) Hexachlorobenzene	18.20	284	1815472	162.00	ppm		99
65) Pentachlorophenol	18.63	266	1238217	192.86	ppm		99
66) Phenanthrene	18.89	178	5306590	163.98	ppm		100
67) Anthracene	18.98	178	5388453	164.84	ppm		100
68) Carbazole	19.35	167	4885054	174.71	ppm		99
69) Di-n-butylphthalate	20.18	149	6119734	161.55	ppm		100
70) Fluoranthene	20.99	202	4363213	144.32	ppm		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:57 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.33	202	4305223	142.95 ppm	95
73) 2,2'-Dichlorobenzil	21.49	139	3326385	170.62 ppm	98
75) Benzidine	21.24	184	1201987	106.04 ppm	99
76) Butylbenzylphthalate	22.44	149	2114699	158.91 ppm	99
77) 3,3'-Dichlorobenzidine	23.29	252	1341676	146.80 ppm	96
78) Benzo[a]anthracene	23.27	228	3136574	143.45 ppm	100
79) Chrysene	23.37	228	3198631	150.25 ppm	99
80) bis(2-Ethylhexyl)phthalate	23.57	149	2761203	186.46 ppm	100
81) Di-n-octylphthalate	25.06	149	3802577	234.65 ppm	100
83) Benzo[b]fluoranthene	25.93	252	3962095	143.70 ppm	99
84) Benzo[k]fluoranthene	26.00	252	3621618m	131.83 ppm	
85) Benzo[a]pyrene	26.69	252	3398002	149.86 ppm	98
86) Indeno[1,2,3-cd]pyrene	29.46	276	3554230	211.99 ppm	100
87) Dibenz[a,h]anthracene	29.55	278	3580203	215.44 ppm	99
88) Benzo[g,h,i]perylene	30.21	276	3506628	201.24 ppm	99

(#) = qualifier out of range (m) = manual integration

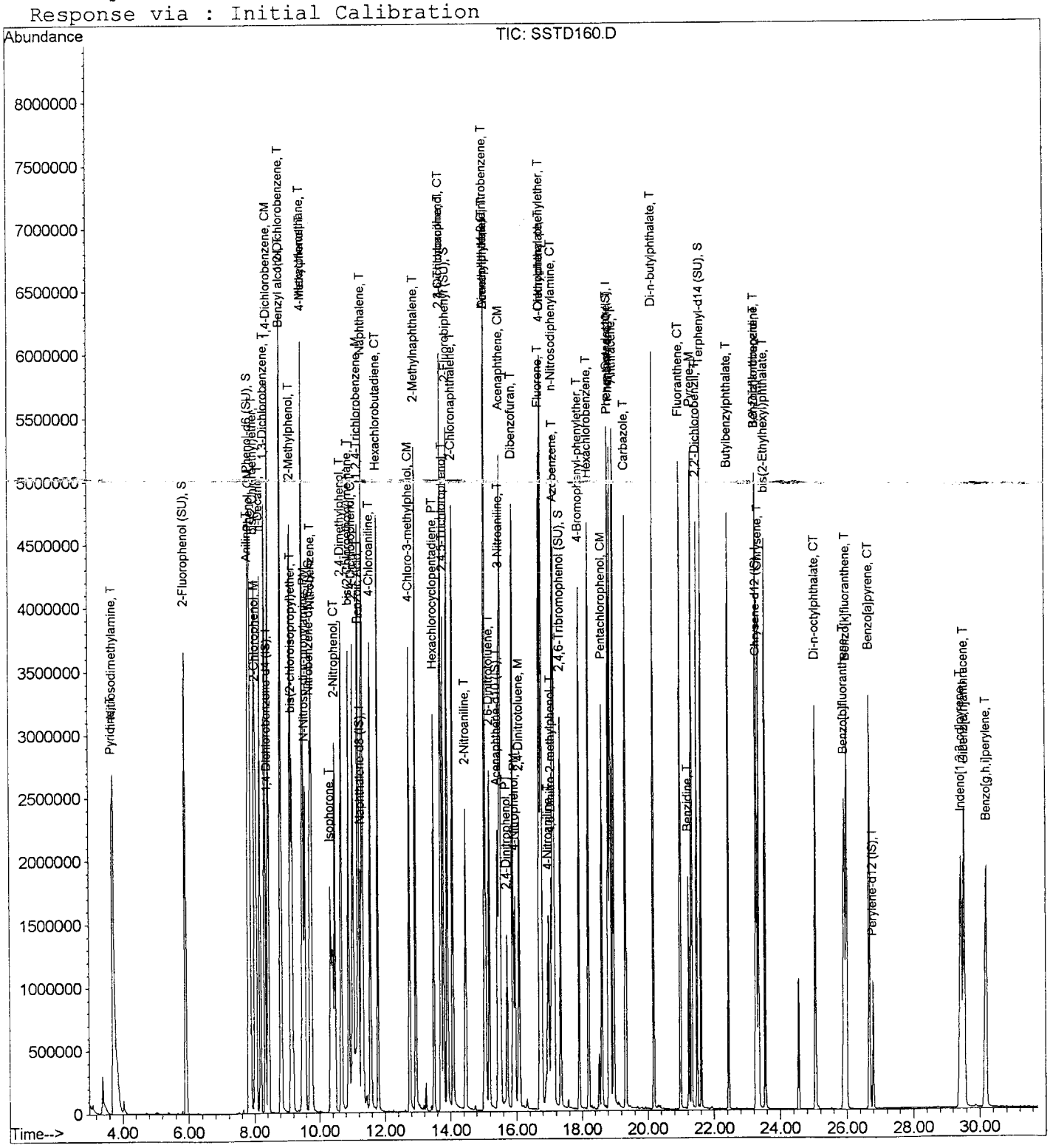
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:57 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

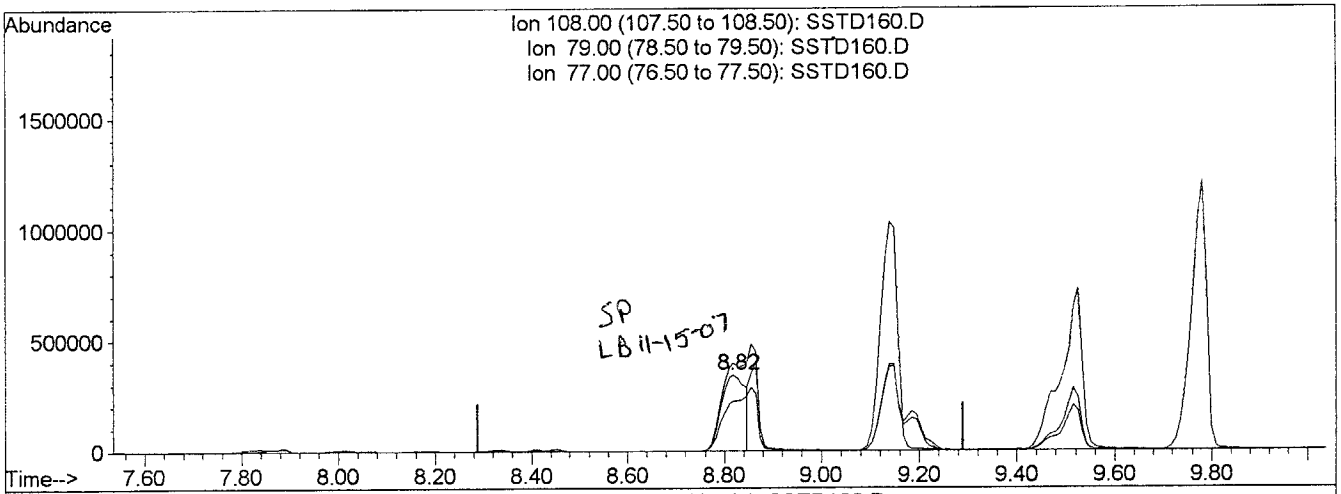
Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration

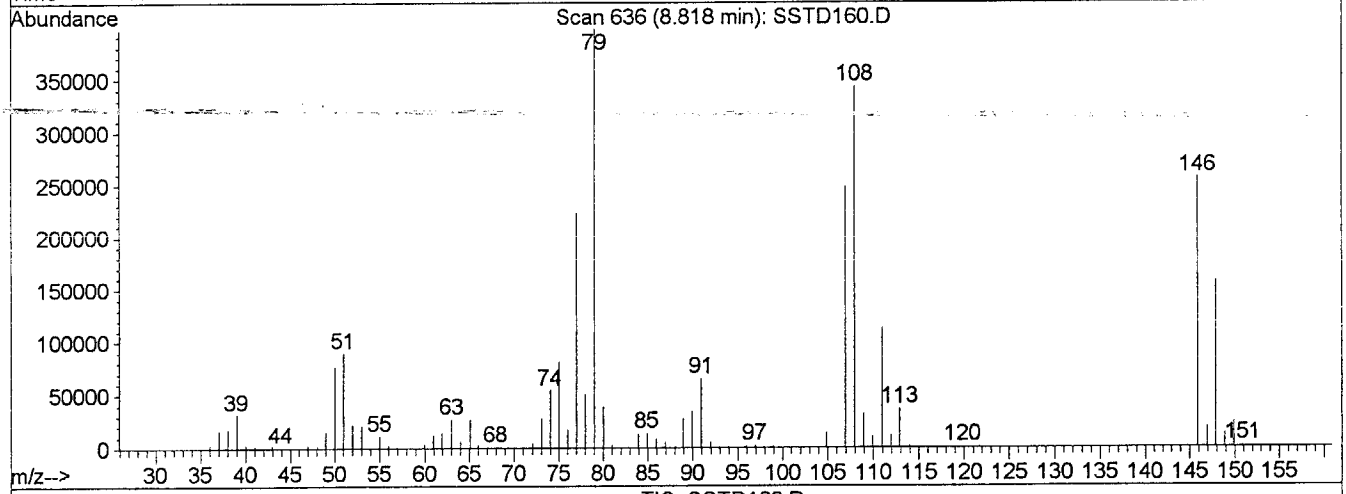


Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D Vial: 7
Acq On : 15 Nov 2007 12:47 pm Operator: DF/AI
Sample : 160ppm STD #7100434 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTE.P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD160.D

(14) Benzyl alcohol (T)

8.82min 82.48ppm

response 1193611

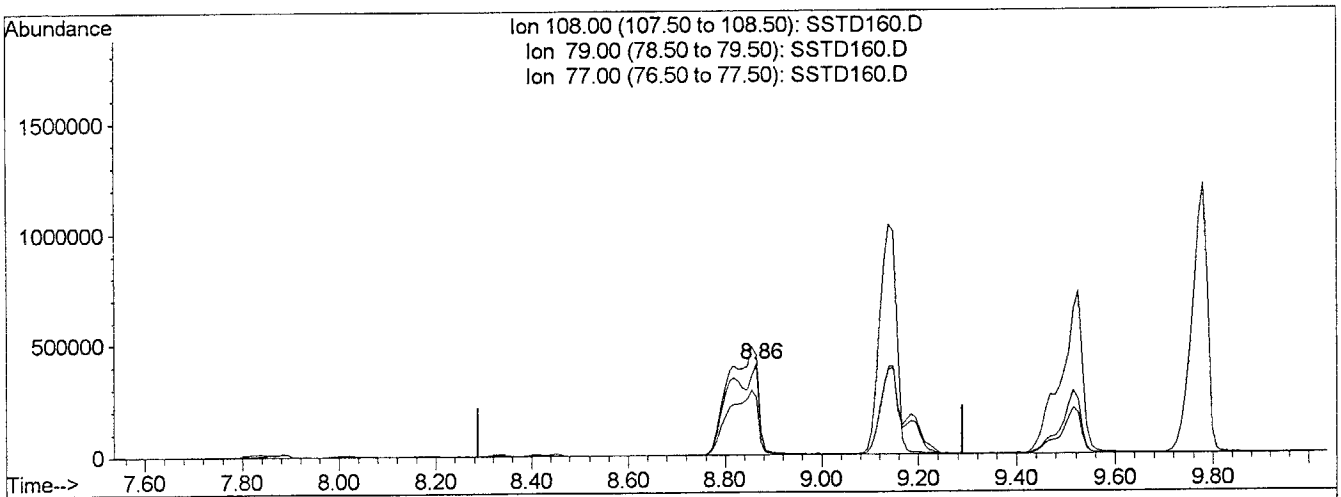
Ion	Exp%	Act%
108.00	100	100
79.00	113.10	83.65#
77.00	63.60	0.00#
0.00	0.00	0.00

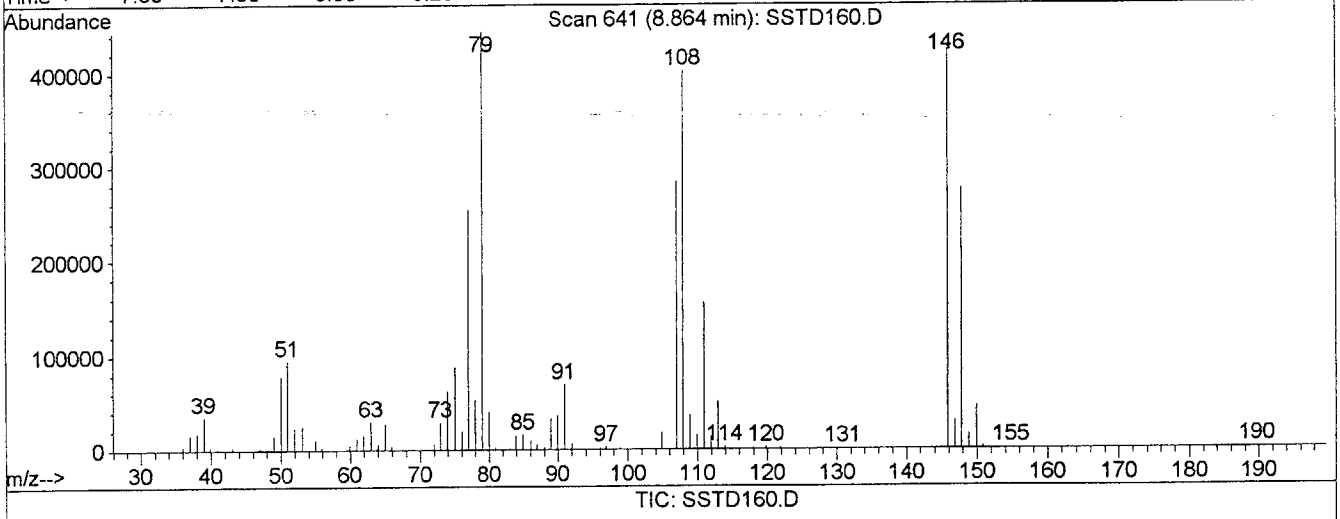
SSTD160.D G7K15SV.M Thu Nov 15 14:54:08 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D Vial: 7
Acq On : 15 Nov 2007 12:47 pm Operator: DF/AI
Sample : 160ppm STD #7100434 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTE2NO7P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD160.D

(14) Benzyl alcohol (T)

8.86min 118.06ppm m

response 1708591

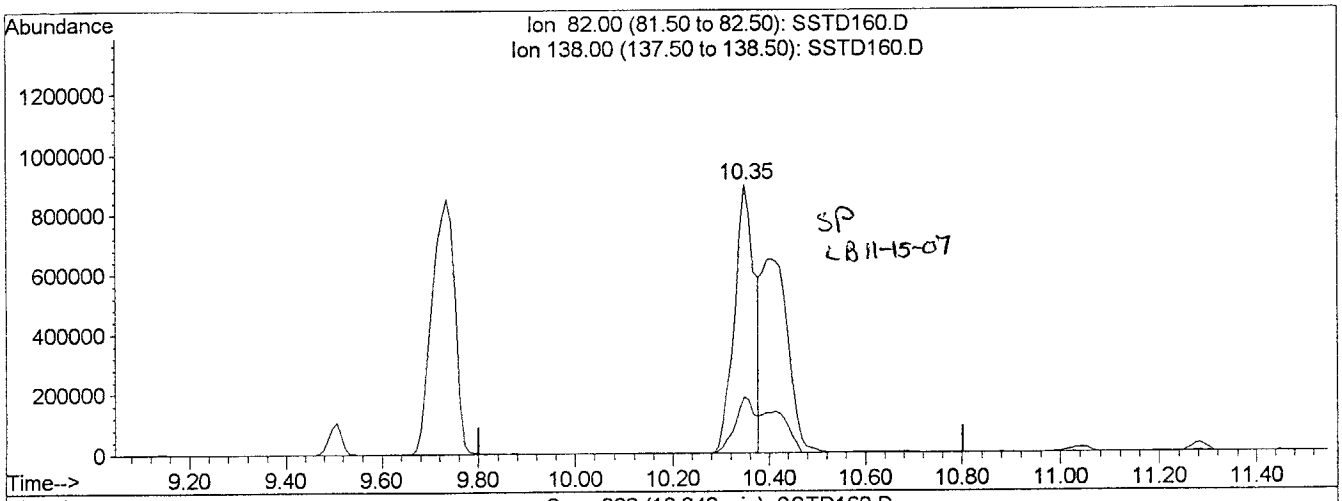
Ion	Exp%	Act%
108.00	100	100
79.00	113.10	58.44#
77.00	63.60	0.00#
0.00	0.00	0.00

SSTD160.D G7K15SV.M Thu Nov 15 14:54:27 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D Vial: 7
Acq On : 15 Nov 2007 12:47 pm Operator: DF/AI
Sample : 160ppm STD #7100434 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration



TIC: SSTD160.D

(23) Isophorone (T)

10.35min 64.47ppm

response 2604195

Ion	Exp%	Act%
82.00	100	100
138.00	20.50	20.97
0.00	0.00	0.00
0.00	0.00	0.00

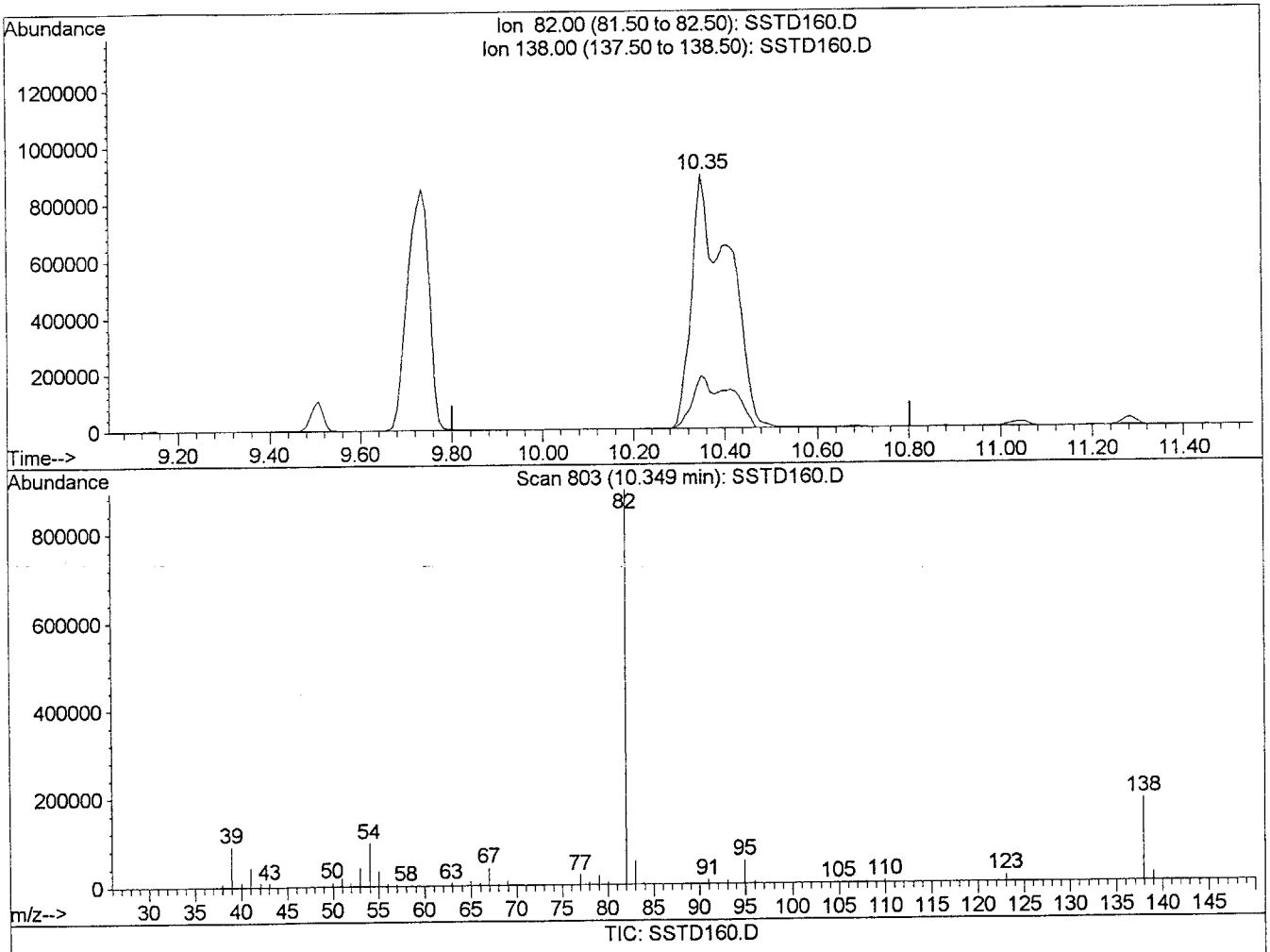
SSTD160.D G7K15SV.M Thu Nov 15 14:54:43 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTE.P

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration



(23) Isophorone (T)

10.35min 126.77ppm m

response 5120380

Ion	Exp%	Act%
82.00	100	100
138.00	20.50	10.66
0.00	0.00	0.00
0.00	0.00	0.00

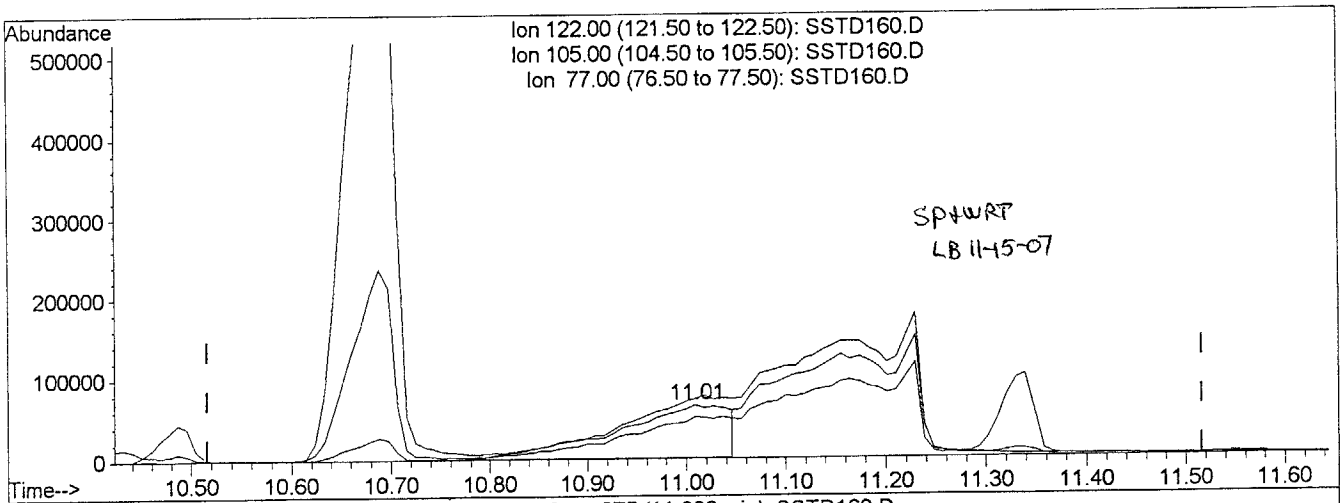
SSTD160.D G7K15SV.M Thu Nov 15 14:54:55 2007

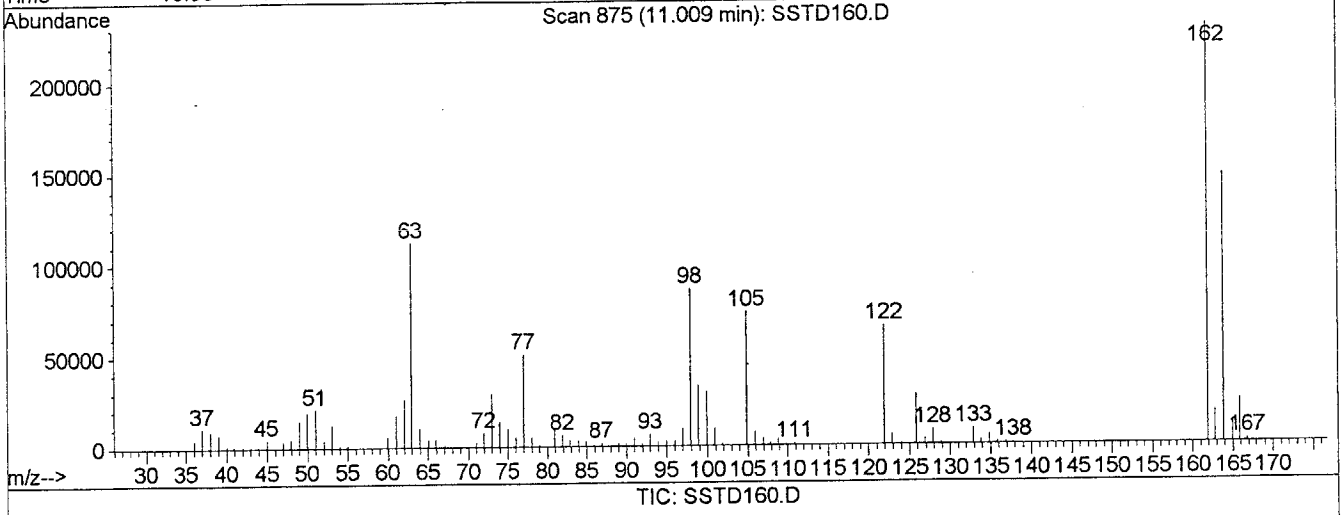
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Integration Params: RTEINT.P

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD160.D

(29) Benzoic Acid (T)

11.01min 49.56ppm

response 516927

Ion	Exp%	Act%
122.00	100	100
105.00	114.60	114.82
77.00	75.30	73.97
0.00	0.00	0.00

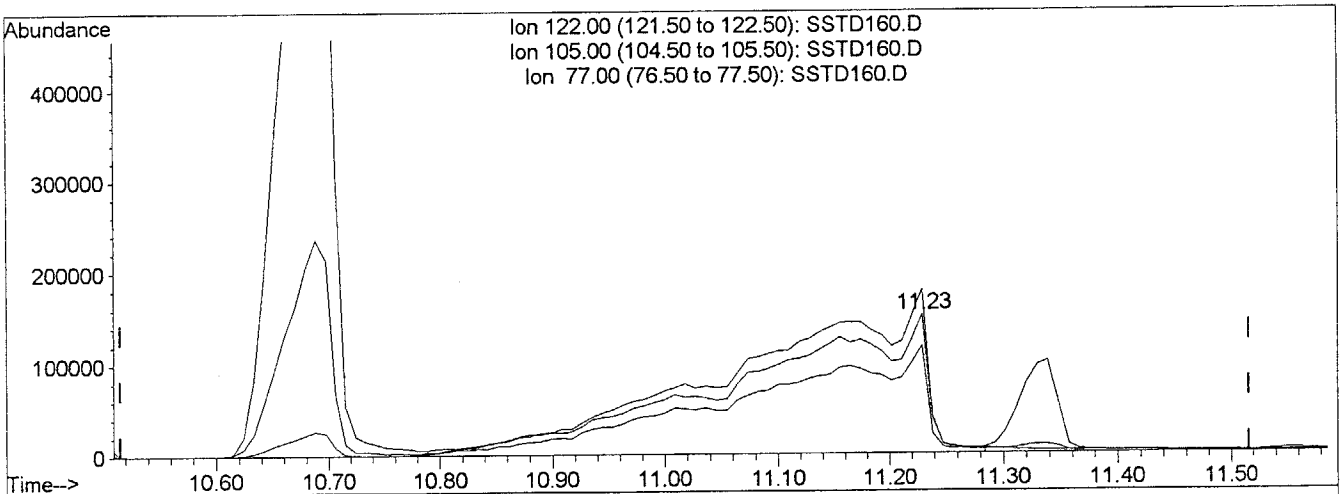
SSTD160.D G7K15SV.M Thu Nov 15 14:55:42 2007

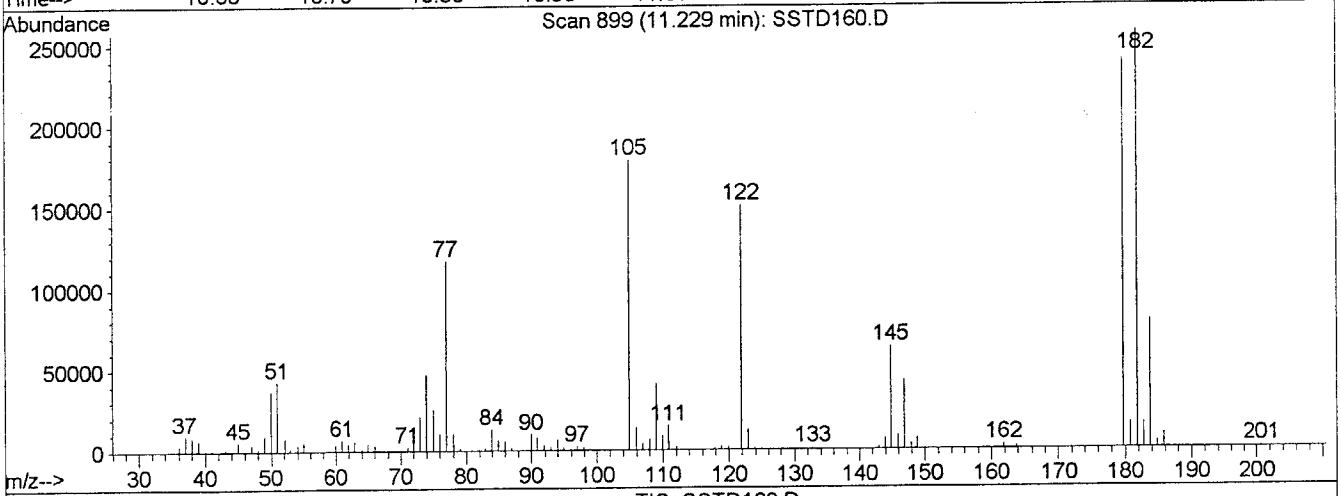
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTE2ND7P

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD160.D

(29) Benzoic Acid (T)

11.23min 155.07ppm m

response 1746824

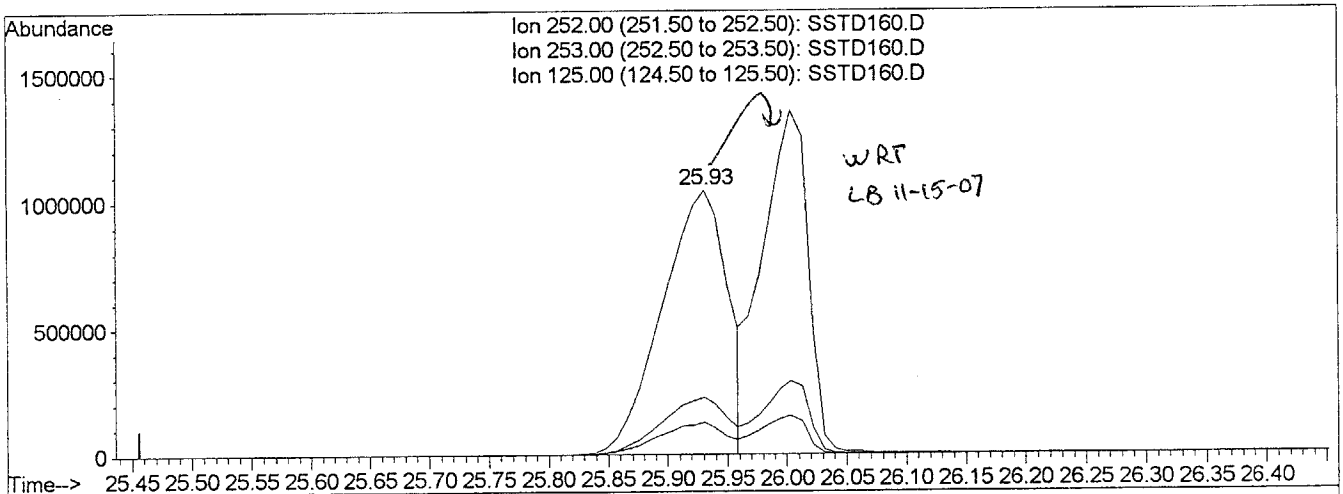
Ion	Exp%	Act%
122.00	100	100
105.00	114.60	33.98#
77.00	75.30	21.89#
0.00	0.00	0.00

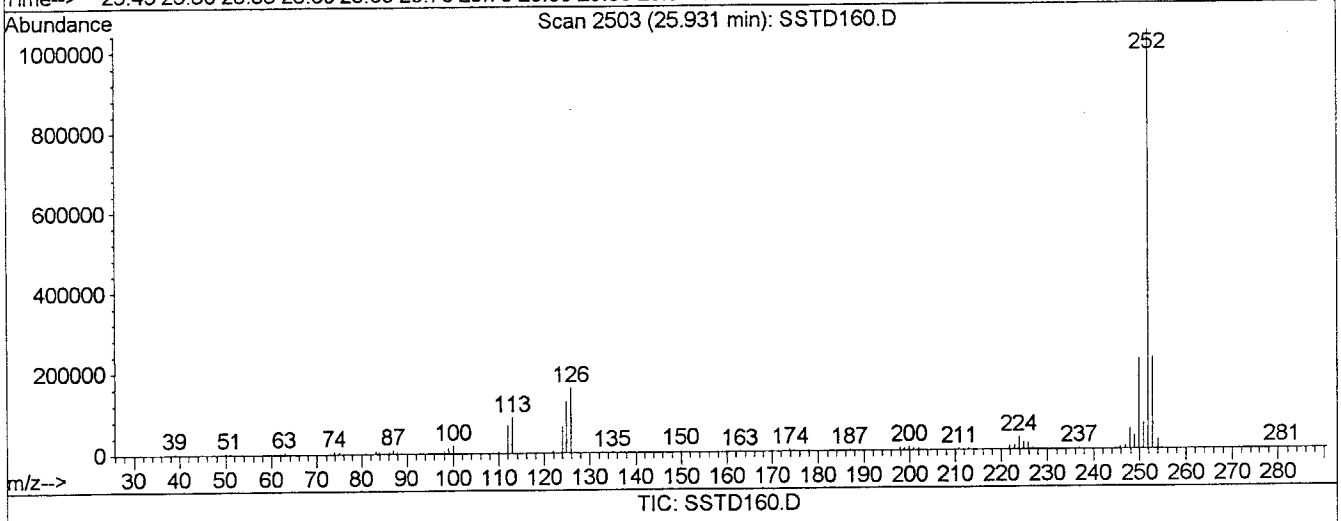
SSTD160.D G7K15SV.M Thu Nov 15 14:56:21 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Time: Nov 15 14:57:31 2007 RTE Integrator
Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Quant Title : 625/8270 Calibration
QLast Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res





TIC: SSTD160.D

(84) Benzo[k]fluoranthene (T)

25.93min 144.22ppm

response 3962095

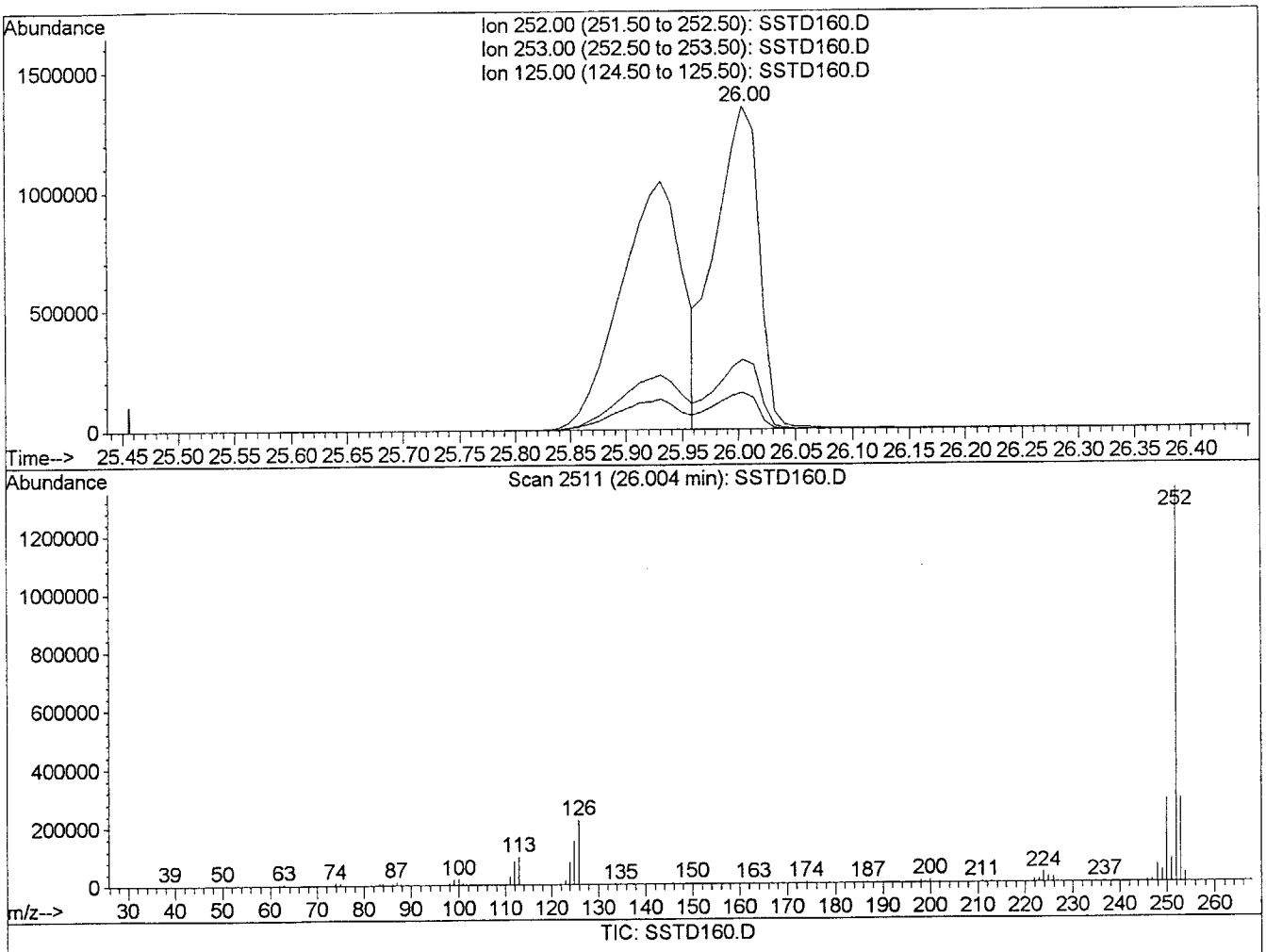
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.60
125.00	12.40	12.13
0.00	0.00	0.00

SSTD160.D G7K15SV.M Thu Nov 15 14:57:31 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D Vial: 7
Acq On : 15 Nov 2007 12:47 pm Operator: DF/AI
Sample : 160ppm STD #7100434 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTE.P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration



(84) Benzo[k]fluoranthene (T)

26.00min 131.83ppm m

response 3621618

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.63
125.00	12.40	13.27
0.00	0.00	0.00

SSTD160.D G7K15SV.M Thu Nov 15 14:57:40 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:53 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	596251	40.00	ppm		0.02
20) Naphthalene-d8 (IS)	11.28	136	2081350	40.00	ppm		0.02
36) Acenaphthene-d10 (IS)	15.44	164	944368	40.00	ppm		0.02
59) Phenanthrene-d10 (IS)	18.85	188	1009407	40.00	ppm		0.03
71) Chrysene-d12 (IS)	23.31	240	829489	40.00	ppm		0.01
82) Perylene-d12 (IS)	26.79	264	770474	40.00	ppm		0.01
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.90	112	3640699	159.09	ppm		0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 159.09%#				
7) Phenol-d6 (SU)	7.86	99	3383837	120.93	ppm		0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.93%#				
21) Nitrobenzene-d5 (SU)	9.73	82	2846163	129.39	ppm		0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 258.78%#				
40) 2-Fluorobiphenyl (SU)	13.92	172	4499674	142.54	ppm		0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 285.08%#				
62) 2,4,6-Tribromophenol (SU)	17.34	330	1097194	210.00	ppm		0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 210.00%#				
74) Terphenyl-d14 (SU)	21.62	244	3228995	137.38	ppm		0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 274.76%#				
Target Compounds							Qvalue
3) Pyridine	3.69	79	3986886	156.72	ppm		98
4) n-Nitrosodimethylamine	3.73	74	2368307	151.83	ppm		99
5) bis(2-Chloroethyl)ether	8.02	93	3111386	127.81	ppm		98
6) Aniline	7.82	93	4333592	126.16	ppm	#	24
8) Phenol	7.89	94	3902658	128.00	ppm		96
9) 2-Chlorophenol	8.05	128	3038007	140.90	ppm		99
10) n-Decane	8.19	57	2171559	115.98	ppm		98
11) 1,3-Dichlorobenzene	8.34	146	3370705	143.12	ppm		99
12) 1,4-Dichlorobenzene	8.45	146	3111120	133.48	ppm		99
13) 1,2-Dichlorobenzene	8.85	146	2502591	112.79	ppm		97
14) Benzyl alcohol	8.82	108	1193611	82.48	ppm	#	53
15) bis(2-chloroisopropyl)ethe	9.18	45	2508501	126.53	ppm		88
16) 2-Methylphenol	9.14	107	2128783	124.48	ppm		98
17) Hexachloroethane	9.51	117	1032592	123.29	ppm		97
18) N-Nitroso-di-n-propylamine	9.58	70	1855672	125.57	ppm		100
19) 4-Methylphenol	9.52	107	2622183	110.15	ppm		100
22) Nitrobenzene	9.78	77	2655034	127.53	ppm		98
23) Isophorone	10.35	82	2604195	64.47	ppm		99
24) 2-Nitrophenol	10.49	139	1724617	164.87	ppm		98
25) 2,4-Dimethylphenol	10.69	122	2473805	144.15	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:53 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.92	93	3474626	134.31	ppm		100
27)	2,4-Dichlorophenol	11.05	162	2235311	140.29	ppm		98
28)	1,2,4-Trichlorobenzene	11.21	180	2124545	118.20	ppm		100
29)	Benzoic Acid	11.01	122	516927	49.56	ppm		99
30)	Naphthalene	11.34	128	6590555	124.96	ppm		100
31)	4-Chloroaniline	11.57	127	3157987	135.38	ppm		100
32)	Hexachlorobutadiene	11.80	225	1228345	112.92	ppm		99
33)	4-Chloro-3-methylphenol	12.77	107	2087462	125.65	ppm		99
34)	2-Methylnaphthalene	12.95	141	3397194	121.91	ppm		97
35)	2,3-Dichloroaniline	13.74	161	1961853	112.77	ppm		98
37)	Hexachlorocyclopentadiene	13.50	237	1081439	160.00	ppm		99
38)	2,4,6-Trichlorophenol	13.73	196	1109143	135.19	ppm		99
39)	2,4,5-Trichlorophenol	13.80	196	1473153	150.04	ppm		99
41)	2-Chloronaphthalene	14.09	162	3997578	151.32	ppm		98
42)	2-Nitroaniline	14.40	65	1147523	162.74	ppm		100
43)	1,3-Dinitrobenzene	15.05	168	659758	142.19	ppm	#	40
44)	Acenaphthylene	15.07	152	4245126	110.25	ppm		98
45)	Dimethylphthalate	15.08	163	3612667	125.06	ppm		99
46)	2,6-Dinitrotoluene	15.20	165	1240514	167.25	ppm		98
47)	Acenaphthene	15.53	154	3303744	131.90	ppm		98
48)	3-Nitroaniline	15.49	138	1334607	190.51	ppm		99
49)	2,4-Dinitrophenol	15.73	184	738740	181.10	ppm		99
50)	Dibenzofuran	15.90	168	5268886	136.55	ppm		82
51)	2,4-Dinitrotoluene	16.10	165	1653299	167.11	ppm		98
52)	4-Nitrophenol	15.97	109	468629	123.31	ppm	#	1
53)	Fluorene	16.72	166	3955693	131.78	ppm		99
54)	4-Chlorophenyl-phenylether	16.78	204	1677130	115.68	ppm		93
55)	Diethylphthalate	16.76	149	3816366	129.24	ppm		98
56)	Azobenzene	17.16	77	4628419	135.22	ppm	#	93
57)	4-Nitroaniline	16.98	138	1386515	178.51	ppm		98
58)	n-Octadecane	18.83	57	1527434	110.47	ppm		94
60)	4,6-Dinitro-2-methylphenol	17.07	198	907447	193.05	ppm		98
61)	n-Nitrosodiphenylamine	17.12	169	2907450	177.55	ppm		96
63)	4-Bromophenyl-phenylether	17.92	248	1444343	168.41	ppm		98
64)	Hexachlorobenzene	18.20	284	1815472	162.00	ppm		99
65)	Pentachlorophenol	18.63	266	1238217	192.86	ppm		99
66)	Phenanthrene	18.89	178	5306590	163.98	ppm		100
67)	Anthracene	18.98	178	5388453	164.84	ppm		100
68)	Carbazole	19.35	167	4885054	174.71	ppm		99
69)	Di-n-butylphthalate	20.18	149	6119734	161.55	ppm		100
70)	Fluoranthene	20.99	202	4363213	144.32	ppm		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:53 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.33	202	4305223	142.95	ppm	95
73) 2,2'-Dichlorobenzil	21.49	139	3326385	170.62	ppm	98
75) Benzidine	21.24	184	1201987	106.04	ppm	99
76) Butylbenzylphthalate	22.44	149	2114699	158.91	ppm	99
77) 3,3'-Dichlorobenzidine	23.29	252	1341676	146.80	ppm	96
78) Benzo[a]anthracene	23.27	228	3136574	143.45	ppm	100
79) Chrysene	23.37	228	3198631	150.25	ppm	99
80) bis(2-Ethylhexyl)phthalate	23.57	149	2761203	186.46	ppm	100
81) Di-n-octylphthalate	25.06	149	3802577	234.65	ppm	100
83) Benzo[b]fluoranthene	25.93	252	3962095	143.70	ppm	99
84) Benzo[k]fluoranthene	25.93	252	3962095	144.22	ppm	100
85) Benzo[a]pyrene	26.69	252	3398002	149.86	ppm	98
86) Indeno[1,2,3-cd]pyrene	29.46	276	3554230	211.99	ppm	100
87) Dibenz[a,h]anthracene	29.55	278	3580203	215.44	ppm	99
88) Benzo[g,h,i]perylene	30.21	276	3506628	201.24	ppm	99

(#) = qualifier out of range (m) = manual integration

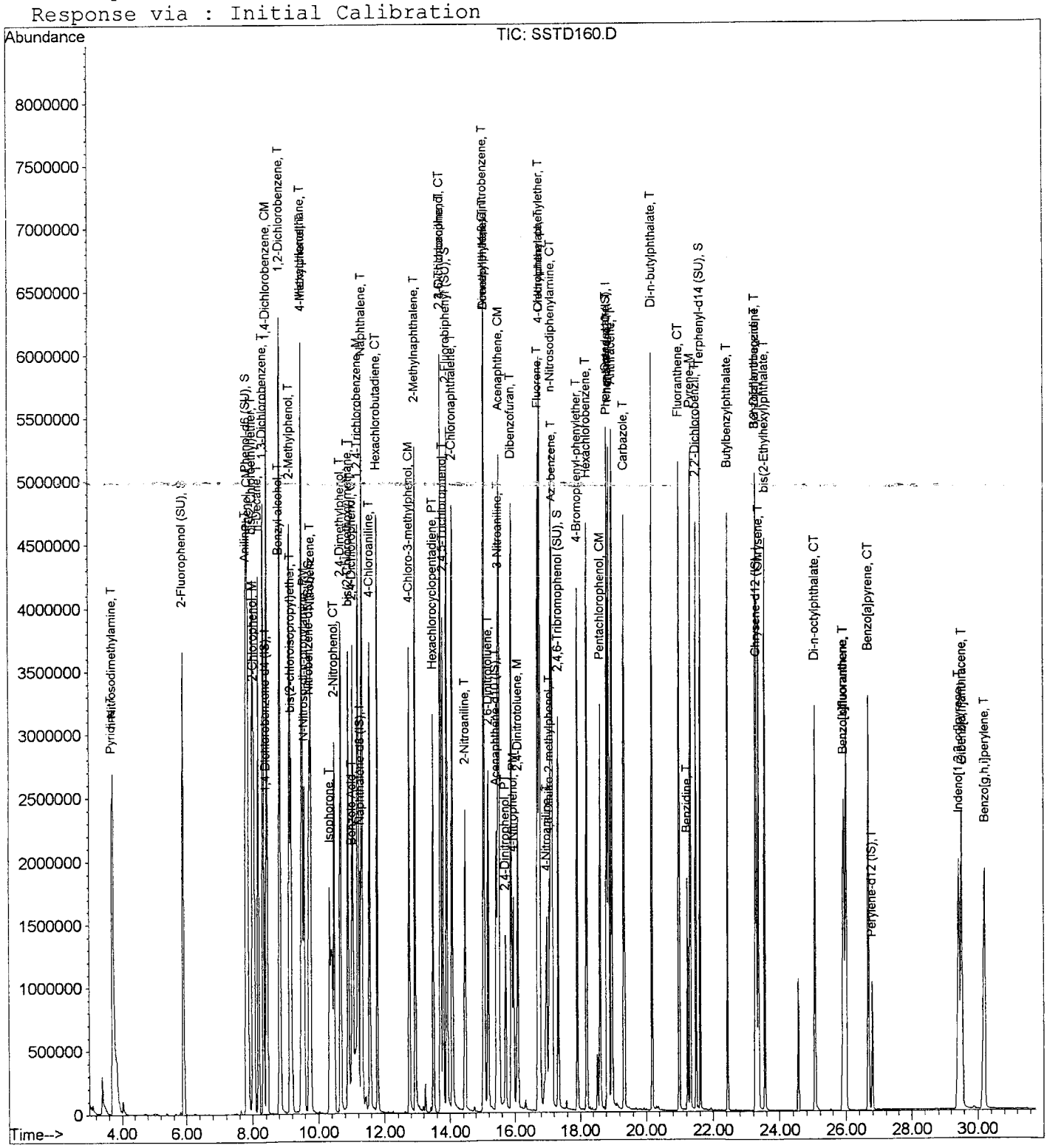
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:53 19107

Vial: 7
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 15:00 19107

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	606374	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.25	136	2209327	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	1072178	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1388662	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	947624	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	680634	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	47029	2.02	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 2.02%#			
7) Phenol-d6 (SU)	7.78	99	58771	2.07	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 2.07%#			
21) Nitrobenzene-d5 (SU)	9.69	82	39289	1.68	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.36%#			
40) 2-Fluorobiphenyl (SU)	13.88	172	80402	2.24	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.48%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	11198	1.56	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 1.56%#			
74) Terphenyl-d14 (SU)	21.60	244	55812	2.08	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 4.16%#			
Target Compounds						Qvalue
3) Pyridine	3.75	79	47901	1.85	ppm	93
4) n-Nitrosodimethylamine	3.72	74	32258	2.03	ppm	95
5) bis(2-Chloroethyl)ether	7.96	93	51067	2.06	ppm	99
6) Aniline	7.80	93	75317	2.16	ppm	94
8) Phenol	7.80	94	68350	2.20	ppm	94
9) 2-Chlorophenol	8.01	128	45071	2.06	ppm	96
10) n-Decane	8.17	57	41875	2.20	ppm	100
11) 1,3-Dichlorobenzene	8.31	146	51408	2.15	ppm	98
12) 1,4-Dichlorobenzene	8.42	146	52285m	2.21	ppm	
13) 1,2-Dichlorobenzene	8.83	146	47075	2.09	ppm	96
14) Benzyl alcohol	8.78	108	25857	1.76	ppm	99
15) bis(2-chloroisopropyl)ethe	9.15	45	43021	2.13	ppm	99
16) 2-Methylphenol	9.10	107	34194	1.97	ppm	97
17) Hexachloroethane	9.49	117	18223	2.14	ppm	99
18) N-Nitroso-di-n-propylamine	9.47	70	28635	1.91	ppm	98
19) 4-Methylphenol	9.42	107	47331	1.96	ppm	99
22) Nitrobenzene	9.72	77	39399	1.78	ppm	99
23) Isophorone	10.29	82	73310	1.71	ppm	97
24) 2-Nitrophenol	10.46	139	20389	1.84	ppm	96
25) 2,4-Dimethylphenol	10.63	122	35003	1.92	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 15:00 19107

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.86	93	54206	1.97	ppm		98
27)	2,4-Dichlorophenol	10.99	162	30130	1.78	ppm		97
28)	1,2,4-Trichlorobenzene	11.18	180	33145	1.74	ppm		94
29)	Benzoic Acid	10.63	122	35003	8.05	ppm	#	16
30)	Naphthalene	11.30	128	115853	2.07	ppm		99
31)	4-Chloroaniline	11.53	127	45665	1.84	ppm		97
32)	Hexachlorobutadiene	11.78	225	18798	1.63	ppm		95
33)	4-Chloro-3-methylphenol	12.73	107	28689	1.63	ppm		98
34)	2-Methylnaphthalene	12.92	141	59751	2.02	ppm		98
35)	2,3-Dichloroaniline	13.69	161	39056	2.11	ppm		97
37)	Hexachlorocyclopentadiene	13.49	237	9358	1.22	ppm		98
38)	2,4,6-Trichlorophenol	13.69	196	18421	1.98	ppm		95
39)	2,4,5-Trichlorophenol	13.77	196	19181	1.72	ppm		99
41)	2-Chloronaphthalene	14.05	162	65981	2.20	ppm		98
42)	2-Nitroaniline	14.43	65	15003	1.87	ppm		94
43)	1,3-Dinitrobenzene	14.98	168	7691	0.68	ppm	#	1
44)	Acenaphthylene	15.03	152	95350	2.18	ppm		98
45)	Dimethylphthalate	15.00	163	75165	2.29	ppm		98
46)	2,6-Dinitrotoluene	15.13	165	15458	1.84	ppm		99
47)	Acenaphthene	15.48	154	60537	2.13	ppm		97
48)	3-Nitroaniline	15.42	138	14664	1.84	ppm	#	44
50)	Dibenzofuran	15.86	168	91430	2.09	ppm		73
51)	2,4-Dinitrotoluene	16.04	165	15310	1.36	ppm		97
52)	4-Nitrophenol	15.91	109	1953	5.69	ppm	#	1
53)	Fluorene	16.68	166	67450	1.98	ppm		100
54)	4-Chlorophenyl-phenylether	16.75	204	31546	1.92	ppm		94
55)	Diethylphthalate	16.71	149	67782	2.02	ppm		99
56)	Azobenzene	17.11	77	68231	1.76	ppm		96
57)	4-Nitroaniline	16.87	138	12127	1.38	ppm		94
58)	n-Octadecane	18.81	57	29904	1.90	ppm		96
60)	4,6-Dinitro-2-methylphenol	16.98	198	1544	5.13	ppm	#	50
61)	n-Nitrosodiphenylamine	17.06	169	49037	2.18	ppm		99
63)	4-Bromophenyl-phenylether	17.89	248	22895	1.94	ppm		95
64)	Hexachlorobenzene	18.16	284	29968	1.94	ppm		99
66)	Phenanthrene	18.85	178	88293	1.98	ppm		98
67)	Anthracene	18.94	178	88321	1.96	ppm		98
68)	Carbazole	19.31	167	67516	1.76	ppm		97
69)	Di-n-butylphthalate	20.16	149	99694	1.91	ppm		100
70)	Fluoranthene	20.97	202	72530	1.74	ppm		100
72)	Pyrene	21.30	202	71364	2.07	ppm		97
73)	2,2'-Dichlorobenzil	21.47	139	47236	2.12	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D Vial: 8
Acq On : 15 Nov 2007 1:25 pm Operator: DF/AI
Sample : 2ppm STD #7100427 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 15:00 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	Benzidine	21.23	184	16774	1.30	ppm	93
76)	Butylbenzylphthalate	22.43	149	29638	1.95	ppm	99
77)	3,3'-Dichlorobenzidine	23.27	252	16799	1.61	ppm	94
78)	Benzo[a]anthracene	23.25	228	50483	2.02	ppm	97
79)	Chrysene	23.33	228	48751	2.00	ppm	98
80)	bis(2-Ethylhexyl)phthalate	23.55	149	35786	2.12	ppm	97
81)	Di-n-octylphthalate	25.04	149	34764	1.88	ppm	96
83)	Benzo[b]fluoranthene	25.87	252	44774	1.84	ppm	99
84)	Benzo[k]fluoranthene	25.94	252	43168	1.78	ppm	99
85)	Benzo[a]pyrene	26.65	252	36188	1.81	ppm	94
86)	Indeno[1,2,3-cd]pyrene	29.38	276	35139	2.37	ppm	99
87)	Dibenz[a,h]anthracene	29.48	278	32587	Below	Cal	95
88)	Benzo[g,h,i]perylene	30.11	276	38718	2.52	ppm	100

(#) = qualifier out of range (m) = manual integration
SSTD002.D G7K15SV.M Thu Nov 15 15:01:36 2007 Page 3

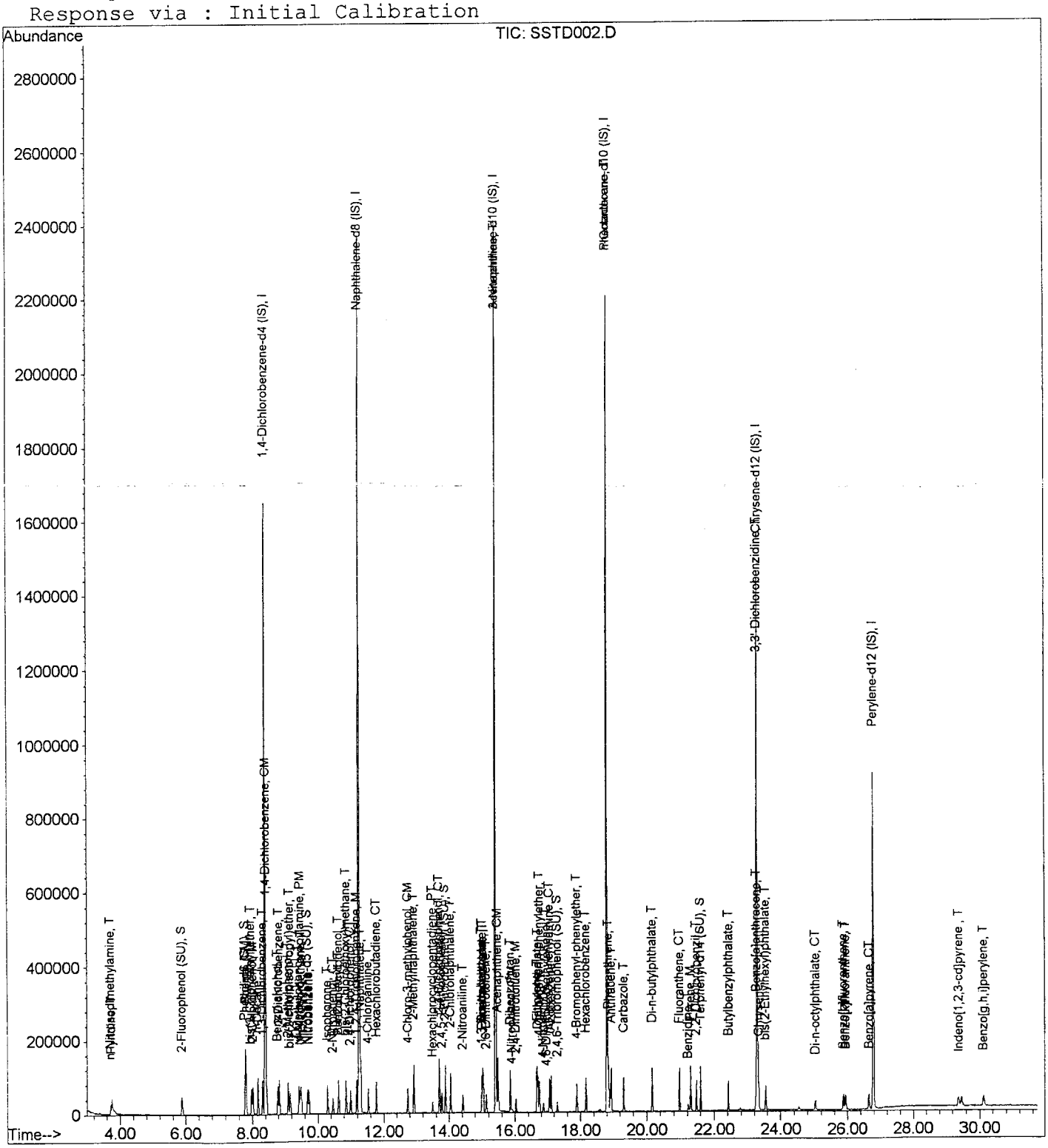
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 15:00 19107

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration

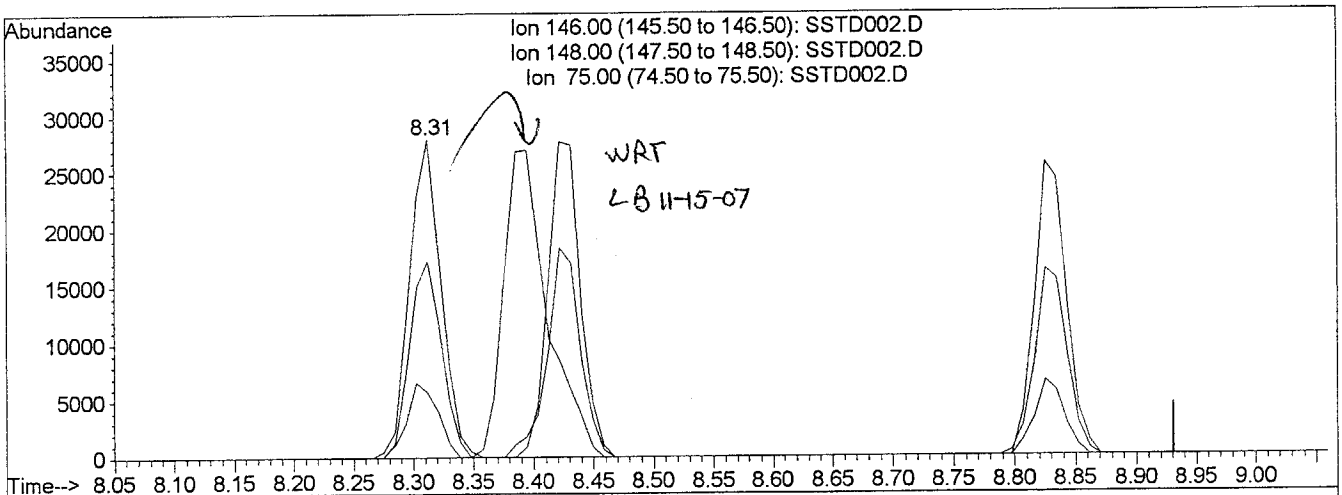


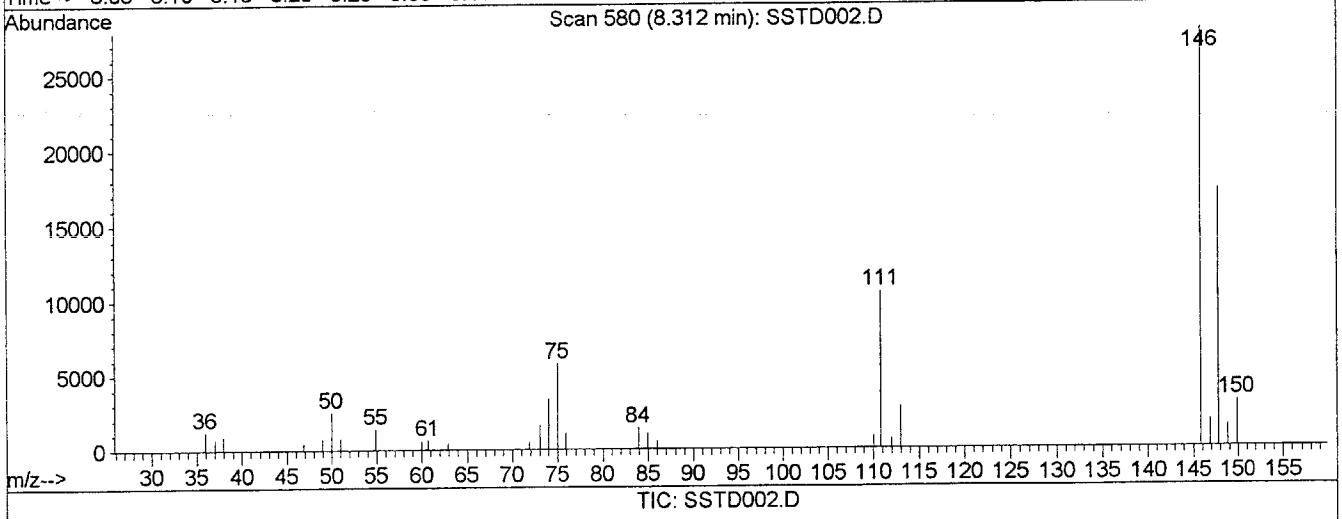
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
Integration Params: RTE 2NT7P

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration





TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

8.31min 2.17ppm

response 51408

Ion	Exp%	Act%
146.00	100	100
148.00	62.90	62.86
75.00	29.20	22.97
0.00	0.00	0.00

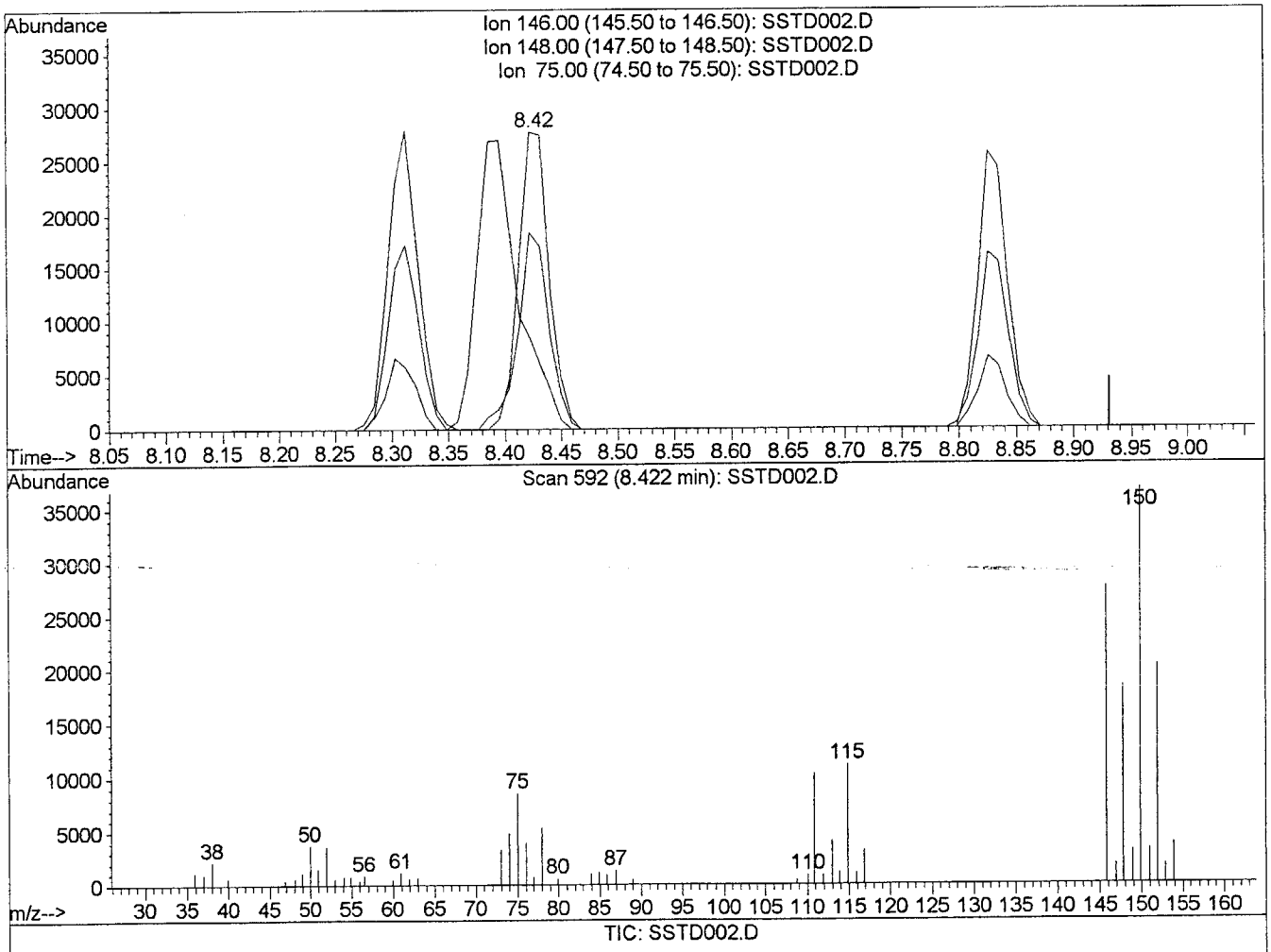
SSTD002.D G7K15SV.M Thu Nov 15 14:59:58 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
Quant Time: Nov 15 15:00:07 2007

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Multiple Level Calibration



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

8.42min 2.21ppm m

response 52285

Ion	Exp%	Act%
146.00	100	100
148.00	62.90	61.81
75.00	29.20	22.59
0.00	0.00	0.00

SSTD002.D G7K15SV.M Thu Nov 15 15:00:05 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D Vial: 8
Acq On : 15 Nov 2007 1:25 pm Operator: DF/AI
Sample : 2ppm STD #7100427 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:59 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	606374	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.25	136	2209327	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	1072178	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1388662	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	947624	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	680634	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	47029	2.02	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 2.02%#			
7) Phenol-d6 (SU)	7.78	99	58771	2.07	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 2.07%#			
21) Nitrobenzene-d5 (SU)	9.69	82	39289	1.68	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.36%#			
40) 2-Fluorobiphenyl (SU)	13.88	172	80402	2.24	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.48%#			
62) 2,4,6-Tribromophenol (SU)	17.30	330	11198	1.56	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 1.56%#			
74) Terphenyl-d14 (SU)	21.60	244	55812	2.08	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 4.16%#			
Target Compounds						Qvalue
3) Pyridine	3.75	79	47901	1.85	ppm	93
4) n-Nitrosodimethylamine	3.72	74	32258	2.03	ppm	95
5) bis(2-Chloroethyl)ether	7.96	93	51067	2.06	ppm	99
6) Aniline	7.80	93	75317	2.16	ppm	94
8) Phenol	7.80	94	68350	2.20	ppm	94
9) 2-Chlorophenol	8.01	128	45071	2.06	ppm	96
10) n-Decane	8.17	57	41875	2.20	ppm	100
11) 1,3-Dichlorobenzene	8.31	146	51408	2.15	ppm	98
12) 1,4-Dichlorobenzene	8.31	146	51408	2.17	ppm	96
13) 1,2-Dichlorobenzene	8.83	146	47075	2.09	ppm	96
14) Benzyl alcohol	8.78	108	25857	1.76	ppm	99
15) bis(2-chloroisopropyl)ethe	9.15	45	43021	2.13	ppm	99
16) 2-Methylphenol	9.10	107	34194	1.97	ppm	97
17) Hexachloroethane	9.49	117	18223	2.14	ppm	99
18) N-Nitroso-di-n-propylamine	9.47	70	28635	1.91	ppm	98
19) 4-Methylphenol	9.42	107	47331	1.96	ppm	99
22) Nitrobenzene	9.72	77	39399	1.78	ppm	99
23) Isophorone	10.29	82	73310	1.71	ppm	97
24) 2-Nitrophenol	10.46	139	20389	1.84	ppm	96
25) 2,4-Dimethylphenol	10.63	122	35003	1.92	ppm	97

(#) = qualifier out of range (m) = manual integration
SSTD002.D G7K15SV.M Thu Nov 15 14:59:10 2007 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D Vial: 8
Acq On : 15 Nov 2007 1:25 pm Operator: DF/AI
Sample : 2ppm STD #7100427 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:59 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.86	93	54206	1.97	ppm		98
27)	2,4-Dichlorophenol	10.99	162	30130	1.78	ppm		97
28)	1,2,4-Trichlorobenzene	11.18	180	33145	1.74	ppm		94
29)	Benzoic Acid	10.63	122	35003	8.05	ppm	#	16
30)	Naphthalene	11.30	128	115853	2.07	ppm		99
31)	4-Chloroaniline	11.53	127	45665	1.84	ppm		97
32)	Hexachlorobutadiene	11.78	225	18798	1.63	ppm		95
33)	4-Chloro-3-methylphenol	12.73	107	28689	1.63	ppm		98
34)	2-Methylnaphthalene	12.92	141	59751	2.02	ppm		98
35)	2,3-Dichloroaniline	13.69	161	39056	2.11	ppm		97
37)	Hexachlorocyclopentadiene	13.49	237	9358	1.22	ppm		98
38)	2,4,6-Trichlorophenol	13.69	196	18421	1.98	ppm		95
39)	2,4,5-Trichlorophenol	13.77	196	19181	1.72	ppm		99
41)	2-Chloronaphthalene	14.05	162	65981	2.20	ppm		98
42)	2-Nitroaniline	14.43	65	15003	1.87	ppm		94
43)	1,3-Dinitrobenzene	14.98	168	7691	0.68	ppm	#	1
44)	Acenaphthylene	15.03	152	95350	2.18	ppm		98
45)	Dimethylphthalate	15.00	163	75165	2.29	ppm		98
46)	2,6-Dinitrotoluene	15.13	165	15458	1.84	ppm		99
47)	Acenaphthene	15.48	154	60537	2.13	ppm		97
48)	3-Nitroaniline	15.42	138	14664	1.84	ppm	#	44
50)	Dibenzofuran	15.86	168	91430	2.09	ppm		73
51)	2,4-Dinitrotoluene	16.04	165	15310	1.36	ppm		97
52)	4-Nitrophenol	15.91	109	1953	5.69	ppm	#	1
53)	Fluorene	16.68	166	67450	1.98	ppm		100
54)	4-Chlorophenyl-phenylether	16.75	204	31546	1.92	ppm		94
55)	Diethylphthalate	16.71	149	67782	2.02	ppm		99
56)	Azobenzene	17.11	77	68231	1.76	ppm		96
57)	4-Nitroaniline	16.87	138	12127	1.38	ppm		94
58)	n-Octadecane	18.81	57	29904	1.90	ppm		96
60)	4,6-Dinitro-2-methylphenol	16.98	198	1544	5.13	ppm	#	50
61)	n-Nitrosodiphenylamine	17.06	169	49037	2.18	ppm		99
63)	4-Bromophenyl-phenylether	17.89	248	22895	1.94	ppm		95
64)	Hexachlorobenzene	18.16	284	29968	1.94	ppm		99
66)	Phenanthrene	18.85	178	88293	1.98	ppm		98
67)	Anthracene	18.94	178	88321	1.96	ppm		98
68)	Carbazole	19.31	167	67516	1.76	ppm		97
69)	Di-n-butylphthalate	20.16	149	99694	1.91	ppm		100
70)	Fluoranthene	20.97	202	72530	1.74	ppm		100
72)	Pyrene	21.30	202	71364	2.07	ppm		97
73)	2,2'-Dichlorobenzil	21.47	139	47236	2.12	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:59 19107

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

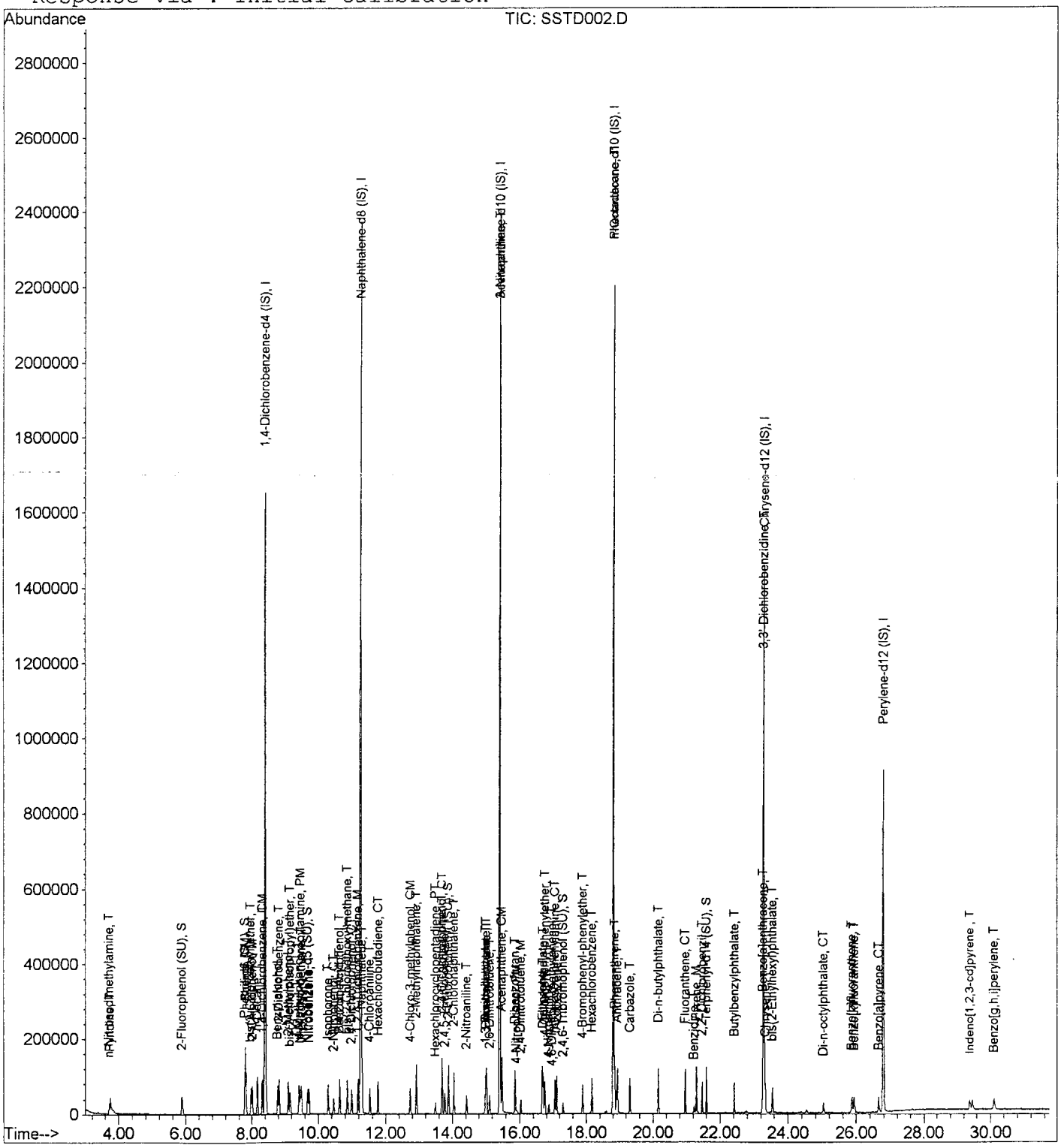
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75) Benzidine	21.23	184	16774	1.30	ppm	93
76) Butylbenzylphthalate	22.43	149	29638	1.95	ppm	99
77) 3,3'-Dichlorobenzidine	23.27	252	16799	1.61	ppm	94
78) Benzo[a]anthracene	23.25	228	50483	2.02	ppm	97
79) Chrysene	23.33	228	48751	2.00	ppm	98
80) bis(2-Ethylhexyl)phthalate	23.55	149	35786	2.12	ppm	97
81) Di-n-octylphthalate	25.04	149	34764	1.88	ppm	96
83) Benzo[b]fluoranthene	25.87	252	44774	1.84	ppm	99
84) Benzo[k]fluoranthene	25.94	252	43168	1.78	ppm	99
85) Benzo[a]pyrene	26.65	252	36188	1.81	ppm	94
86) Indeno[1,2,3-cd]pyrene	29.38	276	35139	2.37	ppm	99
87) Dibenz[a,h]anthracene	29.48	278	32587	Below	Cal	95
88) Benzo[g,h,i]perylene	30.11	276	38718	2.52	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D Vial: 8
Acq On : 15 Nov 2007 1:25 pm Operator: DF/AI
Sample : 2ppm STD #7100427 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 14:59 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Tue Nov 13 22:05:35 2007
Response via : Initial Calibration



CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**LCS050.D**	Instrum	**GCMS62**
Operator:	**DF/AI**	ial Calibrat	**Midpoint -- 8270/625**
Date Acquired:	**11/15/20 -1:2:**	Method	**G7K13SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	50.45	-0.90
1,4-Dichlorobenzene	50	51.41	-2.82
2-Nitrophenol	50	55.20	-10.39
2,4-Dichlorophenol	50	53.63	-7.27
Hexachlorobutadiene	50	50.50	-0.99
4-Chloro-3-methylphenol	50	55.46	-10.93
2,4,6-Trichlorophenol	50	54.82	-9.64
Acenaphthene	50	52.62	-5.25
n-Nitrosodiphenylamine	50	55.28	-10.55
Pentachlorophenol	50	52.40	-4.79
Fluoranthene	50	49.29	1.42
Di-n-octylphthalate	50	50.83	-1.67
Benzo[a]pyrene	50	52.95	-5.89

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	0.823
Hexachlorocyclopentadiene	0.05	0.336
2,4-Dinitrophenol	0.05	0.147
4-Nitrophenol	0.05	0.117

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: LCS050.D
Date: 11/15/20 -1:2:
Matrix: Midpoint -- 8270/625

Source: Crescent Chemical
Instrument: GCMS62

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	52.07	104	(70-130)
n-Nitrosodimethylamine	50	50.95	102	(80-120)
bis(2-Chloroethyl)ether	50	51.76	104	(80-120)
Aniline	50	49.34	99	(80-120)
2-Chlorophenol	50	51.94	104	(80-120)
n-Decane	50	46.99	94	(80-120)
1,3-Dichlorobenzene	50	50.51	101	(80-120)
1,2-Dichlorobenzene	50	52.79	106	(80-120)
Benzyl alcohol	50	56.91	114	(70-130)
bis(2-chloroisopropyl)ether	50	52.85	106	(80-120)
2-Methylphenol	50	53.21	106	(80-120)
Hexachloroethane	50	50.21	100	(80-120)
N-Nitroso-di-n-propylamine	50	49.71	99	(80-120)
4-Methylphenol	50	55.93	112	(80-120)
Nitrobenzene	50	51.42	103	(80-120)
Isophorone	50	55.20	110	(80-120)
2,4-Dimethylphenol	50	50.96	102	(80-120)
bis(2-Chloroethoxy)methane	50	50.57	101	(80-120)
1,2,4-Trichlorobenzene	50	51.93	104	(80-120)
Benzoic Acid	50	54.99	110	(75-125)
Naphthalene	50	51.56	103	(80-120)
4-Chloroaniline	50	52.83	106	(80-120)
2-Methylnaphthalene	50	53.02	106	(80-120)
2,3-Dichloroaniline	50	49.81	100	(80-120)
Hexachlorocyclopentadiene	50	59.07	118	(70-130)
2,4,5-Trichlorophenol	50	56.56	113	(80-120)
2-Chloronaphthalene	50	53.15	106	(80-120)
2-Nitroaniline	50	54.20	108	(80-130)
1,3-Dinitrobenzene	50	51.00	102	(80-120)
Acenaphthylene	50	56.17	112	(80-120)
Dimethylphthalate	50	51.11	102	(80-120)
2,6-Dinitrotoluene	50	54.26	109	(80-120)
3-Nitroaniline	50	54.44	109	(70-140)
2,4-Dinitrophenol	50	47.15	94	(60-140)
Dibenzofuran	50	52.52	105	(80-120)
2,4-Dinitrotoluene	50	50.97	102	(70-140)

4-Nitrophenol	50	50.18	100	(60-135)
Fluorene	50	51.49	103	(80-120)
4-Chlorophenyl-phenylether	50	52.07	104	(80-120)
Diethylphthalate	50	50.07	100	(65-120)
Azobenzene	50	52.07	104	(80-120)
4-Nitroaniline	50	50.53	101	(60-160)
n-Octadecane	50	47.15	94	(80-120)
4,6-Dinitro-2-methylphenol	50	58.07	116	(80-120)
4-Bromophenyl-phenylether	50	53.65	107	(75-125)
Hexachlorobenzene	50	52.26	105	(70-120)
Phenanthrene	50	50.53	101	(80-120)
Anthracene	50	51.62	103	(80-120)
Carbazole	50	52.23	104	(70-120)
Di-n-butylphthalate	50	50.04	100	(80-120)
Pyrene	50	53.58	107	(60-120)
2,2'-Dichlorobenzil	50	53.52	107	(80-120)
Benzidine	50	45.23	90	(30-180)
Butylbenzylphthalate	50	52.37	105	(80-120)
3,3'-Dichlorobenzidine	50	56.97	114	(50-170)
Benzo[a]anthracene	50	53.23	106	(80-120)
Chrysene	50	51.18	102	(80-120)
bis(2-Ethylhexyl)phthalate	50	51.09	102	(75-125)
Benzo[b]fluoranthene	50	50.37	101	(80-120)
Benzo[k]fluoranthene	50	48.34	97	(80-120)
Indeno[1,2,3-cd]pyrene	50	53.97	108	(50-150)
Dibenz[a,h]anthracene	50	53.84	108	(60-160)
Benzo[g,h,i]perylene	50	52.14	104	(50-160)

Surrogates

2-Fluorophenol (SU)	50	51.10	102	(80-120)
Phenol-d6 (SU)	50	51.07	102	(80-120)
Nitrobenzene-d5 (SU)	25	25.39	102	(80-120)
2-Fluorobiphenyl (SU)	25	26.86	107	(80-120)
2,4,6-Tribromophenol (SU)	50	59.73	119	(80-120)
Terphenyl-d14 (SU)	25	26.36	105	(70-130)

*Denotes values out of expected range.

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	649751	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.27	136	2337603	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.43	164	1079069	40.00	ppm	0.01
59) Phenanthrene-d10 (IS)	18.82	188	1308554	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	914267	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	740140	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.89	112	1340547	51.10	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.10%			
7) Phenol-d6 (SU)	7.80	99	1447869	51.07	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 51.07%			
21) Nitrobenzene-d5 (SU)	9.70	82	526202	25.39	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 50.78%			
40) 2-Fluorobiphenyl (SU)	13.90	172	1021855	26.86	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 53.72%			
62) 2,4,6-Tribromophenol (SU)	17.32	330	397836	59.73	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 59.73%			
74) Terphenyl-d14 (SU)	21.61	244	666462	26.36	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 52.72%			
Target Compounds						Qvalue
3) Pyridine	3.71	79	1475064	52.07	ppm	99
4) n-Nitrosodimethylamine	3.71	74	885061	50.95	ppm	98
5) bis(2-Chloroethyl)ether	7.99	93	1308538	51.76	ppm	99
6) Aniline	7.81	93	1752562	49.34	ppm	100
8) Phenol	7.83	94	1634902	50.45	ppm	98
9) 2-Chlorophenol	8.02	128	1200752	51.94	ppm	100
10) n-Decane	8.18	57	984324	46.99	ppm	99
11) 1,3-Dichlorobenzene	8.32	146	1318561	50.51	ppm	99
12) 1,4-Dichlorobenzene	8.44	146	1324541	51.41	ppm	98
13) 1,2-Dichlorobenzene	8.84	146	1227097	52.79	ppm	98
14) Benzyl alcohol	8.80	108	778093	56.91	ppm	98
15) bis(2-chloroisopropyl)ethe	9.17	45	1092632	52.85	ppm	96
16) 2-Methylphenol	9.11	107	897428	53.21	ppm	100
17) Hexachloroethane	9.50	117	446191	50.21	ppm	95
18) N-Nitroso-di-n-propylamine	9.50	70	668406	49.71	ppm	99
19) 4-Methylphenol	9.46	107	1299049	55.93	ppm	99
22) Nitrobenzene	9.75	77	1046287	51.42	ppm	99
23) Isophorone	10.30	82	1878603	51.09	ppm	99
24) 2-Nitrophenol	10.47	139	651631	55.20	ppm	98
25) 2,4-Dimethylphenol	10.65	122	947329	50.96	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.88	93	1346863	50.57	ppm		100
27)	2,4-Dichlorophenol	11.01	162	884224	53.63	ppm		99
28)	1,2,4-Trichlorobenzene	11.19	180	892011	51.93	ppm		99
29)	Benzoic Acid	11.05	122	596119	54.99	ppm		98
30)	Naphthalene	11.31	128	2895406	51.56	ppm		100
31)	4-Chloroaniline	11.54	127	1274561	52.83	ppm		99
32)	Hexachlorobutadiene	11.78	225	482506	50.50	ppm		98
33)	4-Chloro-3-methylphenol	12.74	107	862542	55.46	ppm		99
34)	2-Methylnaphthalene	12.94	141	1548757	53.02	ppm		99
35)	2,3-Dichloroaniline	13.71	161	913088	49.81	ppm		99
37)	Hexachlorocyclopentadiene	13.49	237	452676	59.07	ppm		99
38)	2,4,6-Trichlorophenol	13.71	196	522714	54.82	ppm		99
39)	2,4,5-Trichlorophenol	13.77	196	626460	56.56	ppm		99
41)	2-Chloronaphthalene	14.07	162	1727420	53.15	ppm		99
42)	2-Nitroaniline	14.45	65	440065	54.20	ppm		97
43)	1,3-Dinitrobenzene	15.01	168	341757	51.00	ppm	#	45
44)	Acenaphthylene	15.05	152	2567159	56.17	ppm		99
45)	Dimethylphthalate	15.03	163	1709679	51.11	ppm		99
46)	2,6-Dinitrotoluene	15.15	165	474676	54.26	ppm		94
47)	Acenaphthene	15.50	154	1504250	52.62	ppm		99
48)	3-Nitroaniline	15.45	138	510448	54.44	ppm		98
49)	2,4-Dinitrophenol	15.68	184	197747	47.15	ppm		99
50)	Dibenzofuran	15.88	168	2261508	52.52	ppm		98
51)	2,4-Dinitrotoluene	16.06	165	580043	50.97	ppm		98
52)	4-Nitrophenol	15.91	109	157585	50.18	ppm	#	94
53)	Fluorene	16.69	166	1712588	51.49	ppm		99
54)	4-Chlorophenyl-phenylether	16.77	204	790794	52.07	ppm		97
55)	Diethylphthalate	16.73	149	1672454	50.07	ppm		99
56)	Azobenzene	17.12	77	1863515	52.07	ppm		100
57)	4-Nitroaniline	16.91	138	481300	50.53	ppm		100
58)	n-Octadecane	18.82	57	670135	47.15	ppm		98
60)	4,6-Dinitro-2-methylphenol	17.01	198	284133	58.07	ppm		98
61)	n-Nitrosodiphenylamine	17.08	169	1267796	55.28	ppm		100
63)	4-Bromophenyl-phenylether	17.90	248	576625	53.65	ppm		98
64)	Hexachlorobenzene	18.19	284	733408	52.26	ppm		99
65)	Pentachlorophenol	18.60	266	429109	52.40	ppm		99
66)	Phenanthrene	18.87	178	2131668	50.53	ppm		100
67)	Anthracene	18.96	178	2185528	51.62	ppm		100
68)	Carbazole	19.32	167	1882627	52.23	ppm		99
69)	Di-n-butylphthalate	20.17	149	2509036	50.04	ppm		100
70)	Fluoranthene	20.97	202	1826810	49.29	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	21.31	202	1772100	53.58	ppm	100
73)	2,2'-Dichlorobenzil	21.48	139	1280989	53.52	ppm	98
75)	Benzidine	21.23	184	430102	45.23	ppm	99
76)	Butylbenzylphthalate	22.43	149	793643	52.37	ppm	100
77)	3,3'-Dichlorobenzidine	23.27	252	526888	56.97	ppm	96
78)	Benzo[a]anthracene	23.27	228	1250555	53.23	ppm	99
79)	Chrysene	23.35	228	1177218	51.18	ppm	99
80)	bis(2-Ethylhexyl)phthalate	23.55	149	940929	51.09	ppm	100
81)	Di-n-octylphthalate	25.04	149	1142290	50.83	ppm	99
83)	Benzo[b]fluoranthene	25.90	252	1289583	50.37	ppm	99
84)	Benzo[k]fluoranthene	25.97	252	1181244	48.34	ppm	98
85)	Benzo[a]pyrene	26.67	252	1133485	52.95	ppm	98
86)	Indeno[1,2,3-cd]pyrene	29.42	276	1102344	53.97	ppm	99
87)	Dibenz[a,h]anthracene	29.50	278	1123697	53.84	ppm	99
88)	Benzo[g,h,i]perylene	30.15	276	1119489	52.14	ppm	100

(#) = qualifier out of range (m) = manual integration

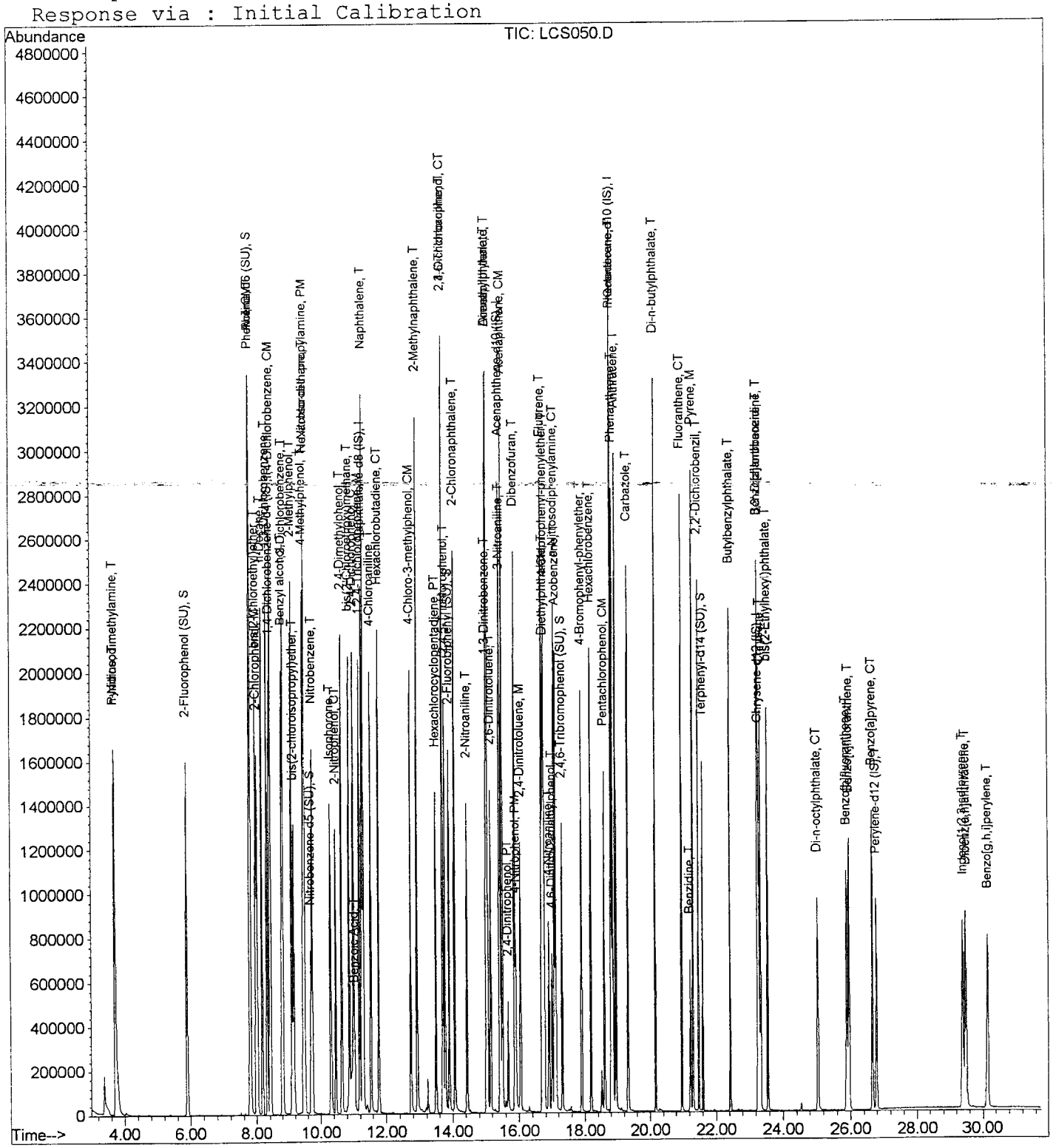
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D
Acq On : 15 Nov 2007 2:04 pm
Sample : 50ppm Second Source STD #7090368
Misc : Midpoint -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107

Vial: 9
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	649751	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.27	136	2337603	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.43	164	1079069	40.00	ppm	0.01
59) Phenanthrene-d10 (IS)	18.82	188	1308554	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	914267	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	740140	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.89	112	1340547	51.10	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.10%			
7) Phenol-d6 (SU)	7.80	99	1447869	51.07	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 51.07%			
21) Nitrobenzene-d5 (SU)	9.70	82	526202	25.39	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 50.78%			
40) 2-Fluorobiphenyl (SU)	13.90	172	1021855	26.86	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 53.72%			
62) 2,4,6-Tribromophenol (SU)	17.32	330	397836	59.73	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 59.73%			
74) Terphenyl-d14 (SU)	21.61	244	666462	26.36	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 52.72%			
Target Compounds						Qvalue
3) Pyridine	3.71	79	1475064	52.07	ppm	99
4) n-Nitrosodimethylamine	3.71	74	885061	50.95	ppm	98
5) bis(2-Chloroethyl)ether	7.99	93	1308538	51.76	ppm	99
6) Aniline	7.81	93	1752562	49.34	ppm	100
8) Phenol	7.83	94	1634902	50.45	ppm	98
9) 2-Chlorophenol	8.02	128	1200752	51.94	ppm	100
10) n-Decane	8.18	57	984324	46.99	ppm	99
11) 1,3-Dichlorobenzene	8.32	146	1318561	50.51	ppm	99
12) 1,4-Dichlorobenzene	8.44	146	1324541	51.41	ppm	98
13) 1,2-Dichlorobenzene	8.84	146	1227097	52.79	ppm	98
14) Benzyl alcohol	8.80	108	778093	56.91	ppm	98
15) bis(2-chloroisopropyl)ethe	9.17	45	1092632	52.85	ppm	96
16) 2-Methylphenol	9.11	107	897428	53.21	ppm	100
17) Hexachloroethane	9.50	117	446191	50.21	ppm	95
18) N-Nitroso-di-n-propylamine	9.50	70	668406	49.71	ppm	99
19) 4-Methylphenol	9.46	107	1299049	55.93	ppm	99
22) Nitrobenzene	9.75	77	1046287	51.42	ppm	99
23) Isophorone	10.30	82	1878603	51.09	ppm	99
24) 2-Nitrophenol	10.47	139	651631	55.20	ppm	98
25) 2,4-Dimethylphenol	10.65	122	947329	50.96	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.88	93	1346863	50.57	ppm		100
27)	2,4-Dichlorophenol	11.01	162	884224	53.63	ppm		99
28)	1,2,4-Trichlorobenzene	11.19	180	892011	51.93	ppm		99
29)	Benzoic Acid	11.05	122	596119	54.99	ppm		98
30)	Naphthalene	11.31	128	2895406	51.56	ppm		100
31)	4-Chloroaniline	11.54	127	1274561	52.83	ppm		99
32)	Hexachlorobutadiene	11.78	225	482506	50.50	ppm		98
33)	4-Chloro-3-methylphenol	12.74	107	862542	55.46	ppm		99
34)	2-Methylnaphthalene	12.94	141	1548757	53.02	ppm		99
35)	2,3-Dichloroaniline	13.71	161	913088	49.81	ppm		99
37)	Hexachlorocyclopentadiene	13.49	237	452676	59.07	ppm		99
38)	2,4,6-Trichlorophenol	13.71	196	522714	54.82	ppm		99
39)	2,4,5-Trichlorophenol	13.77	196	626460	56.56	ppm		99
41)	2-Chloronaphthalene	14.07	162	1727420	53.15	ppm		99
42)	2-Nitroaniline	14.45	65	440065	54.20	ppm		97
43)	1,3-Dinitrobenzene	15.01	168	341757	51.00	ppm	#	45
44)	Acenaphthylene	15.05	152	2567159	56.17	ppm		99
45)	Dimethylphthalate	15.03	163	1709679	51.11	ppm		99
46)	2,6-Dinitrotoluene	15.15	165	474676	54.26	ppm		94
47)	Acenaphthene	15.50	154	1504250	52.62	ppm		99
48)	3-Nitroaniline	15.45	138	510448	54.44	ppm		98
49)	2,4-Dinitrophenol	15.68	184	197747	47.15	ppm		99
50)	Dibenzofuran	15.88	168	2261508	52.52	ppm		98
51)	2,4-Dinitrotoluene	16.06	165	580043	50.97	ppm		98
52)	4-Nitrophenol	15.91	109	157585	50.18	ppm	#	94
53)	Fluorene	16.69	166	1712588	51.49	ppm		99
54)	4-Chlorophenyl-phenylether	16.77	204	790794	52.07	ppm		97
55)	Diethylphthalate	16.73	149	1672454	50.07	ppm		99
56)	Azobenzene	17.12	77	1863515	52.07	ppm		100
57)	4-Nitroaniline	16.91	138	481300	50.53	ppm		100
58)	n-Octadecane	18.82	57	670135	47.15	ppm		98
60)	4,6-Dinitro-2-methylphenol	17.01	198	284133	58.07	ppm		98
61)	n-Nitrosodiphenylamine	17.08	169	1267796	55.28	ppm		100
63)	4-Bromophenyl-phenylether	17.90	248	576625	53.65	ppm		98
64)	Hexachlorobenzene	18.19	284	733408	52.26	ppm		99
65)	Pentachlorophenol	18.60	266	429109	52.40	ppm		99
66)	Phenanthrene	18.87	178	2131668	50.53	ppm		100
67)	Anthracene	18.96	178	2185528	51.62	ppm		100
68)	Carbazole	19.32	167	1882627	52.23	ppm		99
69)	Di-n-butylphthalate	20.17	149	2509036	50.04	ppm		100
70)	Fluoranthene	20.97	202	1826810	49.29	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K13SV

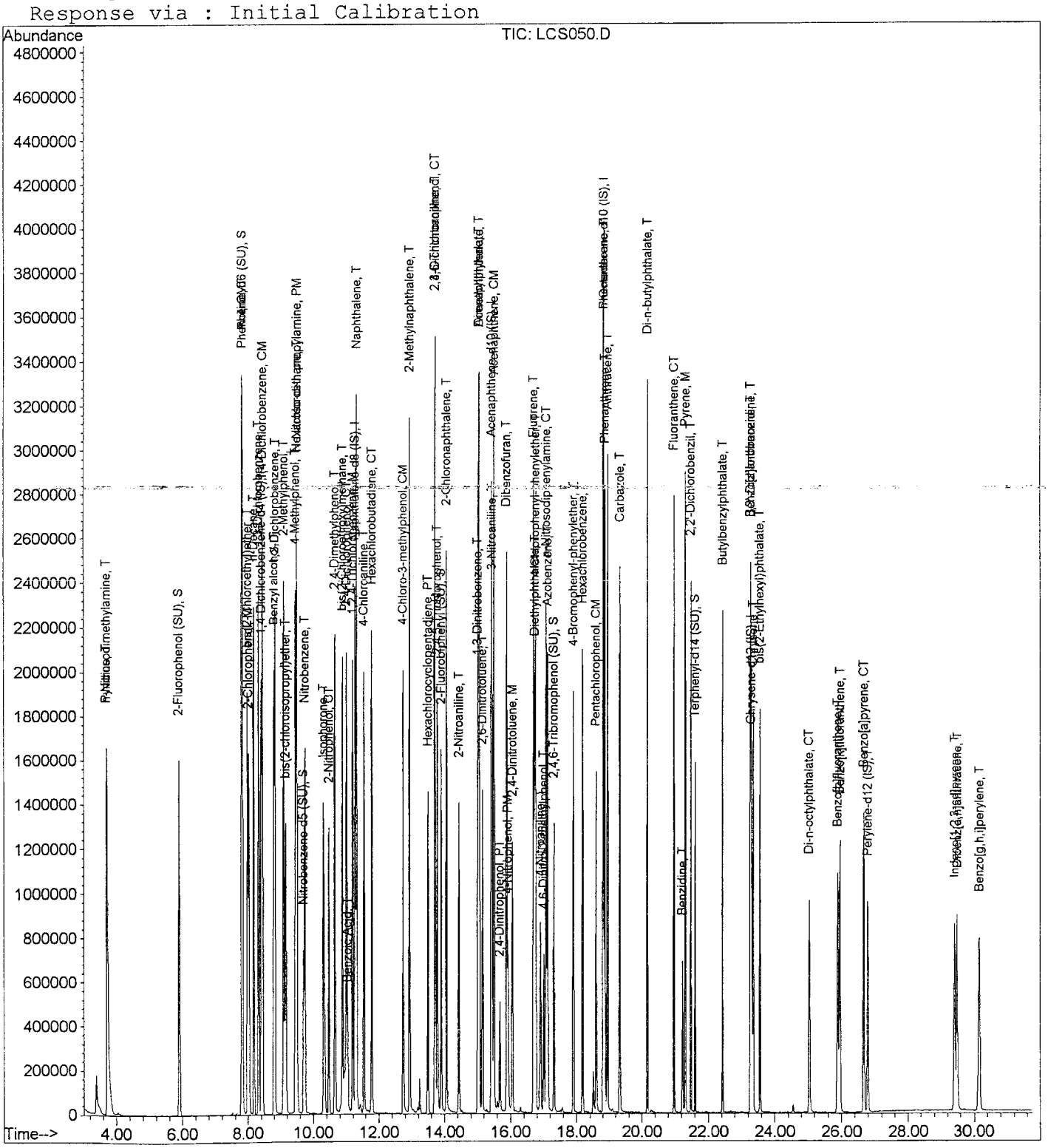
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	1772100	53.58	ppm	100
73) 2,2'-Dichlorobenzil	21.48	139	1280989	53.52	ppm	98
75) Benzidine	21.23	184	430102	45.23	ppm	99
76) Butylbenzylphthalate	22.43	149	793643	52.37	ppm	100
77) 3,3'-Dichlorobenzidine	23.27	252	526888	56.97	ppm	96
78) Benzo[a]anthracene	23.27	228	1250555	53.23	ppm	99
79) Chrysene	23.35	228	1177218	51.18	ppm	99
80) bis(2-Ethylhexyl)phthalate	23.55	149	940929	51.09	ppm	100
81) Di-n-octylphthalate	25.04	149	1142290	50.83	ppm	99
83) Benzo[b]fluoranthene	25.90	252	1289583	50.37	ppm	99
84) Benzo[k]fluoranthene	25.97	252	1181244	48.34	ppm	98
85) Benzo[a]pyrene	26.67	252	1133485	52.95	ppm	98
86) Indeno[1,2,3-cd]pyrene	29.42	276	1102344	53.97	ppm	99
87) Dibenz[a,h]anthracene	29.50	278	1123697	53.84	ppm	99
88) Benzo[g,h,i]perylene	30.15	276	1119489	52.14	ppm	100

(#) = qualifier out of range (m) = manual integration
LCS050.D G7K15SV.M Thu Nov 15 16:15:40 2007 Page 3

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 16:15 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D
Acq On : 15 Nov 2007 2:04 pm
Sample : 50ppm Second Source STD #7090368
Misc : Midpoint -- 8270/625
MS Integration Params: RTEINT.P

Vial: 9
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	118	0.00
2	S	2-Fluorophenol (SU)	1.615	1.651	-2.2	121	0.00
3	T	Pyridine	1.744	1.816	-4.1	121	0.00
4	T	n-Nitrosodimethylamine	1.069	1.090	-2.0	119	0.00
5	T	bis(2-Chloroethyl)ether	1.556	1.611	-3.5	114	0.01
6	T	Aniline	2.186	2.158	1.3	114	0.00
7	S	Phenol-d6 (SU)	1.745	1.783	-2.2	116	0.00
8	CM	Phenol	1.995	2.013	-0.9	118	0.00
9	M	2-Chlorophenol	1.423	1.478	-3.9	117	0.00
10	T	n-Decane	1.290	1.212	6.0	117	0.01
11	T	1,3-Dichlorobenzene	1.607	1.623	-1.0	119	0.00
12	CM	1,4-Dichlorobenzene	1.586	1.631	-2.8	120	0.00
13	T	1,2-Dichlorobenzene	1.431	1.511	-5.6	117	0.01
14	T	Benzyl alcohol	0.842	0.958	-13.8	117	0.01
15	T	bis(2-Chloroisopropyl)ether	1.273	1.345	-5.7	112	0.01
16	T	2-Methylphenol	1.038	1.105	-6.5	117	0.00
17	T	Hexachloroethane	0.547	0.549	-0.4	116	0.00
18	PM	N-Nitroso-di-n-propylamine	0.828	0.823	0.6	110	0.00
19	T	4-Methylphenol	1.430	1.599	-11.8	116	0.01
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	112	0.00
21	S	Nitrobenzene-d5 (SU)	0.355	0.180	49.3#	56	0.00
22	T	Nitrobenzene	0.348	0.358	-2.9	112	0.00
23	T	Isophorone	0.629	0.643	-2.2	110	0.00
24	CT	2-Nitrophenol	0.202	0.223	-10.4	116	0.01
25	T	2,4-Dimethylphenol	0.318	0.324	-1.9	110	0.01
26	T	bis(2-Chloroethoxy)methane	0.456	0.461	-1.1	109	0.01
27	CT	2,4-Dichlorophenol	0.282	0.303	-7.4	115	0.00
28	M	1,2,4-Trichlorobenzene	0.294	0.305	-3.7	120	0.01
29	T	Benzoic Acid	0.149	0.204	-36.9#	128	0.03
30	T	Naphthalene	0.961	0.991	-3.1	116	0.00
31	T	4-Chloroaniline	0.413	0.436	-5.6	112	0.00
32	CT	Hexachlorobutadiene	0.164	0.165	-0.6	118	0.00
33	CM	4-Chloro-3-methylphenol	0.266	0.295	-10.9	115	0.01
34	T	2-Methylnaphthalene	0.500	0.530	-6.0	114	0.00
35	T	2,3-Dichloroaniline	0.314	0.312	0.6	113	0.00
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	110	0.01
37	PT	Hexachlorocyclopentadiene	0.262	0.336	-28.2	132	0.00
38	CT	2,4,6-Trichlorophenol	0.353	0.388	-9.9	112	0.00
39	T	2,4,5-Trichlorophenol	0.411	0.464	-12.9	116	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.410	0.758	46.2#	58	0.00
41	T	2-Chloronaphthalene	1.205	1.281	-6.3	113	0.01
42	T	2-Nitroaniline	0.301	0.326	-8.3	112	0.00
43	T	1,3-Dinitrobenzene	0.203	0.253	-24.6	123	0.00
44	T	Acenaphthylene	1.694	1.903	-12.3	126	0.00
45	T	Dimethylphthalate	1.240	1.268	-2.3	110	0.00
46	T	2,6-Dinitrotoluene	0.324	0.352	-8.6	113	0.00
47	CM	Acenaphthene	1.060	1.115	-5.2	114	0.00
48	T	3-Nitroaniline	0.348	0.378	-8.6	111	0.00
49	PT	2,4-Dinitrophenol	0.125	0.147	-17.6	116	0.00
50	T	Dibenzofuran	1.596	1.677	-5.1	115	0.00
51	M	2,4-Dinitrotoluene	0.422	0.430	-1.9	109	0.00
52	PM	4-Nitrophenol	0.102	0.117	-14.7	116	0.00
53	T	Fluorene	1.233	1.270	-3.0	112	0.00
54	T	4-Chlorophenyl-phenylether	0.563	0.586	-4.1	112	0.00
55	T	Diethylphthalate	1.238	1.240	-0.2	107	0.00
56	T	Azobenzene	1.327	1.382	-4.1	108	0.00
57	T	4-Nitroaniline	0.353	0.357	-1.1	110	0.00
58	T	n-Octadecane	0.527	0.497	5.7	107	0.01
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	108	0.00
60	T	4,6-Dinitro-2-methylphenol	0.143	0.174	-21.7	117	0.01
61	CT	n-Nitrosodiphenylamine	0.701	0.775	-10.6	110	0.00
62	S	2,4,6-Tribromophenol (SU)	0.204	0.243	-19.1	114	0.00
63	T	4-Bromophenyl-phenylether	0.329	0.353	-7.3	112	0.00
64	T	Hexachlorobenzene	0.429	0.448	-4.4	111	0.01
65	CM	Pentachlorophenol	0.250	0.262	-4.8	110	0.00
66	T	Phenanthrene	1.290	1.303	-1.0	107	0.01
67	T	Anthracene	1.294	1.336	-3.2	109	0.00
68	T	Carbazole	1.102	1.151	-4.4	112	0.00
69	T	Di-n-butylphthalate	1.533	1.534	-0.1	104	0.00
70	CT	Fluoranthene	1.133	1.117	1.4	105	0.00
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	100	0.00
72	M	Pyrene	1.447	1.551	-7.2	104	0.00
73	T	2,2'-Dichlorobenzil	1.047	1.121	-7.1	100	0.00
74	S	Terphenyl-d14 (SU)	1.106	0.583	47.3#	52	0.00
75	T	Benzidine	0.416	0.376	9.6	79	0.00
76	T	Butylbenzylphthalate	0.663	0.694	-4.7	98	0.00
77	T	3,3'-Dichlorobenzidine	0.405	0.461	-13.8	106	0.00
78	T	Benzo[a]anthracene	1.028	1.094	-6.4	108	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\LCS050.D Vial: 9
Acq On : 15 Nov 2007 2:04 pm Operator: DF/AI
Sample : 50ppm Second Source STD #7090368 Inst : GCMS62
Misc : Midpoint -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.006	1.030	-2.4	105	0.00
80	T	bis(2-Ethylhexyl)phthalate	0.806	0.823	-2.1	96	0.00
81	CT	Di-n-octylphthalate	0.983	1.000	-1.7#	98	0.00
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	145	0.00
83	T	Benzo[b]fluoranthene	1.384	1.394	-0.7	121	0.00
84	T	Benzo[k]fluoranthene	1.321	1.277	3.3	115	0.01
85	CT	Benzo[a]pyrene	1.157	1.225	-5.9	128	0.00
86	T	Indeno[1,2,3-cd]pyrene	1.104	1.191	-7.9	141	0.01
87	T	Dibenz[a,h]anthracene	1.128	1.215	-7.7	137	0.01
88	T	Benzo[g,h,i]perylene	1.160	1.210	-4.3	139	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 1
LCS050.D G7K15SV.M Thu Nov 15 16:16:11 2007 Page 3

GC/MS DAILY LOG SUMMARY

DATE: 11-19-07 **DATAFILE:** C:\GCMS62\DATA\ 07NOV19

ANALYST: LB **GCMS:** # 62 **EPA METHOD:** 625/8270 C

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN1	***	Pass @ 13:13				
2	50ppm Midpoint STD	***	SSTD050	***					
3	5 ppm		005						# 7100428
4	10 ppm		010						429
5	80 ppm		080						432
6	7K17046-BLK1	-	61119001	S	SH/LB	17046	SH 11-20-07	LB 11-20-07	
7	-BS1	-	02						
8	7K15059-BLK1	-	03			15059	SH 11-20-07		
9	-BS1	-	04						
10	-BSD1	-	05						
11	7K16100-BLK1	-	06	TCLP		16100	SH 11-20-07	LB 11-20-07	
12	-BS1	-	07						
13	1QK1137-08	-	08	S		12065	SH 11-20-07		
14	1QK1480-01	-	09			17046	SH 11-20-07	LB 11-20-07	
15	-02	-	10						
16	-03	-	11						
17	-04	-	12						
18	-05	-	13						
19	-06	-	14						
20	-07	-	15						
21	1QK1332-01	-	16	W		15059	SH 11-20-07	LB 11-20-07	
22	1QK1515-01	-	17						
23	1QK1517-01	-	18						
24	1QK1519-01	-	19						
25	1QK1520-01	-	20						
26	1QK1521-01	-	21						
27	1QK1271-02	-	22						
28	1QK1328-01	-	23						
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

Benzidine < 3 ✓ Pentachlorophenol < 5 ✓ DDT Degradation < 20 ✓

Standard Code:

DFTPP: 7100452 Internal Standard: 7110338 Calibration: 7110295

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/17/2007 4:50:36PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
7K15059-BLK1		QC	11/15/07 07:22	1000	2			0	1000			
7K15059-BS1		QC	11/15/07 07:22	1000	2		7100743	500	1000			
7K15059-BSD1		QC	11/15/07 07:22	1000	2		7100743	500	1000			
IQK1104-01	-	8270C (TCLP List)	11/15/07 07:22	1000	2				1000			pH=6
IQK1104-02	-	8270C (TCLP List)	11/15/07 07:22	980	2				1000			pH=6
IQK1104-03	-	8270C (TCLP List)	11/15/07 07:22	980	2				1000			pH=6
IQK1104-05	-	8270C (TCLP List)	11/15/07 07:22	990	2				1000			pH=10
IQK1104-07	-	8270C (TCLP List)	11/15/07 07:22	990	2				1000			pH=6
IQK1271-02	C	625+NDMA+Hydrazin	11/15/07 07:22	1050	2				1000			J flags, only if sample is diluted pH=6
IQK1328-01	L	625+NDMA+Hydrazin	11/15/07 07:22	1060	2				1000			J-flag pH=6
IQK1332-01	F	625+NDMA+Hydrazin	11/15/07 07:22	1045	2				1000			J-flag pH=6
IQK1396-01	D	8270C-Default	11/15/07 07:22	1020	2				1000			TA-Irvine pH=6
IQK1411-03	-	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1433-01	G	8270C-Dichlorobenzil	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-07	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-08	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-09	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1515-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=10
IQK1517-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=10
IQK1519-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6

SMH 11/17/07

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/17/2007 4:50:36PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
IQK1520-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6
IQK1521-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6
IQK1600-01	-	8270C-Phenols	11/15/07 07:22	990	1				1000			pH=6

Reagents used in Batch

Reagent	Description	Solvent

Acid heat start 11/15/07 @ 2000
stop 11/1607 @ 1410
Base heat start 11/16/07 @ 1720
11/17/07 @ 1300
MeCl2 jtb E41E60
Na2SO4 emd 47193734
H2SO4 jtb C50055
NaOH jtb C51600

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/15/2007 6:33:22PM

Matrix: Water 23

Prepared using: Extractions - EPA 3520C

7100729

~~(No Surrogate)~~

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
7K15059-BLK1		QC	11/15/07 07:22	1000	2			0	1000	LA	RN	
7K15059-BS1		QC	11/15/07 07:22	1000	2		7100743	500				
7K15059-BSD1		QC	11/15/07 07:22	1000	2		↓	500				
IQK1104-01	-	8270C (TCLP List)	11/15/07 07:22	1000	2							pH 6
IQK1104-02	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~ 980	2							
IQK1104-03	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~	2							
IQK1104-05	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~ 990	2							pH 10
IQK1104-07	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~	2							pH 6
IQK1271-02	C	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1050	2							J flags, only if sample is diluted
IQK1328-01	L	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1060	2							J-flag
IQK1332-01	F	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1045	2							J-flag
IQK1396-01	D	8270C-Default	11/15/07 07:22	~~1000~~ 1020	2							TA-Irvine
IQK1411-03	-	8270C+NDMA+Hydraz	11/15/07 07:22	~~1000~~ 1020	2							J flags
IQK1433-01	G	8270C-Dichlorobenzil	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-07	E	8270C+NDMA+Hydraz	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-08	E	8270C+NDMA+Hydraz	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-09	E	8270C+NDMA+Hydraz	11/15/07 07:22	~~1000~~	2							J flags
IQK1515-01	O	625-Default	11/15/07 07:22	~~1000~~	2							pH 10
IQK1517-01	O	625-Default	11/15/07 07:22	~~1000~~	2							
IQK1519-01	O	625-Default	11/15/07 07:22	~~1000~~	2							pH 6

LA 11/15/07

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

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PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/15/2007 6:33:22PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
IQK1520-01	O	625-Default	11/15/07 07:22	~~1000~~ 960	2							pH 6
IQK1521-01	O	625-Default	11/15/07 07:22	~~1000~~ 960	2							
IQK1600-01	-	8270C-Phenols	11/15/07 07:22	~~1000~~ 990	1							

$MeCl_2$ JTB E41E60
Na_2SO_4 EMD 47193734
H_2SO_4 JTB C50055
NaOH JTB C51600

Acid Heat Start 11/15 @ 2000
Stop 11/16 @ 1410
Base Heat Start 11/16 @ 1720
Stop 11/17 @ 1300

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS QA-QC Check Report

Tune File : C:\GCMS62\DATA\07NOV19\STUN1.D
Tune Time : 19 Nov 2007 1:13 pm

Daily Calibration File : C:\GCMS62\DATA\07NOV19\SSTD050.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 327124	(NPT) 1222240	(ANT) 597069	(PHN) 786504	(CRY) 671182	(PRY) 420413
File	Sample	Surrogate Recovery %						Internal Standard Responses					
G1119001.D	7K17046-BLK1	68	82	71	78	82	85	408190	1515116	731511	988381	804442	611435
G1119002.D	7K17046-BS1	77	90	77	89	96	99	343975	1311106	622890	822885	670913	475736
G1119003.D	7K15059-BLK1	71	86	73	82	76	82	265165	990775	464451	627973	518031	404273
G1119004.D	7K15059-BS1	66	76	76	87	91	90	289236	1071108	510053	662009	522727	409367
G1119005.D	7K15059-BSD1	69	81	75	84	89	90	283961	1074535	529897	708805	567885	384603
G1119006.D	7K16100-BLK1	70	83	75	83	81	94	345166	1278391	615494	845522	567169	421446
G1119007.D	7K16100-BS1	67	76	75	82	86	82	341305	1262215	613630	803724	614745	453059
G1119008.D	IQK1137-08	69	87	73	83	74	83	377605	1424932	676071	909299	699686	437380
G1119009.D	IQK1480-01	75	92	76	87	82	84	393928	1504186	715803	956020	790721	669574
G1119010.D	IQK1480-02	71	86	68	78	78	93	300742	1134232	544846	722673	463124	323345
G1119011.D	IQK1480-03	60	75	63	73	68	77	359840	1371533	658586	895323	707638	534243
G1119012.D	IQK1480-04	67	86	70	82	76	101	337696	1279410	603003	779098	505524	344433
G1119013.D	IQK1480-05	68	83	69	79	75	90	387106	1447652	669191	873650	637316	471273
G1119014.D	IQK1480-06	71	85	69	80	77	91	326580	1224769	580007	768020	558820	424437
G1119015.D	IQK1480-07	57	72	61	71	65	92	359467	1331029	639974	868523	585033	419887
G1119016.D#	IQK1332-01	68	80	72	79	77	89	350682	1295355	600754	759618	518250	294948
G1119017.D#	IQK1515-01	49	61	63	72	64	90	305596	1109589	518205	690645	423397	267283
G1119018.D#	IQK1517-01	67	81	76	89	84	103	335196	1234377	572527	749806	474379	348947
G1119019.D#	IQK1519-01	69	85	72	82	83	93	301661	1094545	513358	692772	495766	329132
G1119020.D#	IQK1520-01	62	78	71	85	83	100	345863	1292916	594219	752813	448341	331382
G1119021.D#	IQK1521-01	64	82	70	79	80	91	351985	1339266	653140	916262	634458	440866
G1119022.D#	IQK1271-02	76	87	77	91	81	103	381240	1419149	638624	823236	470767	304726
G1119023.D#	IQK1328-01	69	82	71	79	80	97	314825	1202620	580399	788369	482946	322932

- fails 12hr time check * - fails criteria

Created: Tue Nov 20 09:27:07 2007 GCMS62

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050.D**	Instrum	**GCMS62**
Operator:	**DF/AI**	ial Calibrat	**ICAL -- 8270/625**
Date Acquired:	**11/19/20 -1:1:**	Method	**G7K15SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	54.80	-9.59
1,4-Dichlorobenzene	50	52.31	-4.62
2-Nitrophenol	50	51.52	-3.03
2,4-Dichlorophenol	50	51.37	-2.74
Hexachlorobutadiene	50	47.09	5.81
4-Chloro-3-methylphenol	50	53.78	-7.56
2,4,6-Trichlorophenol	50	53.18	-6.35
Acenaphthene	50	50.27	-0.54
n-Nitrosodiphenylamine	50	49.36	1.28
Pentachlorophenol	50	48.87	2.26
Fluoranthene	50	51.19	-2.38
Di-n-octylphthalate	50	56.11	-12.22
Benzo[a]pyrene	50	60.19	-20.39

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	0.871
Hexachlorocyclopentadiene	0.05	0.262
2,4-Dinitrophenol	0.05	0.133
4-Nitrophenol	0.05	0.104

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050.D
Date: 11/19/20 -1:1:
Matrix: ICAL -- 8270/625

Source: Crescent Chemical
Instrument: GCMS62

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	54.08	108	(70-130)
n-Nitrosodimethylamine	50	54.22	108	(80-120)
bis(2-Chloroethyl)ether	50	54.34	109	(80-120)
Aniline	50	55.87	112	(80-120)
2-Chlorophenol	50	51.63	103	(80-120)
n-Decane	50	52.91	106	(80-120)
1,3-Dichlorobenzene	50	50.82	102	(80-120)
1,2-Dichlorobenzene	50	53.66	107	(80-120)
Benzyl alcohol	50	56.64	113	(70-130)
bis(2-chloroisopropyl)ether	50	55.16	110	(80-120)
2-Methylphenol	50	54.97	110	(80-120)
Hexachloroethane	50	52.24	104	(80-120)
N-Nitroso-di-n-propylamine	50	52.60	105	(80-120)
4-Methylphenol	50	56.21	112	(80-120)
Nitrobenzene	50	50.05	100	(80-120)
Isophorone	50	51.52	103	(80-120)
2,4-Dimethylphenol	50	52.60	105	(80-120)
bis(2-Chloroethoxy)methane	50	51.77	104	(80-120)
1,2,4-Trichlorobenzene	50	48.58	97	(80-120)
Benzoic Acid	50	53.59	107	(75-125)
Naphthalene	50	51.44	103	(80-120)
4-Chloroaniline	50	53.30	107	(80-120)
2-Methylnaphthalene	50	53.24	106	(80-120)
2,3-Dichloroaniline	50	51.29	103	(80-120)
Hexachlorocyclopentadiene	50	46.81	94	(70-130)
2,4,5-Trichlorophenol	50	51.44	103	(80-120)
2-Chloronaphthalene	50	50.30	101	(80-120)
2-Nitroaniline	50	50.80	102	(80-130)
1,3-Dinitrobenzene	50	40.95	82	(80-120)
Acenaphthylene	50	49.84	100	(80-120)
Dimethylphthalate	50	50.89	102	(80-120)
2,6-Dinitrotoluene	50	49.97	100	(80-120)
3-Nitroaniline	50	53.05	106	(70-140)
2,4-Dinitrophenol	50	43.78	88	(60-140)
Dibenzofuran	50	49.86	100	(80-120)
2,4-Dinitrotoluene	50	49.26	99	(70-140)

4-Nitrophenol	50	44.97	90		(60-135)
Fluorene	50	50.25	101		(80-120)
4-Chlorophenyl-phenylether	50	49.71	99		(80-120)
Diethylphthalate	50	49.83	100		(65-120)
Azobenzene	50	52.12	104		(80-120)
4-Nitroaniline	50	50.35	101		(60-160)
n-Octadecane	50	55.05	110		(80-120)
4,6-Dinitro-2-methylphenol	50	49.86	100		(80-120)
4-Bromophenyl-phenylether	50	46.75	94		(75-125)
Hexachlorobenzene	50	46.21	92		(70-120)
Phenanthrene	50	49.37	99		(80-120)
Anthracene	50	48.71	97		(80-120)
Carbazole	50	49.90	100		(70-120)
Di-n-butylphthalate	50	51.42	103		(80-120)
Pyrene	50	48.23	96		(60-120)
2,2'-Dichlorobenzil	50	50.02	100		(80-120)
Benzidine	50	46.45	93		(30-180)
Butylbenzylphthalate	50	52.09	104		(80-120)
3,3'-Dichlorobenzidine	50	52.61	105		(50-170)
Benzo[a]anthracene	50	50.74	101		(80-120)
Chrysene	50	49.56	99		(80-120)
bis(2-Ethylhexyl)phthalate	50	54.57	109		(75-125)
Benzo[b]fluoranthene	50	58.43	117		(80-120)
Benzo[k]fluoranthene	50	61.24	122	*	(80-120)
Indeno[1,2,3-cd]pyrene	50	57.58	115		(50-150)
Dibenz[a,h]anthracene	50	58.05	116		(60-160)
Benzo[g,h,i]perylene	50	57.04	114		(50-160)

Surrogates

2-Fluorophenol (SU)	50	51.59	103		(80-120)
Phenol-d6 (SU)	50	54.22	108		(80-120)
Nitrobenzene-d5 (SU)	50	49.19	98		(80-120)
2-Fluorobiphenyl (SU)	50	49.62	99		(80-120)
2,4,6-Tribromophenol (SU)	50	49.12	98		(80-120)
Terphenyl-d14 (SU)	50	46.88	94		(70-130)

*Denotes values out of expected range.

GCMS DATA CHECK LIST
EPA 8270C/625 – Semivolatile Organic Analysis

2nd Level Review:	LB	Analyst:	CH
Date:	11-20-07	Analysis Date:	11-19-07
QC Batches:	7K17046, 7K15059, 7K16100, 7K12065	GCMS #:	62

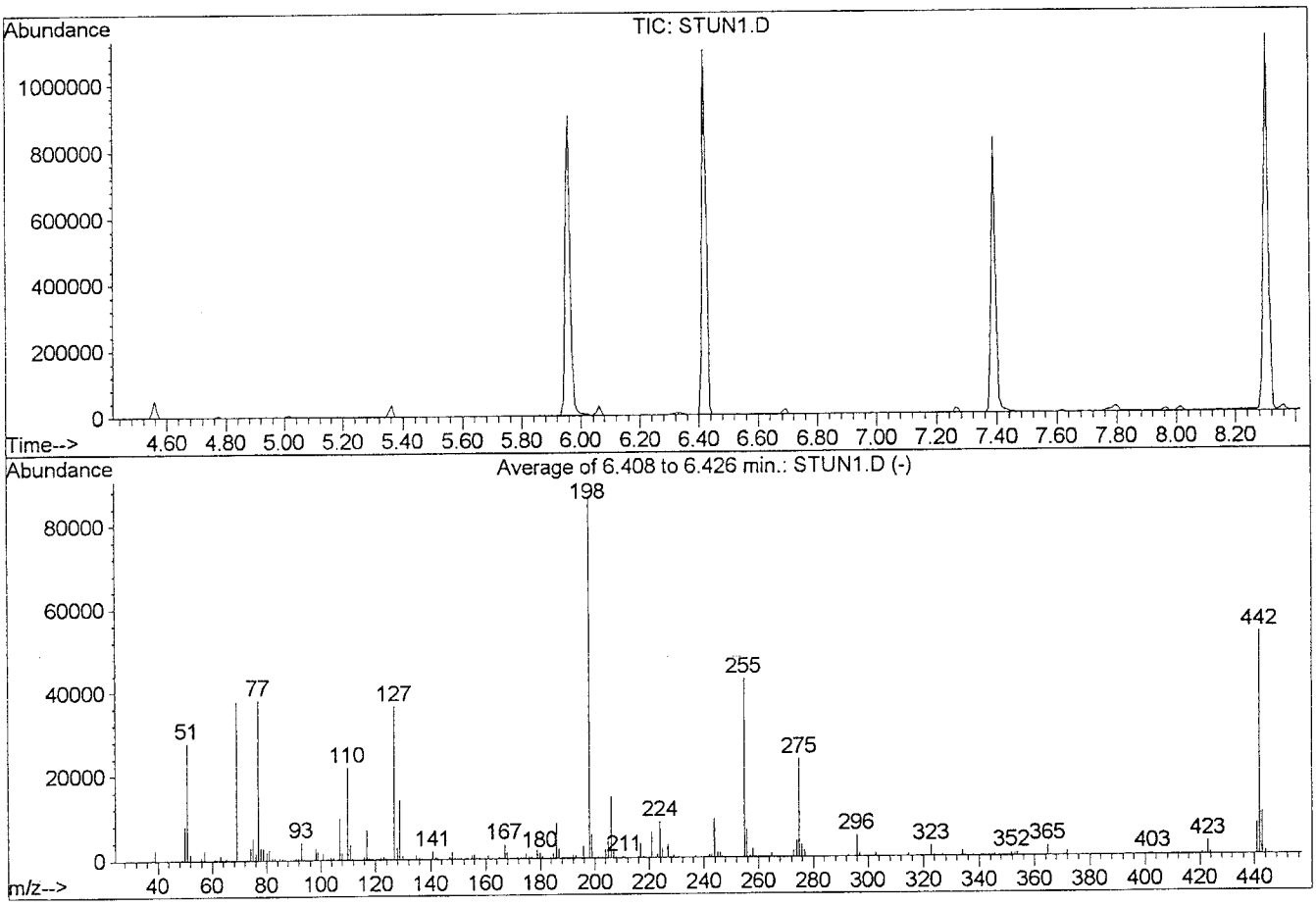
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
	✓	**Calibration :**
✓		• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD of RF: <= ±30 % for CCCs; <= ±15 % for non-CCCs.
✓		• If RSD >± 15 % and r^2 >= 0.99: use linear or quadratic regression. For negative or "below-cal"results by regression: reprocess using RFs.
	✓	
✓	✓	**Mid-point check (ICV/CCV) :**
✓	✓	• After initial calibration and every 12-hour shift
✓	✓	• SPCC: Minimum RF and % recovery met (refer to in-house limits)
✓	✓	• CCC: % difference from initial calibration <= 20%
		• Other compounds: % recovery met (refer to in-house limits)
✓	✓	**Method blank :** every extraction batch of 20 samples (< RL or flag accordingly)
✓	✓	**LCS :** every extraction batch of 20 samples or less (checked against in-house limits)
✓	✓	**MS/MSD :** every extraction batch of 20 samples or less (checked against in-house limits)
✓	✓	
		All samples check for :
✓	✓	• Unit, Dilution Factor,
✓	✓	• Manual Integration, Transcription Errors,
✓	✓	• Spectra Match
✓	✓	• IS areas (-50% to + 100 % first four IS; -20% to +100% last two IS)
✓	✓	• Surrogates within limits (refer to in-house limits)
✓	✓	• All samples analyzed within tuning period (EPA 8270C: 12hr; EPA 625: 24hr)
✓	✓	GCMS Initial Calibration Criteria Form attached (if averaged calibration RFs used)
✓	✓	GCMS Calibration Check Criteria Form attached (if averaged %REC of ICV/CCV used)
✓	✓	Mint Miner Check
✓	✓	Corrective Action Report attached (if applicable)

Comments: _____

DFTPP

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00



AutoFind: Scans 258, 259, 260; Background Corrected with Scan 255

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.1	27753	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.7	37796	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	42.3	36560	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	86475	PASS
199	198	5	9	6.4	5542	PASS
275	198	10	30	26.8	23210	PASS
365	198	1	100	2.5	2191	PASS
441	443	0.01	100	72.2	7292	PASS
442	198	40	100	61.6	53238	PASS
443	442	17	23	19.0	10093	PASS

STUN1.D DFTPP.M Mon Nov 19 13:23:53 2007

Average of 6.408 to 6.426 min.: STUN1.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	287	64.95	347	82.00	377	100.90	1416
39.00	2341	68.95	37796	82.90	372	102.90	288
49.05	212	72.95	230	84.90	361	103.80	546
49.95	7942	73.95	2842	85.95	320	104.80	534
50.95	27753	75.00	5107	86.95	175	106.95	9609
51.95	1482	76.00	1545	90.95	464	107.95	1595
55.90	670	77.00	38005	91.95	434	109.95	21875
56.95	2197	78.00	2797	92.85	4057	110.95	3365
60.95	406	78.90	2622	93.95	184	111.95	253
61.90	295	79.90	1709	98.00	2693	116.05	562
62.90	1219	80.90	2312	98.90	1978	116.85	6971

Average of 6.408 to 6.426 min.: STUN1.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.80	380	135.95	362	154.90	643	172.95	208
121.90	390	136.95	285	155.85	1073	173.75	352
122.90	767	140.90	1745	156.85	206	174.80	1054
123.90	342	141.90	392	157.85	170	175.95	334
124.90	289	142.70	244	159.85	258	176.85	400
126.90	36560	146.90	431	160.90	711	178.85	1924
127.90	2880	147.80	1554	164.80	417	179.90	1295
128.95	14064	148.90	207	166.00	307	180.80	592
129.90	899	151.05	202	166.90	3253	183.90	196
133.85	297	152.85	237	167.85	1500	184.85	928
134.85	996	153.75	217	171.85	174	185.90	8313

Average of 6.408 to 6.426 min.: STUN1.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
186.70	204	202.85	237	217.85	267	242.85	562
186.90	2267	203.90	1942	220.85	6036	243.85	9057
188.80	308	204.90	3816	222.85	761	244.85	1166
190.90	235	205.90	14430	223.85	8338	245.85	970
191.90	637	206.90	2190	224.85	2107	246.80	186
192.85	571	207.90	314	226.90	2946	254.80	42526
195.90	2822	210.00	212	227.80	300	255.80	6397
197.85	86475	210.40	288	228.80	606	256.85	375
198.85	5542	210.80	220	230.80	201	257.85	1886
199.85	220	215.95	171	236.85	176	258.85	199
201.45	313	216.85	3199	241.90	487	264.85	783

Average of 6.408 to 6.426 min.: STUN1.D
DFTPP #7100452
Modified:subtracted

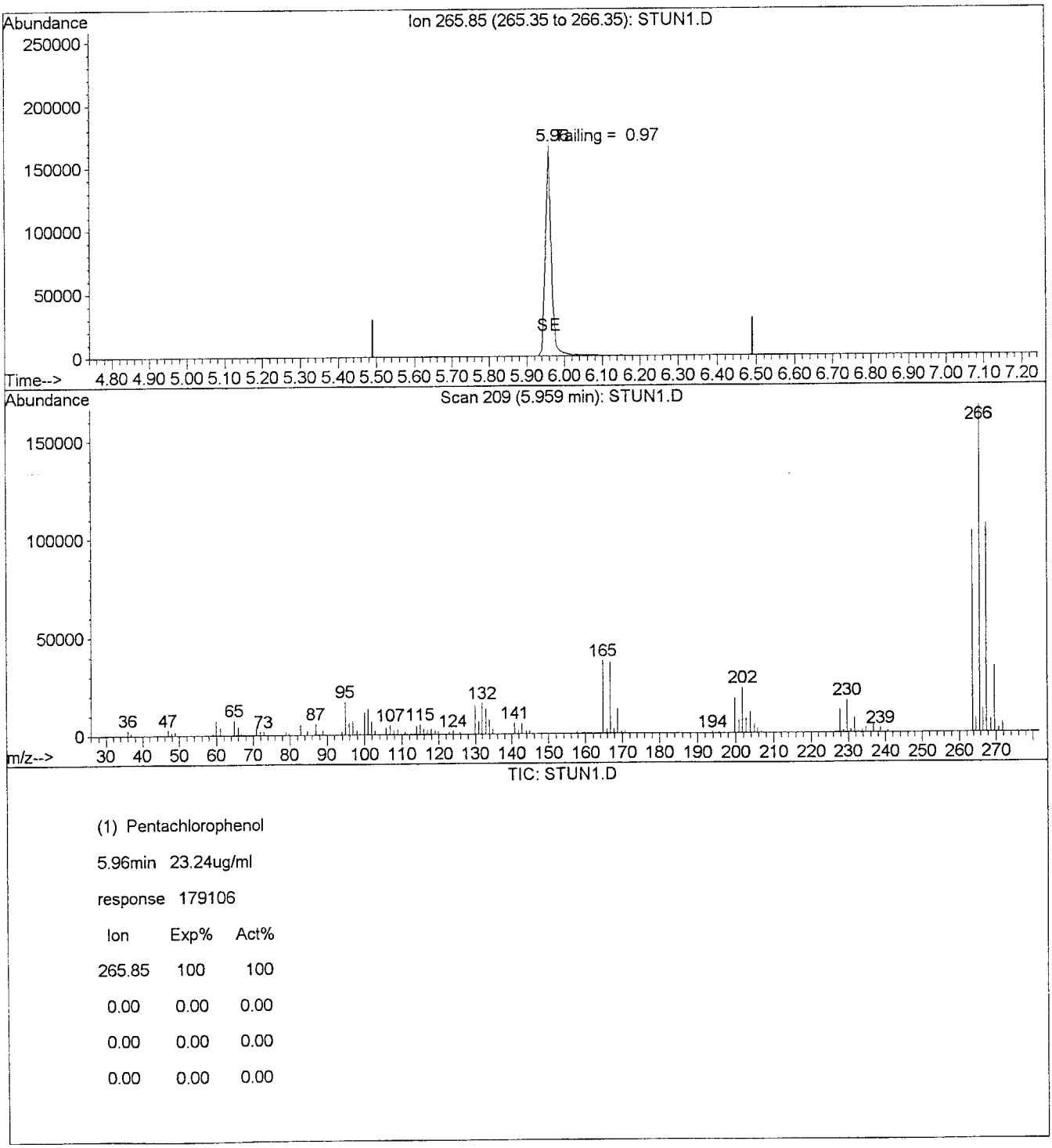
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
272.80	1447	323.85	417	371.85	959		
273.85	3769	326.80	407	401.80	197		
274.80	23210	333.90	1345	402.70	273		
275.80	2888	334.80	207	420.80	330		
276.80	1433	340.80	167	421.80	201		
292.80	203	345.75	405	422.80	3041		
295.80	4988	351.75	622	423.75	570		
296.80	729	352.80	484	440.90	7292		
302.85	638	353.75	660	441.85	53238		
314.80	573	364.75	2191	442.85	10093		
322.85	2309	365.85	221	443.90	754		

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
Quant Time: Nov 19 13:24 2007 RTE Integrator

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration



(1) Pentachlorophenol

5.96min 23.24ug/ml

response 179106

Ion	Exp%	Act%
265.85	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

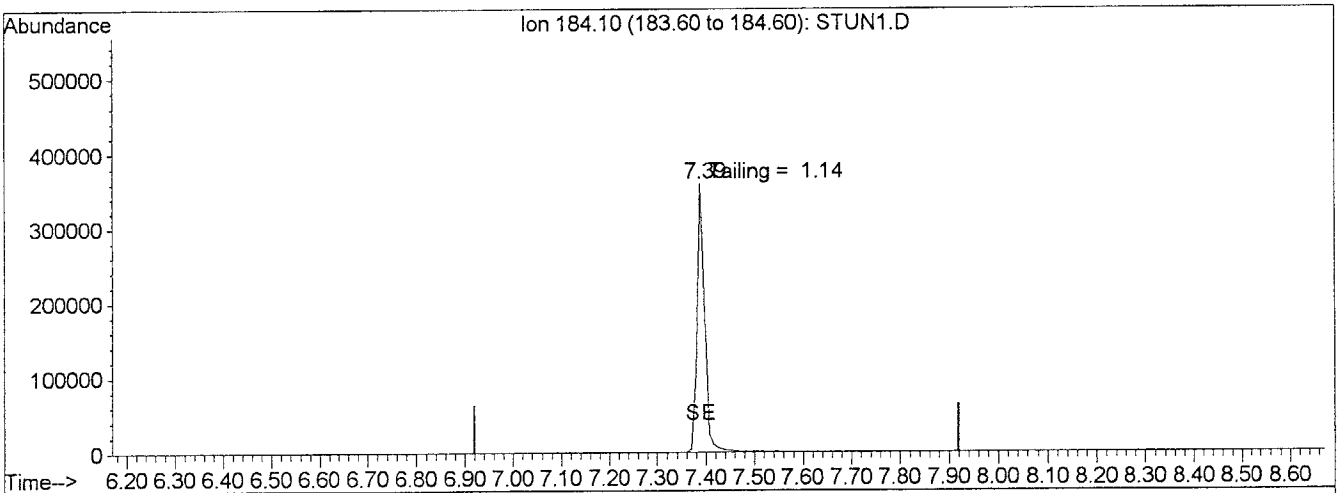
STUN1.D DFTPP.M Mon Nov 19 13:24:13 2007

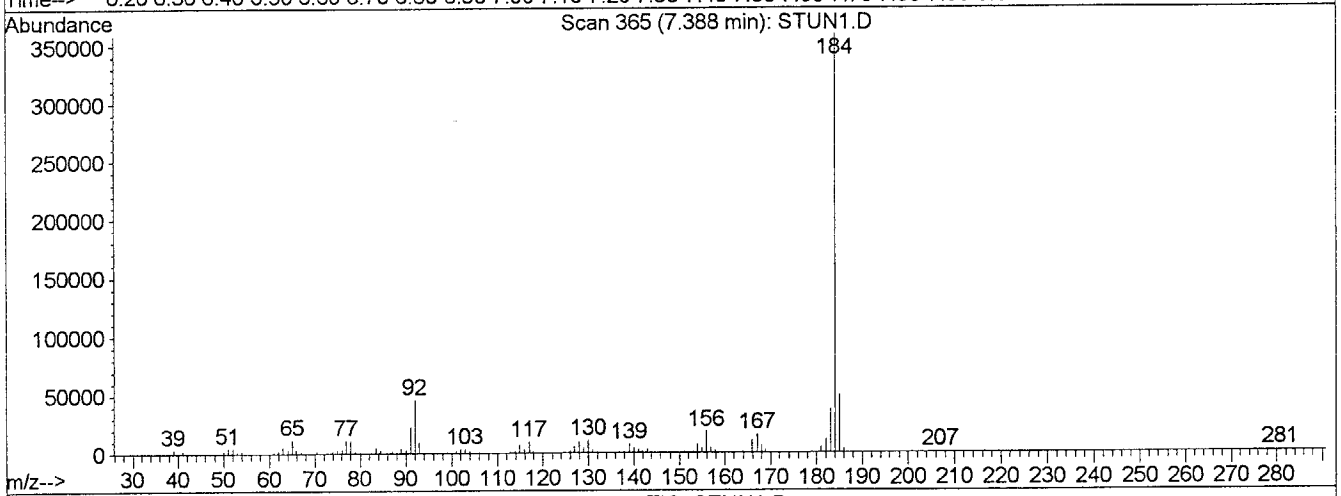
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE.P

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration





TIC: STUN1.D

(3) BENZIDINE

7.39min 24.65ug/ml

response 394650

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

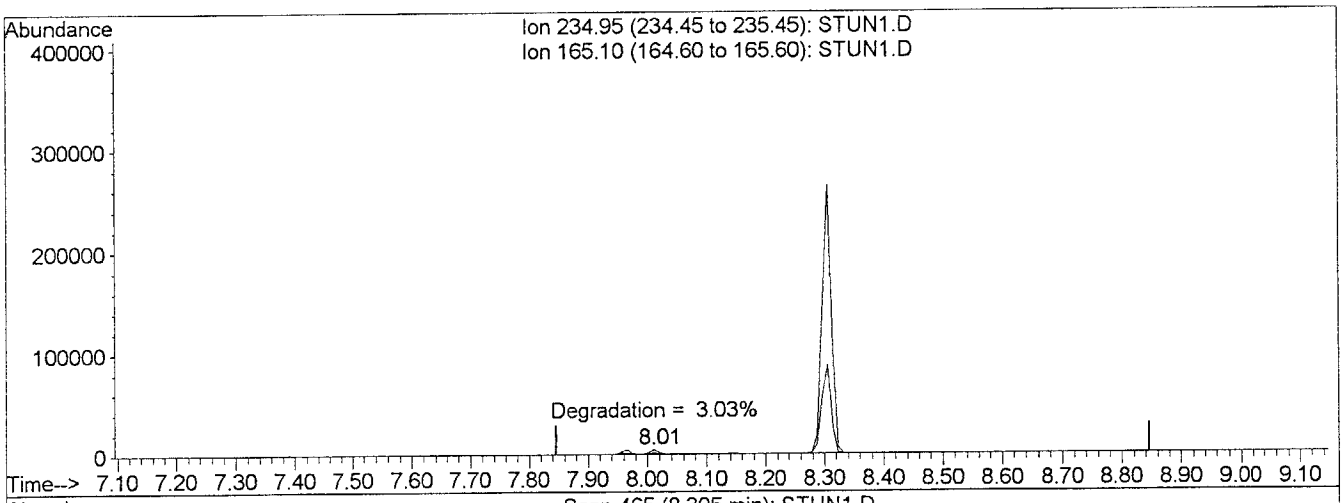
STUN1.D DFTPP.M Mon Nov 19 13:24:22 2007

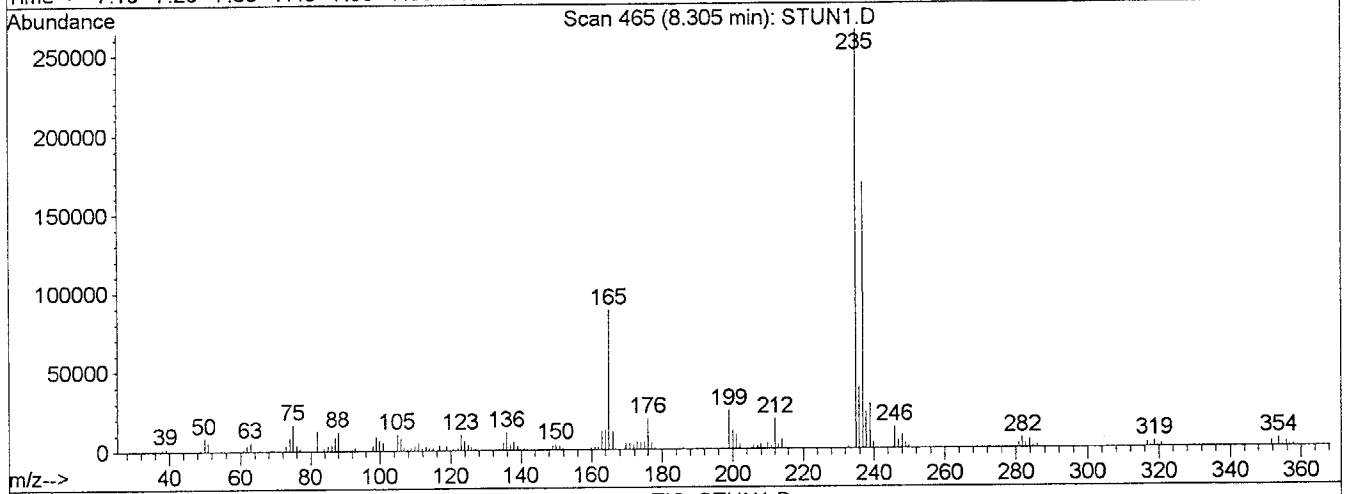
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE19NOV07P

Vial: 1
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Wed Apr 18 11:56:48 2007
Response via : Multiple Level Calibration





TIC: STUN1.D

(4) DDT

8.30min 28.36ug/ml

response 291582

Ion	Exp%	Act%
234.95	100	100
165.10	0.30	34.02#
0.00	0.00	0.00
0.00	0.00	0.00

STUN1.D DFTPP.M Mon Nov 19 13:24:32 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:46 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	327124	40.00	ppm		-0.03
20) Naphthalene-d8 (IS)	11.24	136	1222236	40.00	ppm		-0.03
36) Acenaphthene-d10 (IS)	15.39	164	597069	40.00	ppm		-0.03
59) Phenanthrene-d10 (IS)	18.80	188	786504	40.00	ppm		-0.02
71) Chrysene-d12 (IS)	23.27	240	671182	40.00	ppm		-0.03
82) Perylene-d12 (IS)	26.75	264	420413	40.00	ppm		-0.03
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.85	112	681362	51.59	ppm		-0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.59%				
7) Phenol-d6 (SU)	7.78	99	773789	54.22	ppm		-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 54.22%				
21) Nitrobenzene-d5 (SU)	9.67	82	533007	49.19	ppm		-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.38%				
40) 2-Fluorobiphenyl (SU)	13.87	172	1044226	49.62	ppm		-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 99.24%				
62) 2,4,6-Tribromophenol (SU)	17.30	330	196646	49.12	ppm		-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 49.12%				
74) Terphenyl-d14 (SU)	21.59	244	870088	46.88	ppm		-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 93.76%				
Target Compounds							Qvalue
3) Pyridine	3.65	79	771333	54.08	ppm		99
4) n-Nitrosodimethylamine	3.65	74	474144	54.22	ppm		95
5) bis(2-Chloroethyl)ether	7.95	93	691713	54.34	ppm		89
6) Aniline	7.77	93	999009	55.87	ppm		95
8) Phenol	7.81	94	894005	54.80	ppm		97
9) 2-Chlorophenol	7.98	128	600937	51.63	ppm		99
10) n-Decane	8.13	57	557965	52.91	ppm		99
11) 1,3-Dichlorobenzene	8.28	146	667867	50.82	ppm		99
12) 1,4-Dichlorobenzene	8.40	146	678526	52.31	ppm		99
13) 1,2-Dichlorobenzene	8.80	146	628054	53.66	ppm		100
14) Benzyl alcohol	8.77	108	389914	56.64	ppm		98
15) bis(2-chloroisopropyl)ethe	9.13	45	574154	55.16	ppm	#	78
16) 2-Methylphenol	9.09	107	466687	54.97	ppm		98
17) Hexachloroethane	9.46	117	233721	52.24	ppm		99
18) N-Nitroso-di-n-propylamine	9.45	70	356072	52.60	ppm		99
19) 4-Methylphenol	9.43	107	657283	56.21	ppm		99
22) Nitrobenzene	9.71	77	532481	50.05	ppm		99
23) Isophorone	10.27	82	974962	50.72	ppm		100
24) 2-Nitrophenol	10.43	139	317997	51.52	ppm		97
25) 2,4-Dimethylphenol	10.63	122	511236	52.60	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:46 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.84	93	721017	51.77	ppm		100
27) 2,4-Dichlorophenol	10.99	162	442817	51.37	ppm		99
28) 1,2,4-Trichlorobenzene	11.15	180	436364	48.58	ppm		100
29) Benzoic Acid	11.00	122	302593	53.59	ppm		96
30) Naphthalene	11.28	128	1510103	51.44	ppm		100
31) 4-Chloroaniline	11.52	127	672314	53.30	ppm		100
32) Hexachlorobutadiene	11.75	225	235285	47.09	ppm		98
33) 4-Chloro-3-methylphenol	12.73	107	437314	53.78	ppm		98
34) 2-Methylnaphthalene	12.91	141	813193	53.24	ppm		98
35) 2,3-Dichloroaniline	13.68	161	491530	51.29	ppm		99
37) Hexachlorocyclopentadiene	13.46	237	195895	46.81	ppm		99
38) 2,4,6-Trichlorophenol	13.68	196	280537	53.18	ppm		99
39) 2,4,5-Trichlorophenol	13.76	196	315264	51.44	ppm		99
41) 2-Chloronaphthalene	14.03	162	904627	50.30	ppm		100
42) 2-Nitroaniline	14.42	65	228243	50.80	ppm		99
43) 1,3-Dinitrobenzene	14.98	168	153542	40.95	ppm	#	32
44) Acenaphthylene	15.02	152	1260373	49.84	ppm		100
45) Dimethylphthalate	15.00	163	942082	50.89	ppm		100
46) 2,6-Dinitrotoluene	15.12	165	241891	49.97	ppm		95
47) Acenaphthene	15.47	154	795064	50.27	ppm		98
48) 3-Nitroaniline	15.43	138	275217	53.05	ppm		98
49) 2,4-Dinitrophenol	15.66	184	99591	43.78	ppm		95
50) Dibenzofuran	15.85	168	1187951	49.86	ppm		72
51) 2,4-Dinitrotoluene	16.03	165	310183	49.26	ppm		98
52) 4-Nitrophenol	15.93	109	77461m	44.97	ppm		
53) Fluorene	16.66	166	924867	50.25	ppm		99
54) 4-Chlorophenyl-phenylether	16.74	204	417695	49.71	ppm		97
55) Diethylphthalate	16.70	149	920996	49.83	ppm		99
56) Azobenzene	17.09	77	1032221	52.12	ppm		99
57) 4-Nitroaniline	16.89	138	265355	50.35	ppm		97
58) n-Octadecane	18.79	57	432883	55.05	ppm		95
60) 4,6-Dinitro-2-methylphenol	16.97	198	140359	49.86	ppm		99
61) n-Nitrosodiphenylamine	17.05	169	680419	49.36	ppm		99
63) 4-Bromophenyl-phenylether	17.87	248	302012	46.75	ppm		99
64) Hexachlorobenzene	18.15	284	389826	46.21	ppm		99
65) Pentachlorophenol	18.58	266	240567	48.87	ppm		99
66) Phenanthrene	18.84	178	1251839	49.37	ppm		100
67) Anthracene	18.94	178	1239446	48.71	ppm		99
68) Carbazole	19.30	167	1081200	49.90	ppm		99
69) Di-n-butylphthalate	20.15	149	1549685	51.42	ppm		100
70) Fluoranthene	20.95	202	1140339	51.19	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 1:28 pm
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:46 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.29	202	1170920	48.23 ppm	98
73) 2,2'-Dichlorobenzil	21.46	139	878798	50.02 ppm	98
75) Benzidine	21.21	184	324229	46.45 ppm	98
76) Butylbenzylphthalate	22.41	149	579537	52.09 ppm	100
77) 3,3'-Dichlorobenzidine	23.24	252	357180	52.61 ppm	98
78) Benzo[a]anthracene	23.24	228	875159	50.74 ppm	99
79) Chrysene	23.32	228	836930	49.56 ppm	100
80) bis(2-Ethylhexyl)phthalate	23.52	149	737754	54.57 ppm	99
81) Di-n-octylphthalate	25.00	149	925655	56.11 ppm	99
83) Benzo[b]fluoranthene	25.86	252	849712	58.43 ppm	97
84) Benzo[k]fluoranthene	25.93	252	849885	61.24 ppm	99
85) Benzo[a]pyrene	26.63	252	731965	60.19 ppm	99
86) Indeno[1,2,3-cd]pyrene	29.36	276	668054	57.58 ppm	96
87) Dibenz[a,h]anthracene	29.45	278	688218	58.05 ppm	98
88) Benzo[g,h,i]perylene	30.09	276	695625	57.04 ppm	98

(#) = qualifier out of range (m) = manual integration

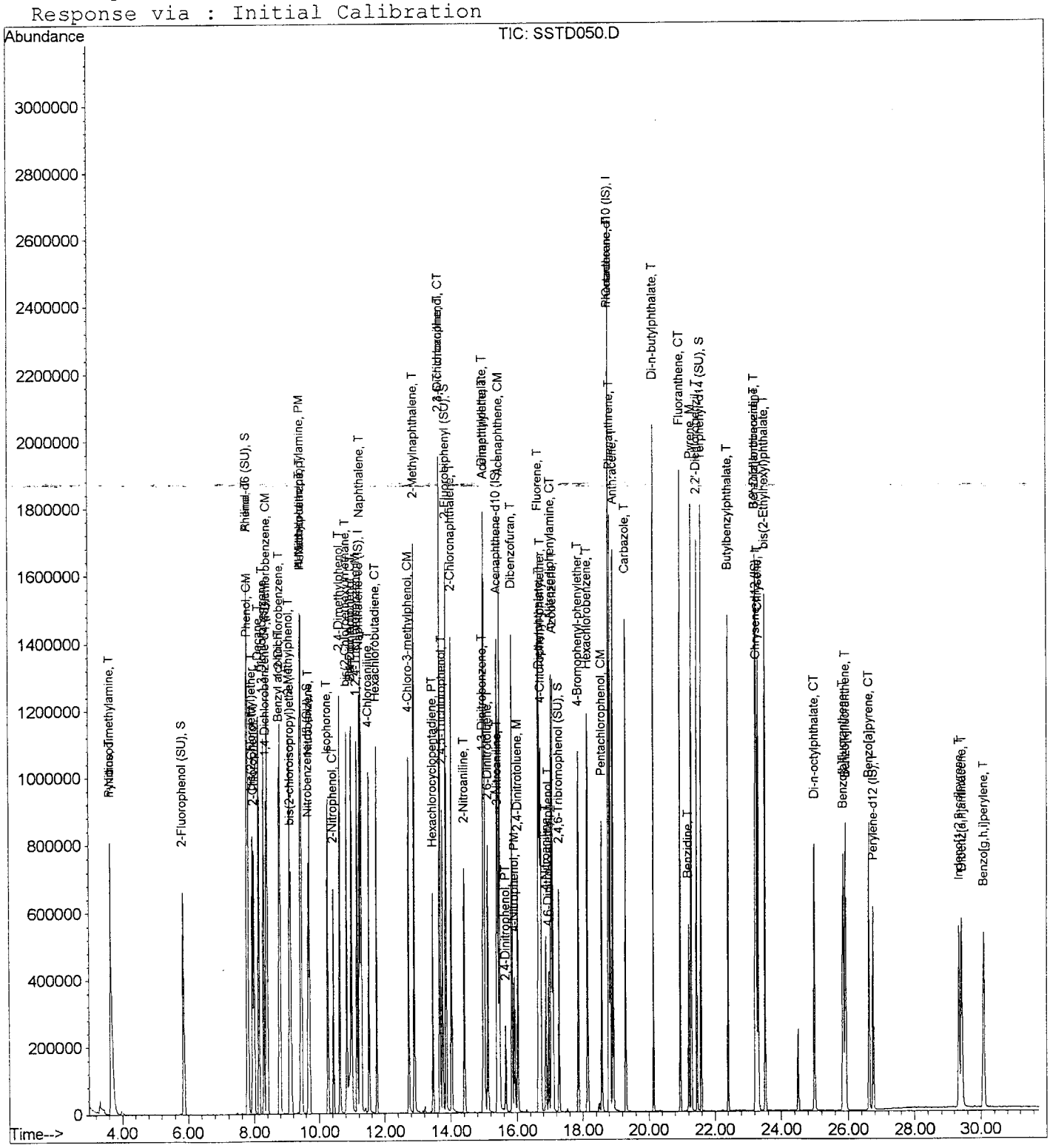
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 1:28 pm
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:46 19107

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 1:28 pm
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	59	-0.03
2	S	2-Fluorophenol (SU)	1.615	1.666	-3.2	62	-0.03
3	T	Pyridine	1.744	1.886	-8.1	63	-0.05
4	T	n-Nitrosodimethylamine	1.069	1.160	-8.5	64	-0.06
5	T	bis(2-Chloroethyl)ether	1.556	1.692	-8.7	60	-0.03
6	T	Aniline	2.186	2.443	-11.8	65	-0.03
7	S	Phenol-d6 (SU)	1.745	1.892	-8.4	62	-0.02
8	CM	Phenol	1.995	2.186	-9.6	65	-0.02
9	M	2-Chlorophenol	1.423	1.470	-3.3	59	-0.03
10	T	n-Decane	1.290	1.365	-5.8	66	-0.03
11	T	1,3-Dichlorobenzene	1.607	1.633	-1.6	60	-0.03
12	CM	1,4-Dichlorobenzene	1.586	1.659	-4.6	62	-0.03
13	T	1,2-Dichlorobenzene	1.431	1.536	-7.3	60	-0.03
14	T	Benzyl alcohol	0.842	0.954	-13.3	59	-0.02
15	T	bis(2-chloroisopropyl)ether	1.273	1.404	-10.3	59	-0.03
16	T	2-Methylphenol	1.038	1.141	-9.9	61	-0.02
17	T	Hexachloroethane	0.547	0.572	-4.6	61	-0.03
18	PM	N-Nitroso-di-n-propylamine	0.828	0.871	-5.2	59	-0.04
19	T	4-Methylphenol	1.430	1.607	-12.4	59	-0.02
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	59	-0.03
21	S	Nitrobenzene-d5 (SU)	0.355	0.349	1.7	57	-0.03
22	T	Nitrobenzene	0.348	0.349	-0.3	57	-0.03
23	T	Isophorone	0.629	0.638	-1.4	57	-0.03
24	CT	2-Nitrophenol	0.202	0.208	-3.0	57	-0.03
25	T	2,4-Dimethylphenol	0.318	0.335	-5.3	59	0.00
26	T	bis(2-Chloroethoxy)methane	0.456	0.472	-3.5	59	-0.03
27	CT	2,4-Dichlorophenol	0.282	0.290	-2.8	58	-0.02
28	M	1,2,4-Trichlorobenzene	0.294	0.286	2.7	59	-0.03
29	T	Benzoic Acid	0.149	0.198	-32.9#	65	-0.02
30	T	Naphthalene	0.961	0.988	-2.8	61	-0.03
31	T	4-Chloroaniline	0.413	0.440	-6.5	59	-0.02
32	CT	Hexachlorobutadiene	0.164	0.154	6.1	58	-0.03
33	CM	4-Chloro-3-methylphenol	0.266	0.286	-7.5	58	0.00
34	T	2-Methylnaphthalene	0.500	0.532	-6.4	60	-0.03
35	T	2,3-Dichloroaniline	0.314	0.322	-2.5	61	-0.02
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	61	-0.03
37	PT	Hexachlorocyclopentadiene	0.262	0.262	0.0	57	-0.03
38	CT	2,4,6-Trichlorophenol	0.353	0.376	-6.5	60	-0.03
39	T	2,4,5-Trichlorophenol	0.411	0.422	-2.7	58	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.410	1.399	0.8	59	-0.03
41	T	2-Chloronaphthalene	1.205	1.212	-0.6	59	-0.03
42	T	2-Nitroaniline	0.301	0.306	-1.7	58	-0.03
43	T	1,3-Dinitrobenzene	0.203	0.206	-1.5	55	-0.03
44	T	Acenaphthylene	1.694	1.689	0.3	62	-0.03
45	T	Dimethylphthalate	1.240	1.262	-1.8	61	-0.03
46	T	2,6-Dinitrotoluene	0.324	0.324	0.0	58	-0.03
47	CM	Acenaphthene	1.060	1.065	-0.5	60	-0.03
48	T	3-Nitroaniline	0.348	0.369	-6.0	60	-0.02
49	PT	2,4-Dinitrophenol	0.125	0.133	-6.4	58	-0.02
50	T	Dibenzofuran	1.596	1.592	0.3	60	-0.03
51	M	2,4-Dinitrotoluene	0.422	0.416	1.4	58	-0.03
52	PM	4-Nitrophenol	0.102	0.104	-2.0	57	0.02
53	T	Fluorene	1.233	1.239	-0.5	60	-0.03
54	T	4-Chlorophenyl-phenylether	0.563	0.560	0.5	59	-0.03
55	T	Diethylphthalate	1.238	1.234	0.3	59	-0.03
56	T	Azobenzene	1.327	1.383	-4.2	60	-0.03
57	T	4-Nitroaniline	0.353	0.356	-0.8	61	-0.02
58	T	n-Octadecane	0.527	0.580	-10.1	69	-0.02
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	65	-0.02
60	T	4,6-Dinitro-2-methylphenol	0.143	0.143	0.0	58	-0.03
61	CT	n-Nitrosodiphenylamine	0.701	0.692	1.3	59	-0.03
62	S	2,4,6-Tribromophenol (SU)	0.204	0.200	2.0	57	-0.02
63	T	4-Bromophenyl-phenylether	0.329	0.307	6.7	59	-0.03
64	T	Hexachlorobenzene	0.429	0.397	7.5	59	-0.03
65	CM	Pentachlorophenol	0.250	0.245	2.0	62	-0.02
66	T	Phenanthrene	1.290	1.273	1.3	63	-0.02
67	T	Anthracene	1.294	1.261	2.6	62	-0.02
68	T	Carbazole	1.102	1.100	0.2	64	-0.02
69	T	Di-n-butylphthalate	1.533	1.576	-2.8	64	-0.02
70	CT	Fluoranthene	1.133	1.160	-2.4	66	-0.03
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	74	-0.03
72	M	Pyrene	1.447	1.396	3.5	69	-0.02
73	T	2,2'-Dichlorobenzil	1.047	1.047	0.0	69	-0.02
74	S	Terphenyl-d14 (SU)	1.106	1.037	6.2	67	-0.03
75	T	Benzidine	0.416	0.386	7.2	59	-0.02
76	T	Butylbenzylphthalate	0.663	0.691	-4.2	71	-0.02
77	T	3,3'-Dichlorobenzidine	0.405	0.426	-5.2	72	-0.03
78	T	Benzo[a]anthracene	1.028	1.043	-1.5	75	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

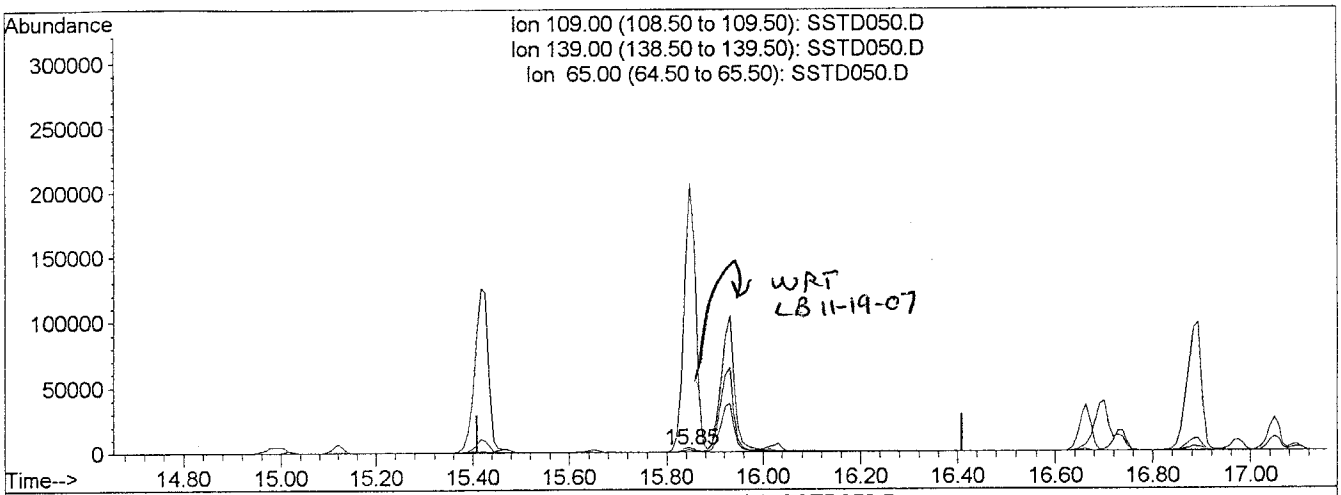
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.006	0.998	0.8	75	-0.03
80	T	bis(2-Ethylhexyl)phthalate	0.806	0.879	-9.1	75	-0.03
81	CT	Di-n-octylphthalate	0.983	1.103	-12.2#	80	-0.03
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	82	-0.03
83	T	Benzo[b]fluoranthene	1.384	1.617	-16.8	80	-0.03
84	T	Benzo[k]fluoranthene	1.321	1.617	-22.4	83	-0.03
85	CT	Benzo[a]pyrene	1.157	1.393	-20.4	83	-0.03
86	T	Indeno[1,2,3-cd]pyrene	1.104	1.271	-15.1	86	-0.04
87	T	Dibenz[a,h]anthracene	1.128	1.310	-16.1	84	-0.03
88	T	Benzo[g,h,i]perylene	1.160	1.324	-14.1	86	-0.04

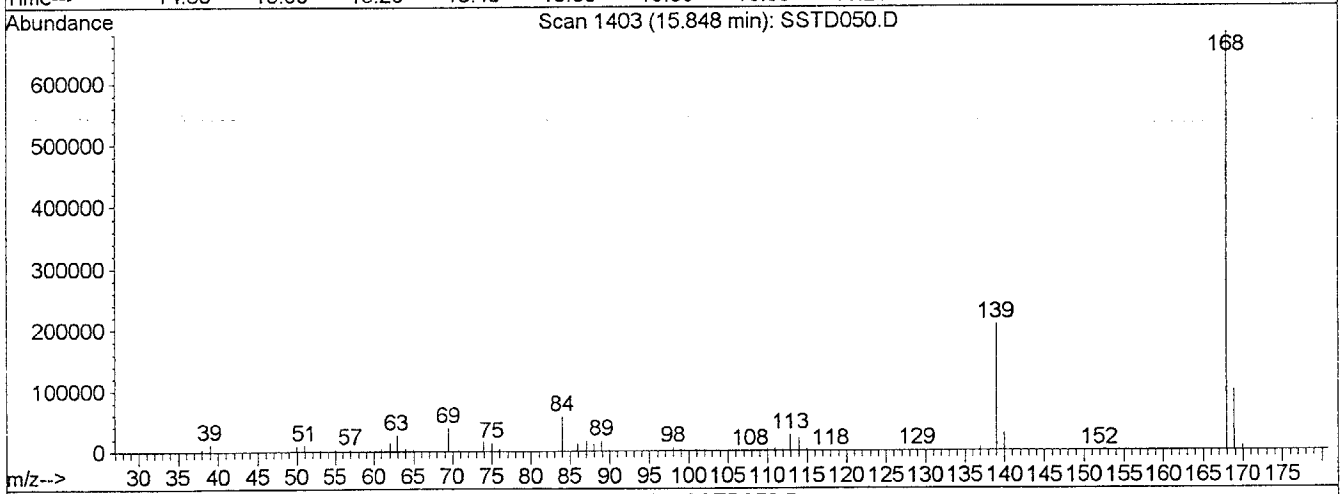
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
QuantTime: Nov 19 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: SSTD050.D

(52) 4-Nitrophenol (PM)

15.85min 5.02ppm

response 2696

Ion	Exp%	Act%
109.00	100	100
139.00	698.70	12987.65#
65.00	162.70	216.69#
0.00	0.00	0.00

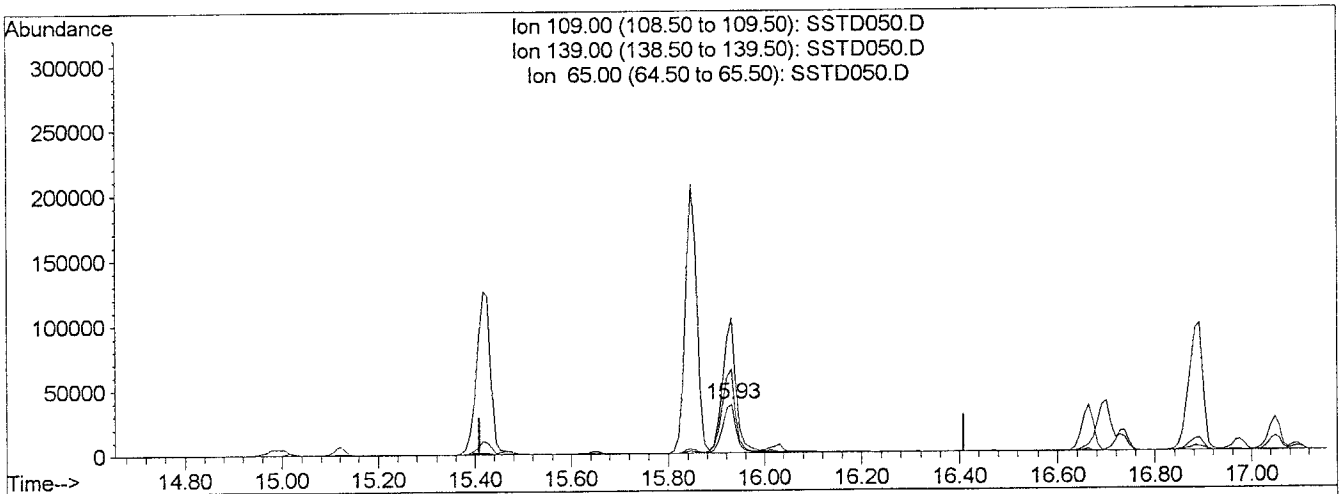
SSTD050.D G7K15SV.M Mon Nov 19 15:46:18 2007

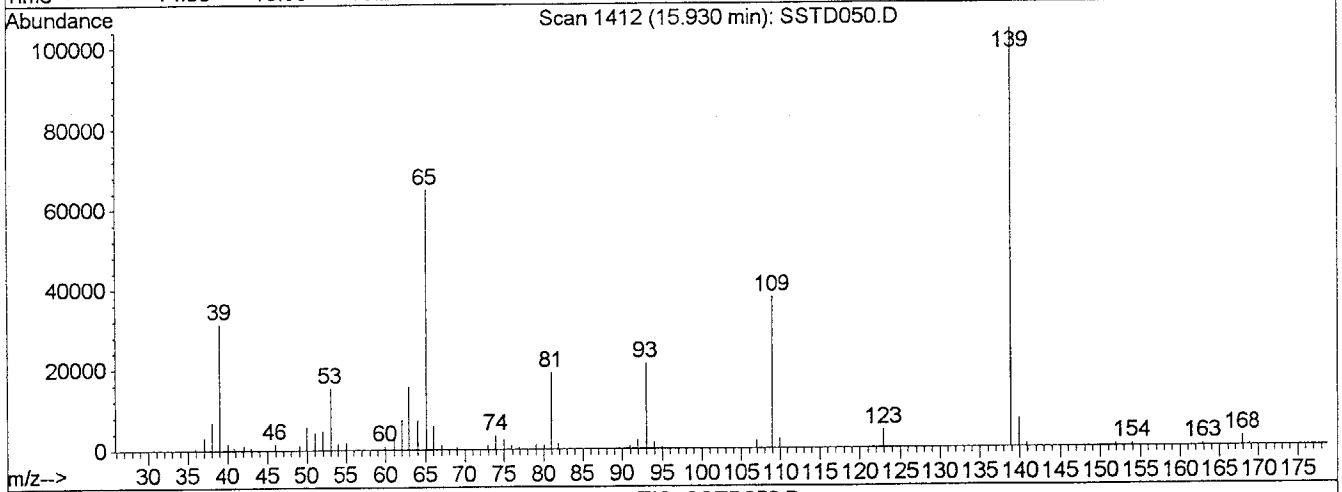
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 1:28 pm
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
QSamIntEgmetiNovPa19am5:4RTE9NT7P

Vial: 2
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: SSTD050.D

(52) 4-Nitrophenol (PM)

15.93min 44.97ppm m

response 77461

Ion	Exp%	Act%
109.00	100	100
139.00	698.70	452.03#
65.00	162.70	7.54#
0.00	0.00	0.00

SSTD050.D G7K15SV.M Mon Nov 19 15:46:22 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	327124	40.00	ppm	-0.03
20) Naphthalene-d8 (IS)	11.24	136	1222236	40.00	ppm	-0.03
36) Acenaphthene-d10 (IS)	15.39	164	597069	40.00	ppm	-0.03
59) Phenanthrene-d10 (IS)	18.80	188	786504	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	23.27	240	671182	40.00	ppm	-0.03
82) Perylene-d12 (IS)	26.75	264	420413	40.00	ppm	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.85	112	681362	51.59	ppm	-0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.59%			
7) Phenol-d6 (SU)	7.78	99	773789	54.22	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 54.22%			
21) Nitrobenzene-d5 (SU)	9.67	82	533007	49.19	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.38%			
40) 2-Fluorobiphenyl (SU)	13.87	172	1044226	49.62	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 99.24%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	196646	49.12	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 49.12%			
74) Terphenyl-d14 (SU)	21.59	244	870088	46.88	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 93.76%			

Target Compounds						Qvalue
3) Pyridine	3.65	79	771333	54.08	ppm	99
4) n-Nitrosodimethylamine	3.65	74	474144	54.22	ppm	95
5) bis(2-Chloroethyl)ether	7.95	93	691713	54.34	ppm	89
6) Aniline	7.77	93	999009	55.87	ppm	95
8) Phenol	7.81	94	894005	54.80	ppm	97
9) 2-Chlorophenol	7.98	128	600937	51.63	ppm	99
10) n-Decane	8.13	57	557965	52.91	ppm	99
11) 1,3-Dichlorobenzene	8.28	146	667867	50.82	ppm	99
12) 1,4-Dichlorobenzene	8.40	146	678526	52.31	ppm	99
13) 1,2-Dichlorobenzene	8.80	146	628054	53.66	ppm	100
14) Benzyl alcohol	8.77	108	389914	56.64	ppm	98
15) bis(2-chloroisopropyl)ethe	9.13	45	574154	55.16	ppm #	78
16) 2-Methylphenol	9.09	107	466687	54.97	ppm	98
17) Hexachloroethane	9.46	117	233721	52.24	ppm	99
18) N-Nitroso-di-n-propylamine	9.45	70	356072	52.60	ppm	99
19) 4-Methylphenol	9.43	107	657283	56.21	ppm	99
22) Nitrobenzene	9.71	77	532481	50.05	ppm	99
23) Isophorone	10.27	82	974962	50.72	ppm	100
24) 2-Nitrophenol	10.43	139	317997	51.52	ppm	97
25) 2,4-Dimethylphenol	10.63	122	511236	52.60	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.84	93	721017	51.77	ppm		100
27) 2,4-Dichlorophenol	10.99	162	442817	51.37	ppm		99
28) 1,2,4-Trichlorobenzene	11.15	180	436364	48.58	ppm		100
29) Benzoic Acid	11.00	122	302593	53.59	ppm		96
30) Naphthalene	11.28	128	1510103	51.44	ppm		100
31) 4-Chloroaniline	11.52	127	672314	53.30	ppm		100
32) Hexachlorobutadiene	11.75	225	235285	47.09	ppm		98
33) 4-Chloro-3-methylphenol	12.73	107	437314	53.78	ppm		98
34) 2-Methylnaphthalene	12.91	141	813193	53.24	ppm		98
35) 2,3-Dichloroaniline	13.68	161	491530	51.29	ppm		99
37) Hexachlorocyclopentadiene	13.46	237	195895	46.81	ppm		99
38) 2,4,6-Trichlorophenol	13.68	196	280537	53.18	ppm		99
39) 2,4,5-Trichlorophenol	13.76	196	315264	51.44	ppm		99
41) 2-Chloronaphthalene	14.03	162	904627	50.30	ppm		100
42) 2-Nitroaniline	14.42	65	228243	50.80	ppm		99
43) 1,3-Dinitrobenzene	14.98	168	153542	40.95	ppm	#	32
44) Acenaphthylene	15.02	152	1260373	49.84	ppm		100
45) Dimethylphthalate	15.00	163	942082	50.89	ppm		100
46) 2,6-Dinitrotoluene	15.12	165	241891	49.97	ppm		95
47) Acenaphthene	15.47	154	795064	50.27	ppm		98
48) 3-Nitroaniline	15.43	138	275217	53.05	ppm		98
49) 2,4-Dinitrophenol	15.66	184	99591	43.78	ppm		95
50) Dibenzofuran	15.85	168	1187951	49.86	ppm		72
51) 2,4-Dinitrotoluene	16.03	165	310183	49.26	ppm		98
52) 4-Nitrophenol	15.85	109	2696	5.02	ppm	#	1
53) Fluorene	16.66	166	924867	50.25	ppm		99
54) 4-Chlorophenyl-phenylether	16.74	204	417695	49.71	ppm		97
55) Diethylphthalate	16.70	149	920996	49.83	ppm		99
56) Azobenzene	17.09	77	1032221	52.12	ppm		99
57) 4-Nitroaniline	16.89	138	265355	50.35	ppm		97
58) n-Octadecane	18.79	57	432883	55.05	ppm		95
60) 4,6-Dinitro-2-methylphenol	16.97	198	140359	49.86	ppm		99
61) n-Nitrosodiphenylamine	17.05	169	680419	49.36	ppm		99
63) 4-Bromophenyl-phenylether	17.87	248	302012	46.75	ppm		99
64) Hexachlorobenzene	18.15	284	389826	46.21	ppm		99
65) Pentachlorophenol	18.58	266	240567	48.87	ppm		99
66) Phenanthrene	18.84	178	1251839	49.37	ppm		100
67) Anthracene	18.94	178	1239446	48.71	ppm		99
68) Carbazole	19.30	167	1081200	49.90	ppm		99
69) Di-n-butylphthalate	20.15	149	1549685	51.42	ppm		100
70) Fluoranthene	20.95	202	1140339	51.19	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

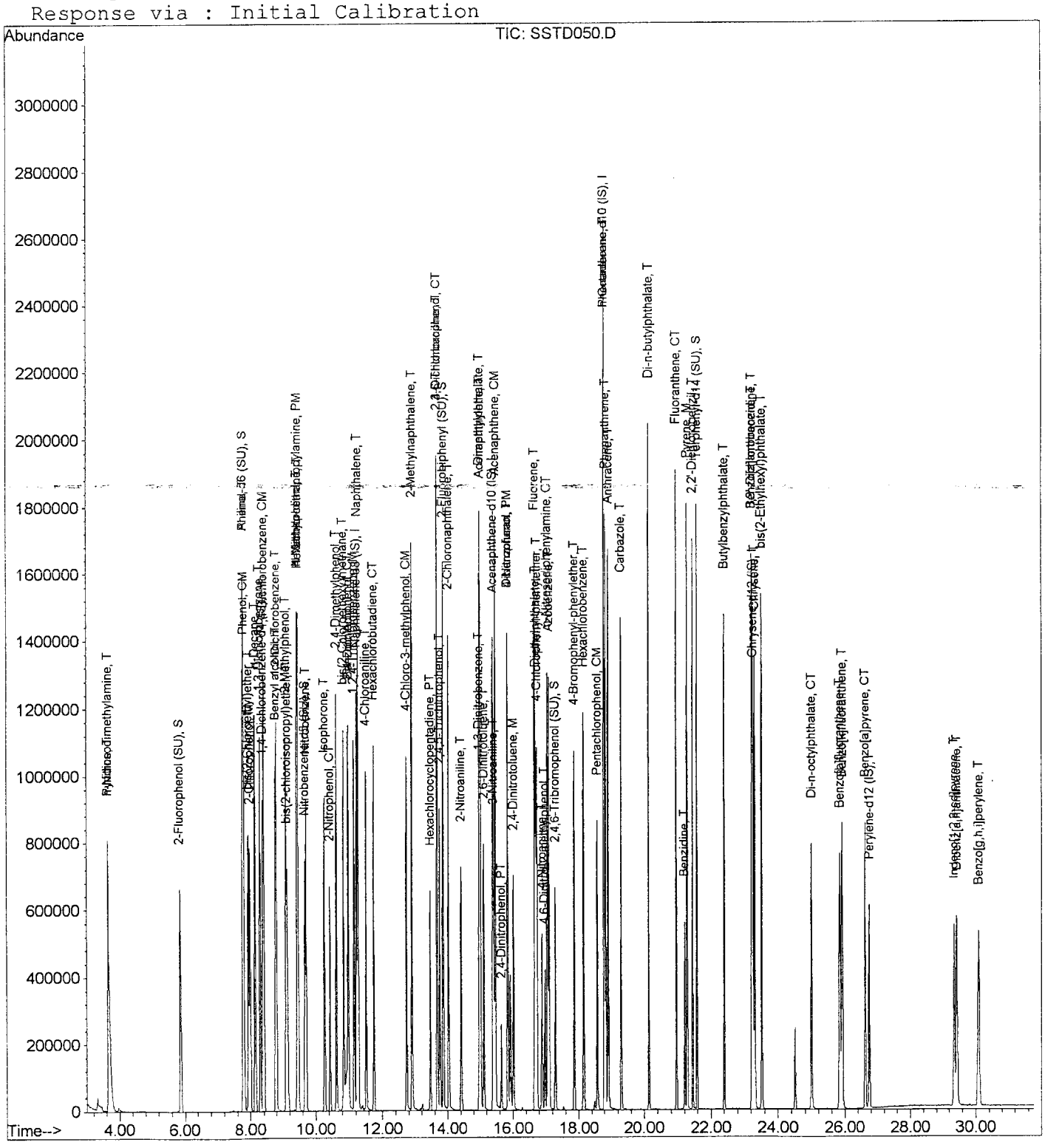
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.29	202	1170920	48.23	ppm	98
73) 2,2'-Dichlorobenzil	21.46	139	878798	50.02	ppm	98
75) Benzidine	21.21	184	324229	46.45	ppm	98
76) Butylbenzylphthalate	22.41	149	579537	52.09	ppm	100
77) 3,3'-Dichlorobenzidine	23.24	252	357180	52.61	ppm	98
78) Benzo[a]anthracene	23.24	228	875159	50.74	ppm	99
79) Chrysene	23.32	228	836930	49.56	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.52	149	737754	54.57	ppm	99
81) Di-n-octylphthalate	25.00	149	925655	56.11	ppm	99
83) Benzo[b]fluoranthene	25.86	252	849712	58.43	ppm	97
84) Benzo[k]fluoranthene	25.93	252	849885	61.24	ppm	99
85) Benzo[a]pyrene	26.63	252	731965	60.19	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.36	276	668054	57.58	ppm	96
87) Dibenz[a,h]anthracene	29.45	278	688218	58.05	ppm	98
88) Benzo[g,h,i]perylene	30.09	276	695625	57.04	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119003.D Vial: 8
Acq On : 19 Nov 2007 5:17 pm Operator: DF/AI
Sample : 7K15059-BLK1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 17:49 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	265165	40.00	ppm	-0.04
20) Naphthalene-d8 (IS)	11.22	136	990775	40.00	ppm	-0.04
36) Acenaphthene-d10 (IS)	15.39	164	464451	40.00	ppm	-0.03
59) Phenanthrene-d10 (IS)	18.79	188	627973	40.00	ppm	-0.03
71) Chrysene-d12 (IS)	23.26	240	518031	40.00	ppm	-0.04
82) Perylene-d12 (IS)	26.75	264	404273	40.00	ppm	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.84	112	761243	71.11	ppm	-0.04
Spiked Amount 100.000	Range 30 - 120		Recovery = 71.11%			
7) Phenol-d6 (SU)	7.77	99	997263	86.20	ppm	-0.03
Spiked Amount 100.000	Range 40 - 120		Recovery = 86.20%			
21) Nitrobenzene-d5 (SU)	9.66	82	321200	36.57	ppm	-0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 73.14%			
40) 2-Fluorobiphenyl (SU)	13.86	172	674964	41.23	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 82.46%			
62) 2,4,6-Tribromophenol (SU)	17.28	330	242896	75.98	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.98%			
74) Terphenyl-d14 (SU)	21.58	244	586982	40.98	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 81.96%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.66	70	37925	~~6.91~~	ppm	# 74
45) Dimethylphthalate	15.39	163	97491	~~6.77~~	ppm	# 1
46) 2,6-Dinitrotoluene	15.39	165	58127	~~15.44~~	ppm	# 36
75) Benzidine	21.58	184	4836	~~0.90~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1119003.D G7K15SV.M Mon Nov 19 17:49:31 2007 Page 1

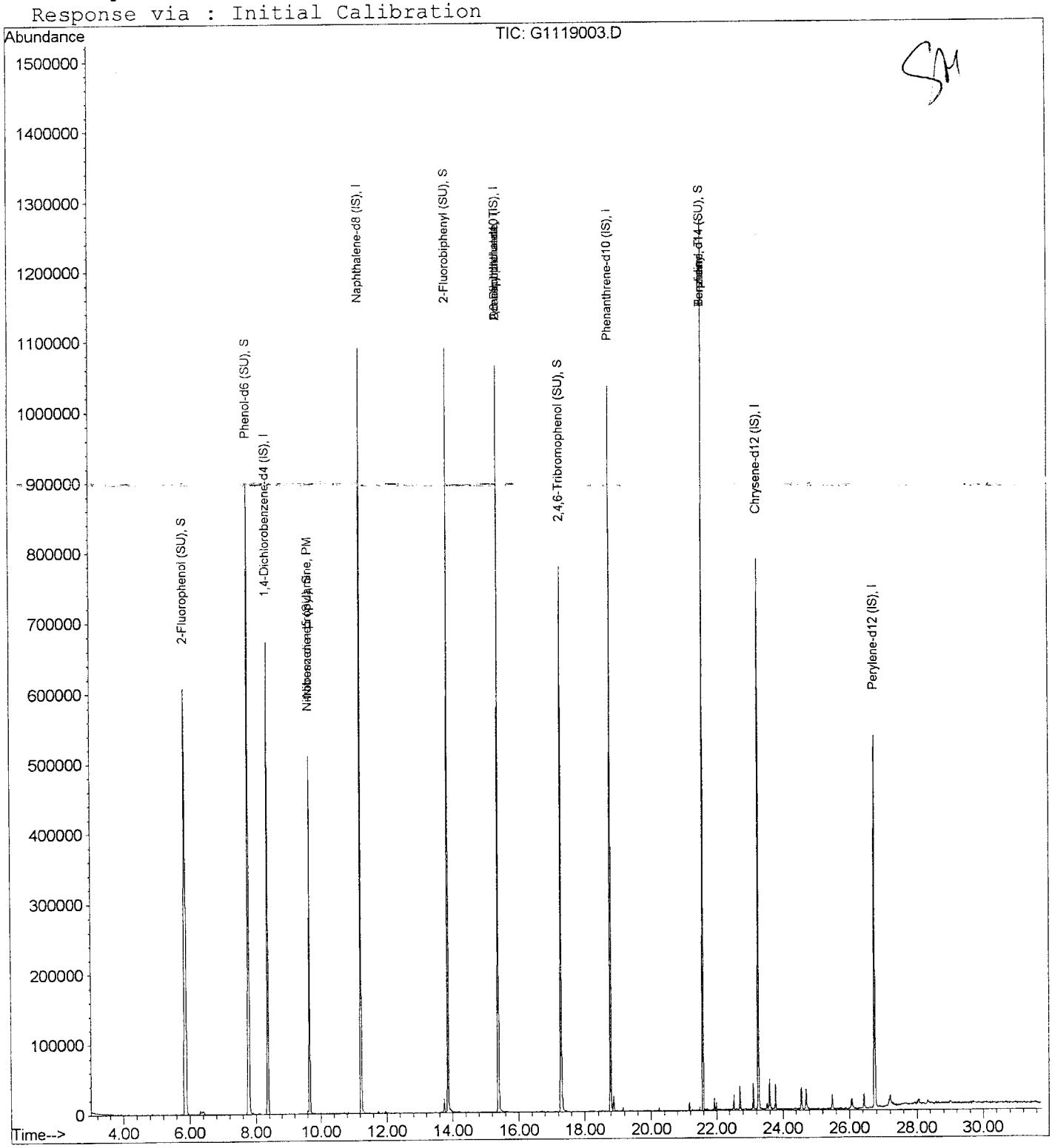
Quantitation Report

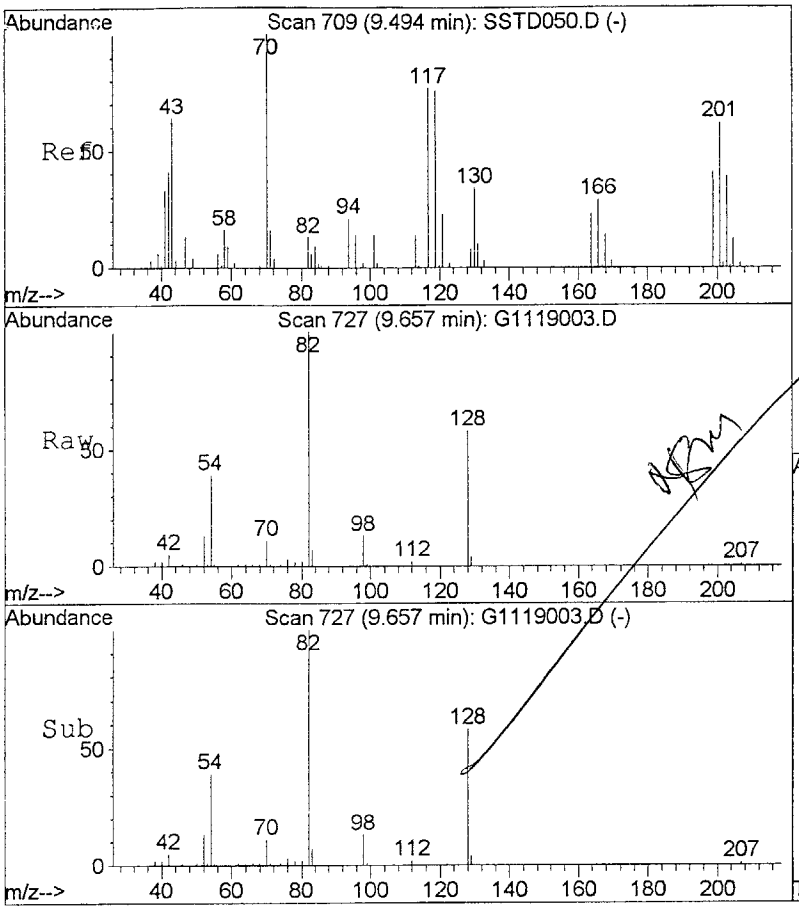
Data File : C:\GCMS62\DATA\07NOV19\G1119003.D
Acq On : 19 Nov 2007 5:17 pm
Sample : 7K15059-BLK1
Misc : WATER 1L/2ml --- Batch 7K15059
MS Integration Params: RTEINT.P
Quant Time: Nov 19 17:49 19107

Vial: 8
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration

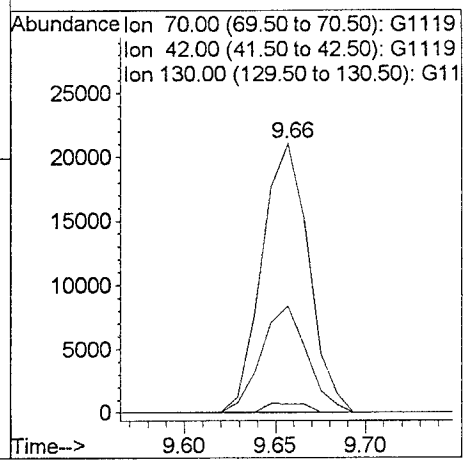


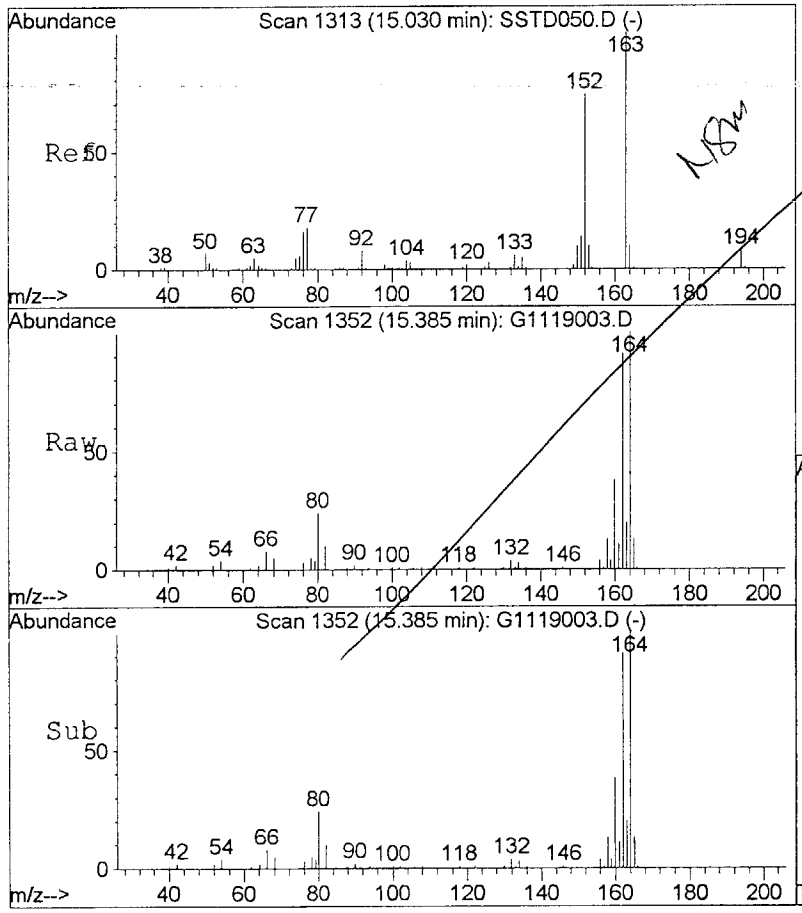


#18
N-Nitroso-di-n-propylamine
Concen: 6.91 ppm
RT: 9.66 min Scan# 727
Delta R.T. 0.16 min
Lab File: G1119003.D
Acq: 19 Nov 2007 5:17 pm

Tgt Ion: 70 Resp: 37925

Ion	Ratio	Lower	Upper
70	100		
42	39.1	22.2	62.2
130	3.0	12.8	52.8#

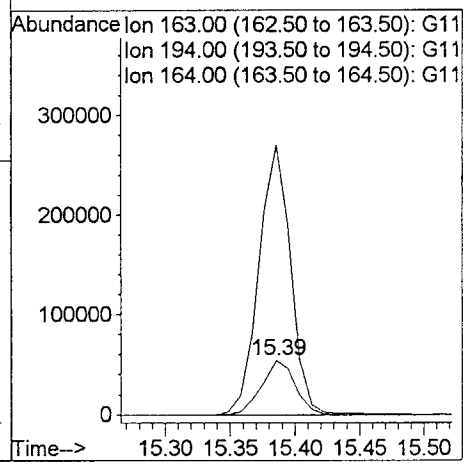


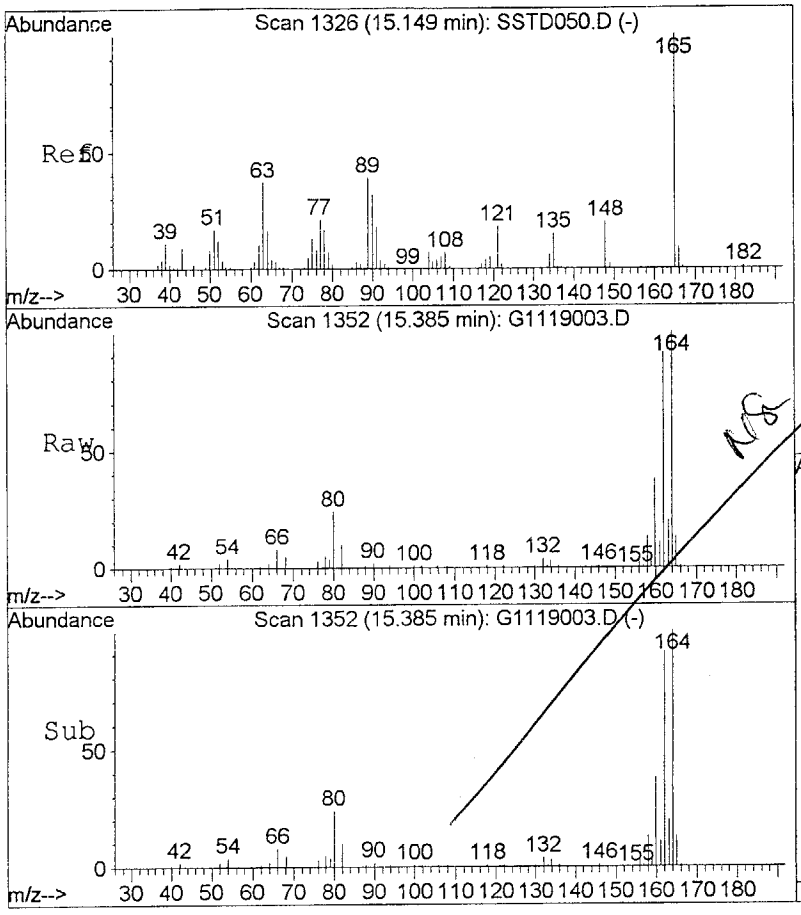


#45
Dimethylphthalate
Concen: 6.77 ppm
RT: 15.39 min Scan# 1352
Delta R.T. 0.36 min
Lab File: G1119003.D
Acq: 19 Nov 2007 5:17 pm

Tgt Ion:163 Resp: 97491

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	475.0	0.0	29.8#

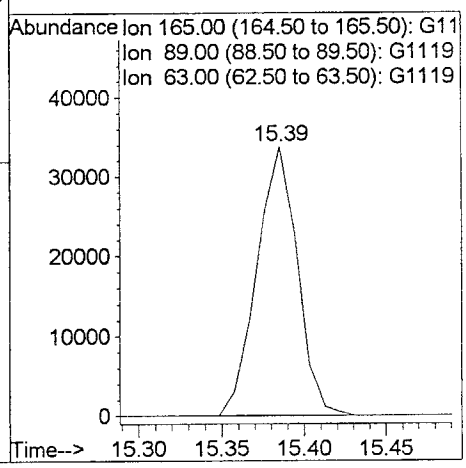


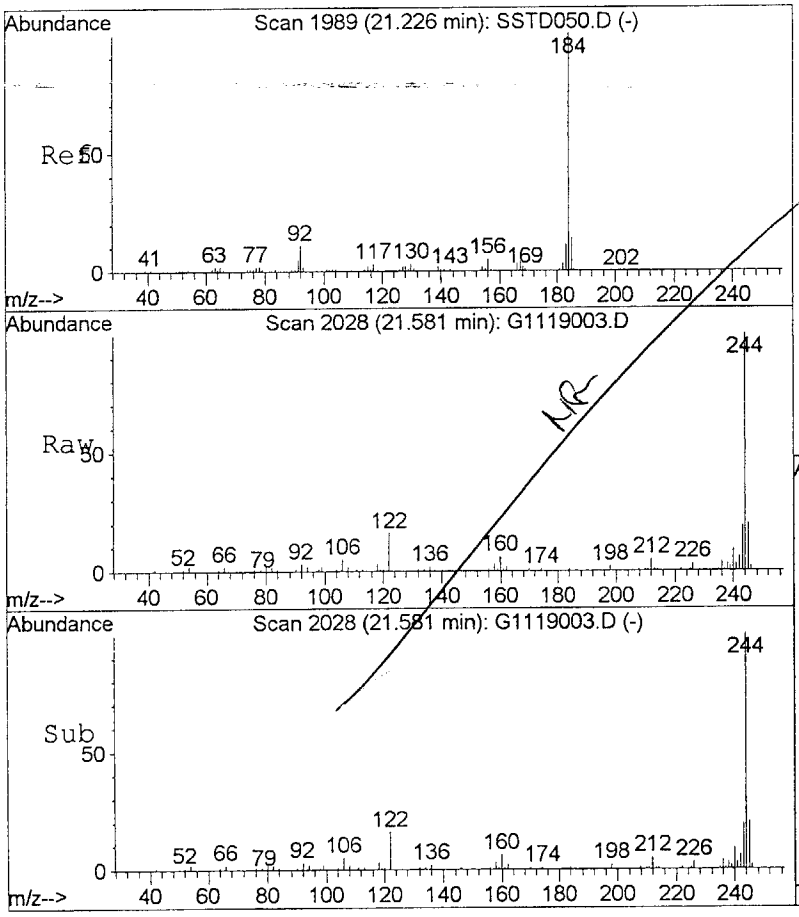


#46
2,6-Dinitrotoluene
Concen: 15.44 ppm
RT: 15.39 min Scan# 1352
Delta R.T. 0.24 min
Lab File: G1119003.D
Acq: 19 Nov 2007 5:17 pm

Tgt Ion:165 Resp: 58127

Ion	Ratio	Lower	Upper
165	100		
89	0.0	18.7	58.7#
63	0.0	20.3	60.3#

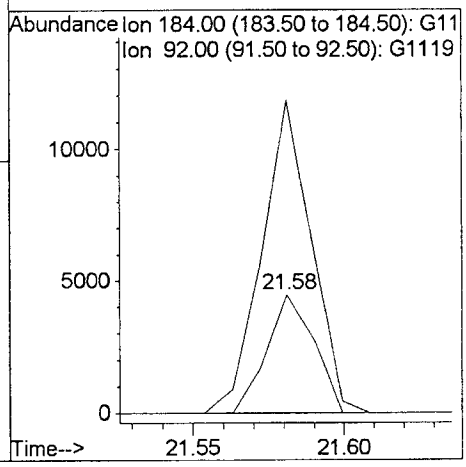




#75
Benzidine
Concen: 0.90 ppm
RT: 21.58 min Scan# 2028
Delta R.T. 0.36 min
Lab File: G1119003.D
Acq: 19 Nov 2007 5:17 pm

Tgt Ion:184 Resp: 4836

Ion	Ratio	Lower	Upper
184	100		
92	280.0	0.0	31.6#



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 8:13 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	289236	40.00	ppm		-0.04
20) Naphthalene-d8 (IS)	11.23	136	1071108	40.00	ppm		-0.04
36) Acenaphthene-d10 (IS)	15.39	164	510053	40.00	ppm		-0.03
59) Phenanthrene-d10 (IS)	18.79	188	662009	40.00	ppm		-0.03
71) Chrysene-d12 (IS)	23.26	240	522727	40.00	ppm		-0.04
82) Perylene-d12 (IS)	26.75	264	409367	40.00	ppm		-0.03
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.85	112	766641	65.65	ppm		-0.04
Spiked Amount 100.000	Range 30 - 120		Recovery = 65.65%				
7) Phenol-d6 (SU)	7.78	99	958434	75.95	ppm		-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 75.95%				
21) Nitrobenzene-d5 (SU)	9.66	82	360226	37.93	ppm		-0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 75.86%				
40) 2-Fluorobiphenyl (SU)	13.87	172	778499	43.30	ppm		-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 86.60%				
62) 2,4,6-Tribromophenol (SU)	17.29	330	306666	91.00	ppm		-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.00%				
74) Terphenyl-d14 (SU)	21.58	244	649745	44.96	ppm		-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 89.92%				
Target Compounds							Qvalue
3) Pyridine	3.65	79	450808	35.75	ppm		100
4) n-Nitrosodimethylamine	3.65	74	336467	43.51	ppm		94
5) bis(2-Chloroethyl)ether	7.94	93	537209	47.73	ppm		89
6) Aniline	7.77	93	739387	46.77	ppm		94
8) Phenol	7.80	94	640120	44.37	ppm		97
9) 2-Chlorophenol	7.98	128	452950	44.01	ppm		100
10) n-Decane	8.13	57	262537	28.16	ppm		98
11) 1,3-Dichlorobenzene	8.28	146	387214	33.32	ppm		98
12) 1,4-Dichlorobenzene	8.40	146	394440	34.39	ppm		99
13) 1,2-Dichlorobenzene	8.80	146	380184	36.74	ppm		99
14) Benzyl alcohol	8.76	108	322937	53.06	ppm		93
15) bis(2-chloroisopropyl)ethe	9.13	45	445983	48.46	ppm	#	79
16) 2-Methylphenol	9.09	107	371058	49.43	ppm		98
17) Hexachloroethane	9.46	117	131124	33.15	ppm		100
18) N-Nitroso-di-n-propylamine	9.45	70	295106	49.30	ppm		97
19) 4-Methylphenol	9.42	107	526089	50.89	ppm		98
22) Nitrobenzene	9.71	77	411154	44.10	ppm		96
23) Isophorone	10.26	82	795813	47.24	ppm		98
24) 2-Nitrophenol	10.43	139	258029	47.70	ppm		95
25) 2,4-Dimethylphenol	10.62	122	364714	42.82	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 8:13 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.84	93	594276	48.69 ppm		98
27)	2,4-Dichlorophenol	10.98	162	364228	48.22 ppm		99
28)	1,2,4-Trichlorobenzene	11.15	180	322326	40.95 ppm		99
29)	Benzoic Acid	10.96	122	224106	46.41 ppm		96
30)	Naphthalene	11.27	128	1140616	44.33 ppm		99
31)	4-Chloroaniline	11.51	127	543302	49.15 ppm		98
32)	Hexachlorobutadiene	11.75	225	161057	36.79 ppm		97
33)	4-Chloro-3-methylphenol	12.73	107	358851	50.36 ppm		97
34)	2-Methylnaphthalene	12.91	141	657034	49.09 ppm		99
35)	2,3-Dichloroaniline	13.67	161	419164	49.91 ppm		98
37)	Hexachlorocyclopentadiene	13.46	237	174244	48.62 ppm		98
38)	2,4,6-Trichlorophenol	13.67	196	242239	53.75 ppm		99
39)	2,4,5-Trichlorophenol	13.76	196	275960	52.71 ppm		99
41)	2-Chloronaphthalene	14.03	162	759929	49.46 ppm		99
42)	2-Nitroaniline	14.42	65	187494	48.85 ppm		97
43)	1,3-Dinitrobenzene	14.97	168	141886	44.42 ppm		95
44)	Acenaphthylene	15.01	152	1203073	55.69 ppm		100
45)	Dimethylphthalate	14.99	163	817641	51.71 ppm		99
46)	2,6-Dinitrotoluene	15.11	165	204478	49.45 ppm		94
47)	Acenaphthene	15.46	154	684804	50.68 ppm		99
48)	3-Nitroaniline	15.42	138	229210	51.72 ppm		99
49)	2,4-Dinitrophenol	15.65	184	74537	39.54 ppm		98
50)	Dibenzofuran	15.85	168	1043166	51.25 ppm	#	70
51)	2,4-Dinitrotoluene	16.02	165	253897	47.20 ppm		97
52)	4-Nitrophenol	15.92	109	59875m	41.03 ppm		
53)	Fluorene	16.65	166	803761	51.12 ppm		100
54)	4-Chlorophenyl-phenylether	16.73	204	371499	51.75 ppm		95
55)	Diethylphthalate	16.69	149	796877	50.47 ppm		99
56)	Azobenzene	17.09	77	870547	51.46 ppm		100
57)	4-Nitroaniline	16.88	138	215911	47.95 ppm		97
58)	n-Octadecane	18.79	57	384440	57.23 ppm		96
60)	4,6-Dinitro-2-methylphenol	16.97	198	114438	48.62 ppm		97
61)	n-Nitrosodiphenylamine	17.05	169	586854	50.58 ppm		100
63)	4-Bromophenyl-phenylether	17.86	248	273996	50.39 ppm		97
64)	Hexachlorobenzene	18.15	284	340557	47.97 ppm		99
65)	Pentachlorophenol	18.57	266	198165	47.83 ppm		99
66)	Phenanthrene	18.84	178	1050072	49.20 ppm		100
67)	Anthracene	18.93	178	1089856	50.88 ppm		99
68)	Carbazole	19.30	167	950941	52.14 ppm		99
69)	Di-n-butylphthalate	20.14	149	1349423	53.19 ppm		100
70)	Fluoranthene	20.95	202	978987	52.21 ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 8:13 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

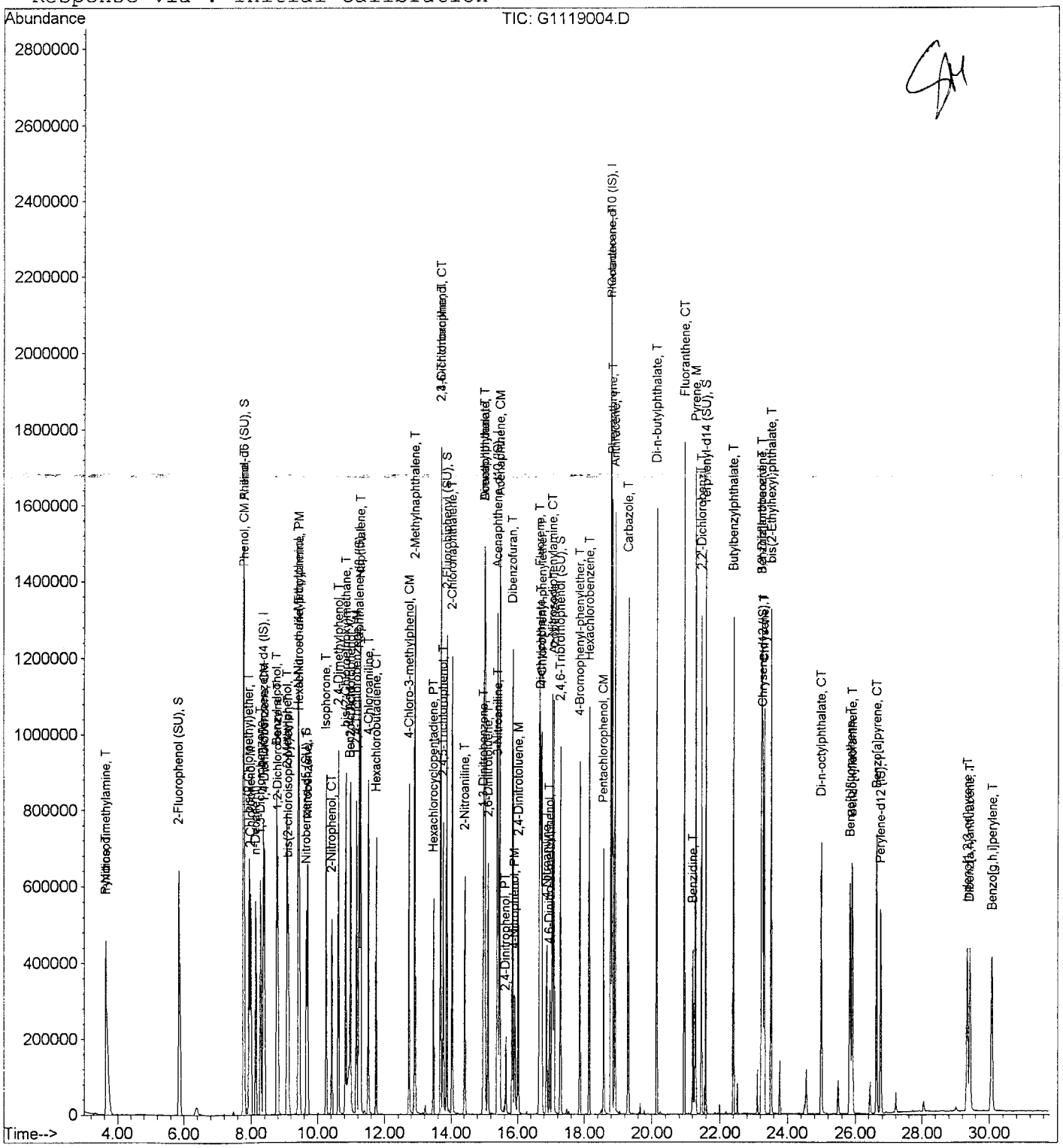
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	21.28	202	983201	52.00	ppm	97
73)	2,2'-Dichlorobenzil	21.46	139	742655	54.27	ppm	97
75)	Benzidine	21.21	184	264615	48.67	ppm	97
76)	Butylbenzylphthalate	22.40	149	494208	57.04	ppm	100
77)	3,3'-Dichlorobenzidine	23.24	252	236837	44.79	ppm	96
78)	Benzo[a]anthracene	23.23	228	733242	54.58	ppm	99
79)	Chrysene	23.32	228	695415	52.88	ppm	100
80)	bis(2-Ethylhexyl)phthalate	23.52	149	651987	61.92	ppm	99
81)	Di-n-octylphthalate	24.99	149	781985	60.86	ppm	99
83)	Benzo[b]fluoranthene	25.85	252	662342	46.77	ppm	98
84)	Benzo[k]fluoranthene	25.91	252	674569	49.92	ppm	99
85)	Benzo[a]pyrene	26.63	252	593011	50.08	ppm	99
86)	Indeno[1,2,3-cd]pyrene	29.35	276	505104	44.71	ppm	95
87)	Dibenz[a,h]anthracene	29.44	278	503906	43.65	ppm	98
88)	Benzo[g,h,i]perylene	30.08	276	530526	44.67	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 8:13 19107 Quant Results File: G7K15SV.RES

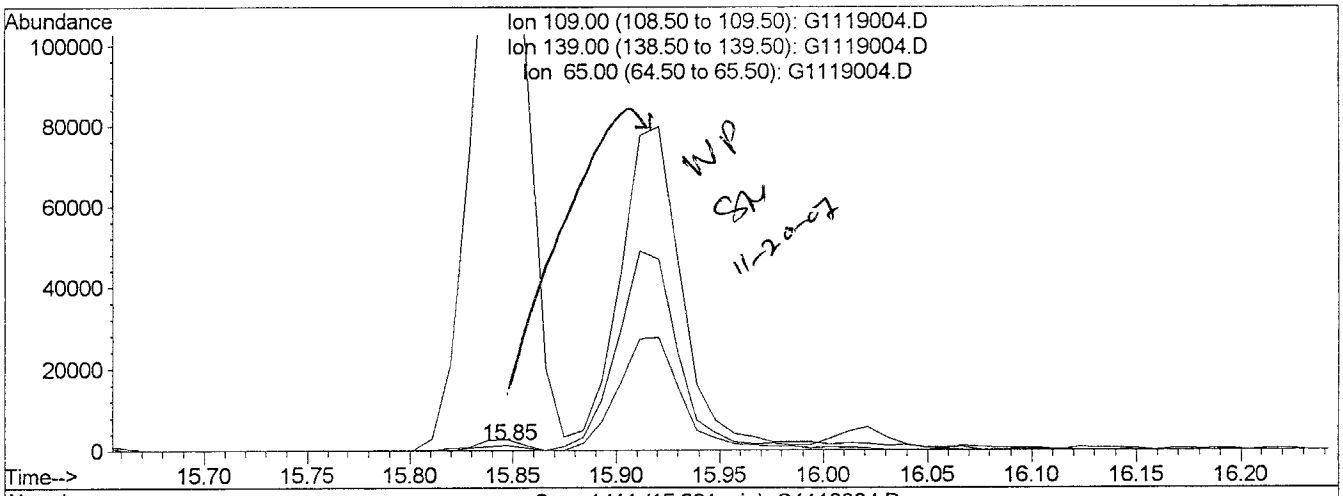
Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration

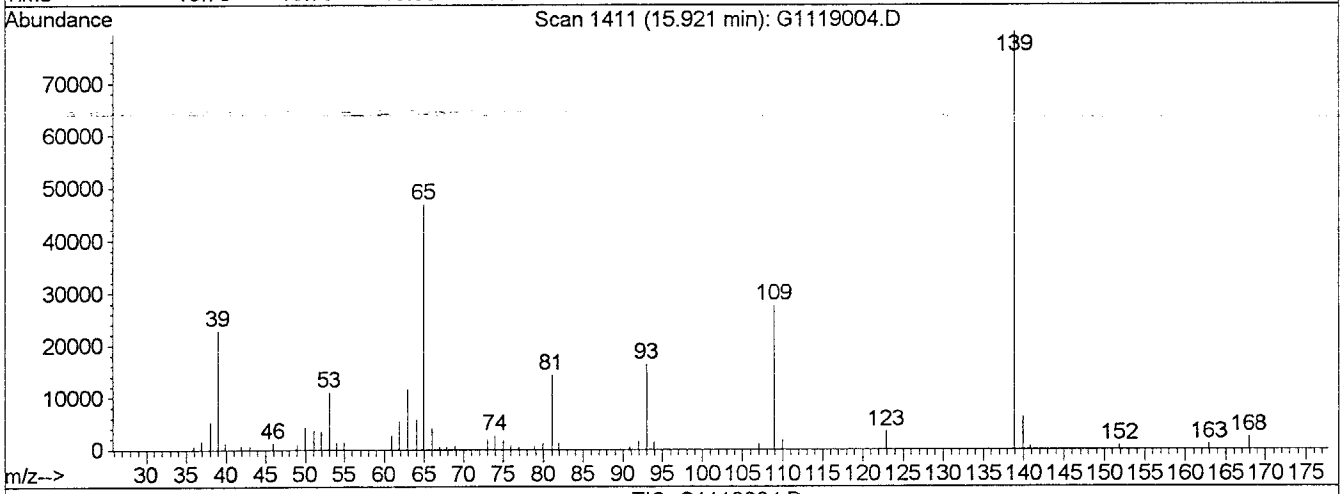


Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTE2ND7P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: G1119004.D

(52) 4-Nitrophenol (PM)

15.85min 4.87ppm

response 2064

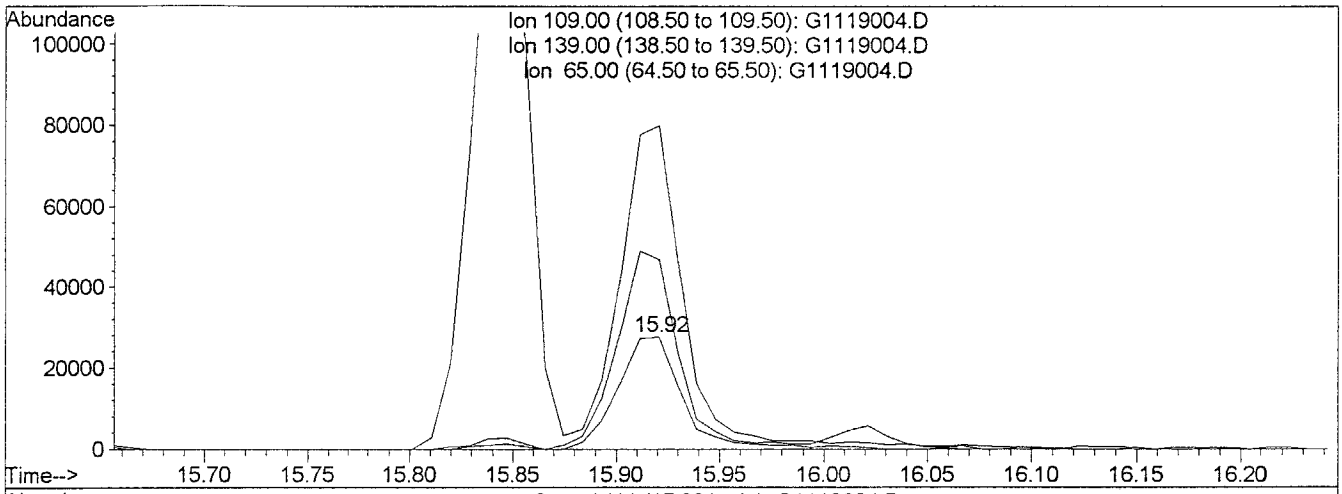
Ion	Exp%	Act%
109.00	100	100
139.00	698.70	14204.02#
65.00	162.70	215.31#
0.00	0.00	0.00

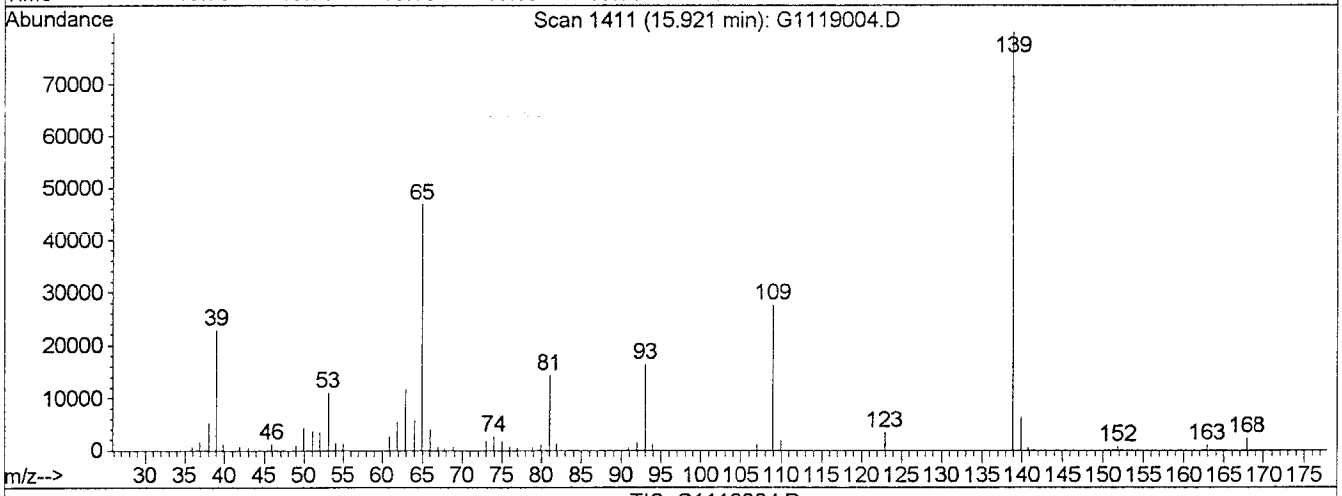
G1119004.D G7K15SV.M Tue Nov 20 08:13:04 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: G1119004.D

(52) 4-Nitrophenol (PM)

15.92min 41.03ppm m

response 59875

Ion	Exp%	Act%
109.00	100	100
139.00	698.70	489.64#
65.00	162.70	7.42#
0.00	0.00	0.00

G1119004.D G7K15SV.M Tue Nov 20 08:13:15 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 18:27 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	289236	40.00	ppm		-0.04
20) Naphthalene-d8 (IS)	11.23	136	1071108	40.00	ppm		-0.04
36) Acenaphthene-d10 (IS)	15.39	164	510053	40.00	ppm		-0.03
59) Phenanthrene-d10 (IS)	18.79	188	662009	40.00	ppm		-0.03
71) Chrysene-d12 (IS)	23.26	240	522727	40.00	ppm		-0.04
82) Perylene-d12 (IS)	26.75	264	409367	40.00	ppm		-0.03
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.85	112	766641	65.65	ppm		-0.04
Spiked Amount 100.000	Range 30 - 120		Recovery = 65.65%				
7) Phenol-d6 (SU)	7.78	99	958434	75.95	ppm		-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 75.95%				
21) Nitrobenzene-d5 (SU)	9.66	82	360226	37.93	ppm		-0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 75.86%				
40) 2-Fluorobiphenyl (SU)	13.87	172	778499	43.30	ppm		-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 86.60%				
62) 2,4,6-Tribromophenol (SU)	17.29	330	306666	91.00	ppm		-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.00%				
74) Terphenyl-d14 (SU)	21.58	244	649745	44.96	ppm		-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 89.92%				
Target Compounds							Qvalue
3) Pyridine	3.65	79	450808	35.75	ppm		100
4) n-Nitrosodimethylamine	3.65	74	336467	43.51	ppm		94
5) bis(2-Chloroethyl)ether	7.94	93	537209	47.73	ppm		89
6) Aniline	7.77	93	739387	46.77	ppm		94
8) Phenol	7.80	94	640120	44.37	ppm		97
9) 2-Chlorophenol	7.98	128	452950	44.01	ppm		100
10) n-Decane	8.13	57	262537	28.16	ppm		98
11) 1,3-Dichlorobenzene	8.28	146	387214	33.32	ppm		98
12) 1,4-Dichlorobenzene	8.40	146	394440	34.39	ppm		99
13) 1,2-Dichlorobenzene	8.80	146	380184	36.74	ppm		99
14) Benzyl alcohol	8.76	108	322937	53.06	ppm		93
15) bis(2-chloroisopropyl)ethe	9.13	45	445983	48.46	ppm	#	79
16) 2-Methylphenol	9.09	107	371058	49.43	ppm		98
17) Hexachloroethane	9.46	117	131124	33.15	ppm		100
18) N-Nitroso-di-n-propylamine	9.45	70	295106	49.30	ppm		97
19) 4-Methylphenol	9.42	107	526089	50.89	ppm		98
22) Nitrobenzene	9.71	77	411154	44.10	ppm		96
23) Isophorone	10.26	82	795813	47.24	ppm		98
24) 2-Nitrophenol	10.43	139	258029	47.70	ppm		95
25) 2,4-Dimethylphenol	10.62	122	364714	42.82	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 18:27 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.84	93	594276	48.69	ppm		98
27)	2,4-Dichlorophenol	10.98	162	364228	48.22	ppm		99
28)	1,2,4-Trichlorobenzene	11.15	180	322326	40.95	ppm		99
29)	Benzoic Acid	10.96	122	224106	46.41	ppm		96
30)	Naphthalene	11.27	128	1140616	44.33	ppm		99
31)	4-Chloroaniline	11.51	127	543302	49.15	ppm		98
32)	Hexachlorobutadiene	11.75	225	161057	36.79	ppm		97
33)	4-Chloro-3-methylphenol	12.73	107	358851	50.36	ppm		97
34)	2-Methylnaphthalene	12.91	141	657034	49.09	ppm		99
35)	2,3-Dichloroaniline	13.67	161	419164	49.91	ppm		98
37)	Hexachlorocyclopentadiene	13.46	237	174244	48.62	ppm		98
38)	2,4,6-Trichlorophenol	13.67	196	242239	53.75	ppm		99
39)	2,4,5-Trichlorophenol	13.76	196	275960	52.71	ppm		99
41)	2-Chloronaphthalene	14.03	162	759929	49.46	ppm		99
42)	2-Nitroaniline	14.42	65	187494	48.85	ppm		97
43)	1,3-Dinitrobenzene	14.97	168	141886	44.42	ppm		95
44)	Acenaphthylene	15.01	152	1203073	55.69	ppm		100
45)	Dimethylphthalate	14.99	163	817641	51.71	ppm		99
46)	2,6-Dinitrotoluene	15.11	165	204478	49.45	ppm		94
47)	Acenaphthene	15.46	154	684804	50.68	ppm		99
48)	3-Nitroaniline	15.42	138	229210	51.72	ppm		99
49)	2,4-Dinitrophenol	15.65	184	74537	39.54	ppm		98
50)	Dibenzofuran	15.85	168	1043166	51.25	ppm	#	70
51)	2,4-Dinitrotoluene	16.02	165	253897	47.20	ppm		97
52)	4-Nitrophenol	15.85	109	2064	4.87	ppm	#	1
53)	Fluorene	16.65	166	803761	51.12	ppm		100
54)	4-Chlorophenyl-phenylether	16.73	204	371499	51.75	ppm		95
55)	Diethylphthalate	16.69	149	796877	50.47	ppm		99
56)	Azobenzene	17.09	77	870547	51.46	ppm		100
57)	4-Nitroaniline	16.88	138	215911	47.95	ppm		97
58)	n-Octadecane	18.79	57	384440	57.23	ppm		96
60)	4,6-Dinitro-2-methylphenol	16.97	198	114438	48.62	ppm		97
61)	n-Nitrosodiphenylamine	17.05	169	586854	50.58	ppm		100
63)	4-Bromophenyl-phenylether	17.86	248	273996	50.39	ppm		97
64)	Hexachlorobenzene	18.15	284	340557	47.97	ppm		99
65)	Pentachlorophenol	18.57	266	198165	47.83	ppm		99
66)	Phenanthrene	18.84	178	1050072	49.20	ppm		100
67)	Anthracene	18.93	178	1089856	50.88	ppm		99
68)	Carbazole	19.30	167	950941	52.14	ppm		99
69)	Di-n-butylphthalate	20.14	149	1349423	53.19	ppm		100
70)	Fluoranthene	20.95	202	978987	52.21	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 18:27 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

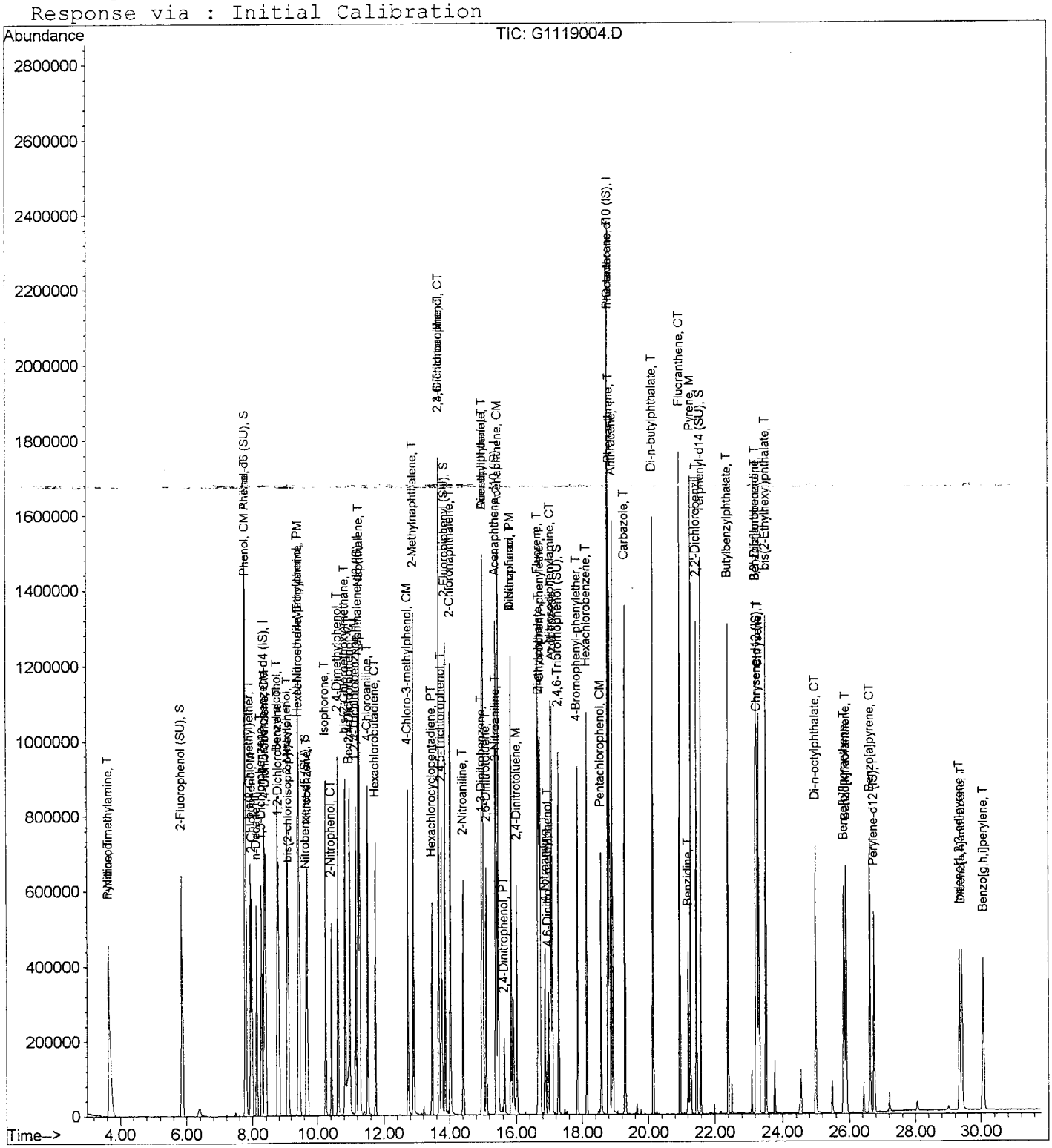
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.28	202	983201	52.00 ppm	97
73) 2,2'-Dichlorobenzil	21.46	139	742655	54.27 ppm	97
75) Benzidine	21.21	184	264615	48.67 ppm	97
76) Butylbenzylphthalate	22.40	149	494208	57.04 ppm	100
77) 3,3'-Dichlorobenzidine	23.24	252	236837	44.79 ppm	96
78) Benzo[a]anthracene	23.23	228	733242	54.58 ppm	99
79) Chrysene	23.32	228	695415	52.88 ppm	100
80) bis(2-Ethylhexyl)phthalate	23.52	149	651987	61.92 ppm	99
81) Di-n-octylphthalate	24.99	149	781985	60.86 ppm	99
83) Benzo[b]fluoranthene	25.85	252	662342	46.77 ppm	98
84) Benzo[k]fluoranthene	25.91	252	674569	49.92 ppm	99
85) Benzo[a]pyrene	26.63	252	593011	50.08 ppm	99
86) Indeno[1,2,3-cd]pyrene	29.35	276	505104	44.71 ppm	95
87) Dibenz[a,h]anthracene	29.44	278	503906	43.65 ppm	98
88) Benzo[g,h,i]perylene	30.08	276	530526	44.67 ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119004.D Vial: 9
Acq On : 19 Nov 2007 5:55 pm Operator: DF/AI
Sample : 7K15059-BS1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 18:27 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D
Acq On : 19 Nov 2007 6:34 pm
Sample : 7K15059-BSD1
Misc : WATER 1L/2ml --- Batch 7K15059
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107

Vial: 10
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	283961	40.00	ppm	-0.03
20) Naphthalene-d8 (IS)	11.23	136	1074535	40.00	ppm	-0.03
36) Acenaphthene-d10 (IS)	15.39	164	529897	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	18.79	188	708805	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	23.26	240	567885	40.00	ppm	-0.03
82) Perylene-d12 (IS)	26.75	264	384603	40.00	ppm	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.85	112	789565	68.87	ppm	-0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 68.87%			
7) Phenol-d6 (SU)	7.78	99	1005359	81.15	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 81.15%			
21) Nitrobenzene-d5 (SU)	9.66	82	358054	37.59	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 75.18%			
40) 2-Fluorobiphenyl (SU)	13.87	172	780746	41.80	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 83.60%			
62) 2,4,6-Tribromophenol (SU)	17.29	330	319432	88.53	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.53%			
74) Terphenyl-d14 (SU)	21.59	244	702980	44.77	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 89.54%			

Target Compounds						Qvalue
3) Pyridine	3.65	79	471370	38.07	ppm	98
4) n-Nitrosodimethylamine	3.65	74	344611	45.39	ppm	92
5) bis(2-Chloroethyl)ether	7.94	93	531518	48.10	ppm	90
6) Aniline	7.77	93	747787	48.18	ppm	95
8) Phenol	7.80	94	657348	46.42	ppm	97
9) 2-Chlorophenol	7.98	128	453718	44.91	ppm	99
10) n-Decane	8.13	57	273355	29.86	ppm	97
11) 1,3-Dichlorobenzene	8.28	146	401739	35.21	ppm	98
12) 1,4-Dichlorobenzene	8.40	146	410062	36.42	ppm	100
13) 1,2-Dichlorobenzene	8.80	146	400351	39.41	ppm	99
14) Benzyl alcohol	8.76	108	333567	55.82	ppm	92
15) bis(2-chloroisopropyl)ethe	9.13	45	431582	47.76	ppm #	75
16) 2-Methylphenol	9.08	107	373870	50.73	ppm	99
17) Hexachloroethane	9.46	117	140612	36.21	ppm	98
18) N-Nitroso-di-n-propylamine	9.44	70	290799	49.49	ppm	98
19) 4-Methylphenol	9.42	107	541280	53.33	ppm	99
22) Nitrobenzene	9.70	77	420658	44.98	ppm	97
23) Isophorone	10.26	82	809181	47.88	ppm	98
24) 2-Nitrophenol	10.43	139	260947	48.08	ppm	95
25) 2,4-Dimethylphenol	10.62	122	373418	43.70	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.84	93	599870	49.00	ppm		100
27)	2,4-Dichlorophenol	10.98	162	369604	48.77	ppm		99
28)	1,2,4-Trichlorobenzene	11.16	180	334920	42.41	ppm		99
29)	Benzoic Acid	10.96	122	226592	46.72	ppm		96
30)	Naphthalene	11.28	128	1187664	46.01	ppm		99
31)	4-Chloroaniline	11.51	127	552929	49.86	ppm		99
32)	Hexachlorobutadiene	11.75	225	172113	39.19	ppm		98
33)	4-Chloro-3-methylphenol	12.73	107	368574	51.56	ppm		98
34)	2-Methylnaphthalene	12.90	141	668422	49.78	ppm		98
35)	2,3-Dichloroaniline	13.68	161	425314	50.48	ppm		99
37)	Hexachlorocyclopentadiene	13.47	237	181458	48.73	ppm		99
38)	2,4,6-Trichlorophenol	13.68	196	240818	51.43	ppm		99
39)	2,4,5-Trichlorophenol	13.76	196	271588	49.93	ppm		97
41)	2-Chloronaphthalene	14.03	162	770303	48.26	ppm		99
42)	2-Nitroaniline	14.41	65	194160	48.70	ppm		98
43)	1,3-Dinitrobenzene	14.97	168	148201	44.67	ppm		93
44)	Acenaphthylene	15.01	152	1219805	54.35	ppm		99
45)	Dimethylphthalate	15.00	163	851448	51.83	ppm		99
46)	2,6-Dinitrotoluene	15.12	165	212968	49.58	ppm		94
47)	Acenaphthene	15.46	154	687062	48.95	ppm		99
48)	3-Nitroaniline	15.42	138	237275	51.53	ppm		98
49)	2,4-Dinitrophenol	15.65	184	76496	39.17	ppm		96
50)	Dibenzofuran	15.85	168	1060514	50.15	ppm	#	70
51)	2,4-Dinitrotoluene	16.02	165	266714	47.73	ppm		98
52)	4-Nitrophenol	15.91	109	62699	41.33	ppm	#	3
53)	Fluorene	16.66	166	821336	50.28	ppm		100
54)	4-Chlorophenyl-phenylether	16.73	204	383512	51.42	ppm		94
55)	Diethylphthalate	16.69	149	836626	51.01	ppm		100
56)	Azobenzene	17.09	77	881343	50.15	ppm		99
57)	4-Nitroaniline	16.88	138	229104	48.98	ppm		98
58)	n-Octadecane	18.79	57	373635	53.54	ppm		98
60)	4,6-Dinitro-2-methylphenol	16.97	198	126756	49.94	ppm		96
61)	n-Nitrosodiphenylamine	17.05	169	597598	48.10	ppm		99
63)	4-Bromophenyl-phenylether	17.87	248	279674	48.04	ppm		98
64)	Hexachlorobenzene	18.15	284	354133	46.58	ppm		100
65)	Pentachlorophenol	18.57	266	208156	46.92	ppm		100
66)	Phenanthrene	18.84	178	1111905	48.66	ppm		99
67)	Anthracene	18.93	178	1157819	50.49	ppm		99
68)	Carbazole	19.30	167	1012650	51.86	ppm		99
69)	Di-n-butylphthalate	20.14	149	1443880	53.16	ppm		100
70)	Fluoranthene	20.95	202	1053738	52.49	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

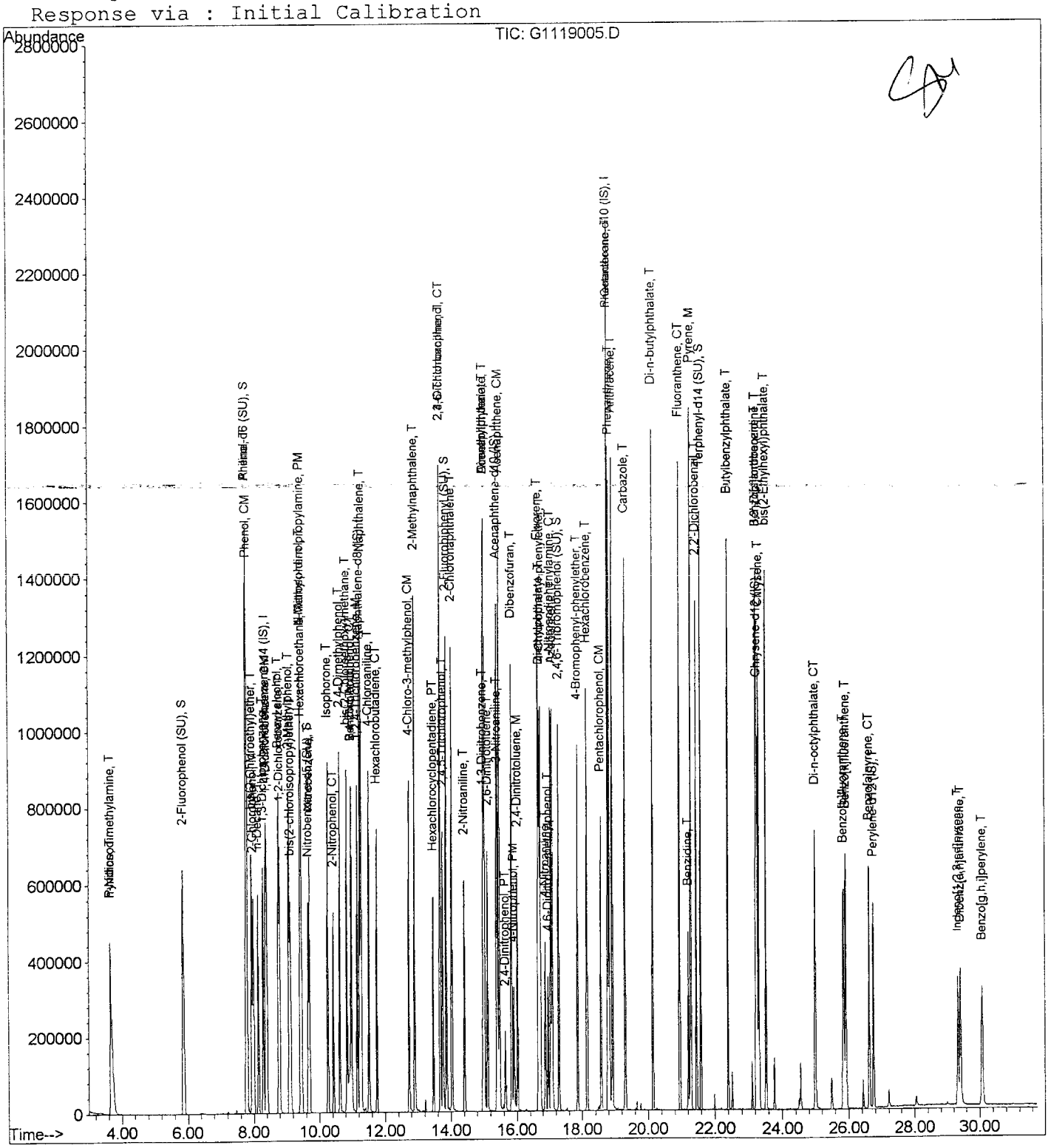
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	21.28	202	1057507	51.48	ppm	97
73)	2,2'-Dichlorobenzil	21.45	139	817872	55.02	ppm	97
75)	Benzidine	21.21	184	316436	53.58	ppm	97
76)	Butylbenzylphthalate	22.40	149	547259	58.14	ppm	100
77)	3,3'-Dichlorobenzidine	23.25	252	252505	43.96	ppm	97
78)	Benzo[a]anthracene	23.23	228	781879	53.58	ppm	99
79)	Chrysene	23.31	228	733578	51.35	ppm	99
80)	bis(2-Ethylhexyl)phthalate	23.52	149	717488	62.72	ppm	99
81)	Di-n-octylphthalate	25.00	149	854879	61.25	ppm	99
83)	Benzo[b]fluoranthene	25.85	252	647314	48.65	ppm	98
84)	Benzo[k]fluoranthene	25.91	252	646979	50.96	ppm	99
85)	Benzo[a]pyrene	26.63	252	553609	49.77	ppm	99
86)	Indeno[1,2,3-cd]pyrene	29.35	276	415194	39.12	ppm	95
87)	Dibenz[a,h]anthracene	29.43	278	412299	38.01	ppm	97
88)	Benzo[g,h,i]perylene	30.07	276	420861	37.72	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	283961	40.00	ppm	-0.03
20) Naphthalene-d8 (IS)	11.23	136	1074535	40.00	ppm	-0.03
36) Acenaphthene-d10 (IS)	15.39	164	529897	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	18.79	188	708805	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	23.26	240	567885	40.00	ppm	-0.03
82) Perylene-d12 (IS)	26.75	264	384603	40.00	ppm	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.85	112	789565	68.87	ppm	-0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 68.87%			
7) Phenol-d6 (SU)	7.78	99	1005359	81.15	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 81.15%			
21) Nitrobenzene-d5 (SU)	9.66	82	358054	37.59	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 75.18%			
40) 2-Fluorobiphenyl (SU)	13.87	172	780746	41.80	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 83.60%			
62) 2,4,6-Tribromophenol (SU)	17.29	330	319432	88.53	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.53%			
74) Terphenyl-d14 (SU)	21.59	244	702980	44.77	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 89.54%			

Target Compounds						Qvalue
3) Pyridine	3.65	79	471370	38.07	ppm	98
4) n-Nitrosodimethylamine	3.65	74	344611	45.39	ppm	92
5) bis(2-Chloroethyl)ether	7.94	93	531518	48.10	ppm	90
6) Aniline	7.77	93	747787	48.18	ppm	95
8) Phenol	7.80	94	657348	46.42	ppm	97
9) 2-Chlorophenol	7.98	128	453718	44.91	ppm	99
10) n-Decane	8.13	57	273355	29.86	ppm	97
11) 1,3-Dichlorobenzene	8.28	146	401739	35.21	ppm	98
12) 1,4-Dichlorobenzene	8.40	146	410062	36.42	ppm	100
13) 1,2-Dichlorobenzene	8.80	146	400351	39.41	ppm	99
14) Benzyl alcohol	8.76	108	333567	55.82	ppm	92
15) bis(2-chloroisopropyl)ethe	9.13	45	431582	47.76	ppm #	75
16) 2-Methylphenol	9.08	107	373870	50.73	ppm	99
17) Hexachloroethane	9.46	117	140612	36.21	ppm	98
18) N-Nitroso-di-n-propylamine	9.44	70	290799	49.49	ppm	98
19) 4-Methylphenol	9.42	107	541280	53.33	ppm	99
22) Nitrobenzene	9.70	77	420658	44.98	ppm	97
23) Isophorone	10.26	82	809181	47.88	ppm	98
24) 2-Nitrophenol	10.43	139	260947	48.08	ppm	95
25) 2,4-Dimethylphenol	10.62	122	373418	43.70	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.84	93	599870	49.00	ppm		100
27)	2,4-Dichlorophenol	10.98	162	369604	48.77	ppm		99
28)	1,2,4-Trichlorobenzene	11.16	180	334920	42.41	ppm		99
29)	Benzoic Acid	10.96	122	226592	46.72	ppm		96
30)	Naphthalene	11.28	128	1187664	46.01	ppm		99
31)	4-Chloroaniline	11.51	127	552929	49.86	ppm		99
32)	Hexachlorobutadiene	11.75	225	172113	39.19	ppm		98
33)	4-Chloro-3-methylphenol	12.73	107	368574	51.56	ppm		98
34)	2-Methylnaphthalene	12.90	141	668422	49.78	ppm		98
35)	2,3-Dichloroaniline	13.68	161	425314	50.48	ppm		99
37)	Hexachlorocyclopentadiene	13.47	237	181458	48.73	ppm		99
38)	2,4,6-Trichlorophenol	13.68	196	240818	51.43	ppm		99
39)	2,4,5-Trichlorophenol	13.76	196	271588	49.93	ppm		97
41)	2-Chloronaphthalene	14.03	162	770303	48.26	ppm		99
42)	2-Nitroaniline	14.41	65	194160	48.70	ppm		96
43)	1,3-Dinitrobenzene	14.97	168	148201	44.67	ppm		93
44)	Acenaphthylene	15.01	152	1219805	54.35	ppm		99
45)	Dimethylphthalate	15.00	163	851448	51.83	ppm		99
46)	2,6-Dinitrotoluene	15.12	165	212968	49.58	ppm		94
47)	Acenaphthene	15.46	154	687062	48.95	ppm		99
48)	3-Nitroaniline	15.42	138	237275	51.53	ppm		98
49)	2,4-Dinitrophenol	15.65	184	76496	39.17	ppm		96
50)	Dibenzofuran	15.85	168	1060514	50.15	ppm	#	70
51)	2,4-Dinitrotoluene	16.02	165	266714	47.73	ppm		98
52)	4-Nitrophenol	15.91	109	62699	41.33	ppm	#	3
53)	Fluorene	16.66	166	821336	50.28	ppm		100
54)	4-Chlorophenyl-phenylether	16.73	204	383512	51.42	ppm		94
55)	Diethylphthalate	16.69	149	836626	51.01	ppm		100
56)	Azobenzene	17.09	77	881343	50.15	ppm		99
57)	4-Nitroaniline	16.88	138	229104	48.98	ppm		98
58)	n-Octadecane	18.79	57	373635	53.54	ppm		98
60)	4,6-Dinitro-2-methylphenol	16.97	198	126756	49.94	ppm		96
61)	n-Nitrosodiphenylamine	17.05	169	597598	48.10	ppm		99
63)	4-Bromophenyl-phenylether	17.87	248	279674	48.04	ppm		98
64)	Hexachlorobenzene	18.15	284	354133	46.58	ppm		100
65)	Pentachlorophenol	18.57	266	208156	46.92	ppm		100
66)	Phenanthrene	18.84	178	1111905	48.66	ppm		99
67)	Anthracene	18.93	178	1157819	50.49	ppm		99
68)	Carbazole	19.30	167	1012650	51.86	ppm		99
69)	Di-n-butylphthalate	20.14	149	1443880	53.16	ppm		100
70)	Fluoranthene	20.95	202	1053738	52.49	ppm		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D Vial: 10
Acq On : 19 Nov 2007 6:34 pm Operator: DF/AI
Sample : 7K15059-BSD1 Inst : GCMS62
Misc : WATER 1L/2ml --- Batch 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.28	202	1057507	51.48 ppm	97
73) 2,2'-Dichlorobenzil	21.45	139	817872	55.02 ppm	97
75) Benzidine	21.21	184	316436	53.58 ppm	97
76) Butylbenzylphthalate	22.40	149	547259	58.14 ppm	100
77) 3,3'-Dichlorobenzidine	23.25	252	252505	43.96 ppm	97
78) Benzo[a]anthracene	23.23	228	781879	53.58 ppm	99
79) Chrysene	23.31	228	733578	51.35 ppm	99
80) bis(2-Ethylhexyl)phthalate	23.52	149	717488	62.72 ppm	99
81) Di-n-octylphthalate	25.00	149	854879	61.25 ppm	99
83) Benzo[b]fluoranthene	25.85	252	647314	48.65 ppm	98
84) Benzo[k]fluoranthene	25.91	252	646979	50.96 ppm	99
85) Benzo[a]pyrene	26.63	252	553609	49.77 ppm	99
86) Indeno[1,2,3-cd]pyrene	29.35	276	415194	39.12 ppm	95
87) Dibenz[a,h]anthracene	29.43	278	412299	38.01 ppm	97
88) Benzo[g,h,i]perylene	30.07	276	420861	37.72 ppm	97

(#) = qualifier out of range (m) = manual integration

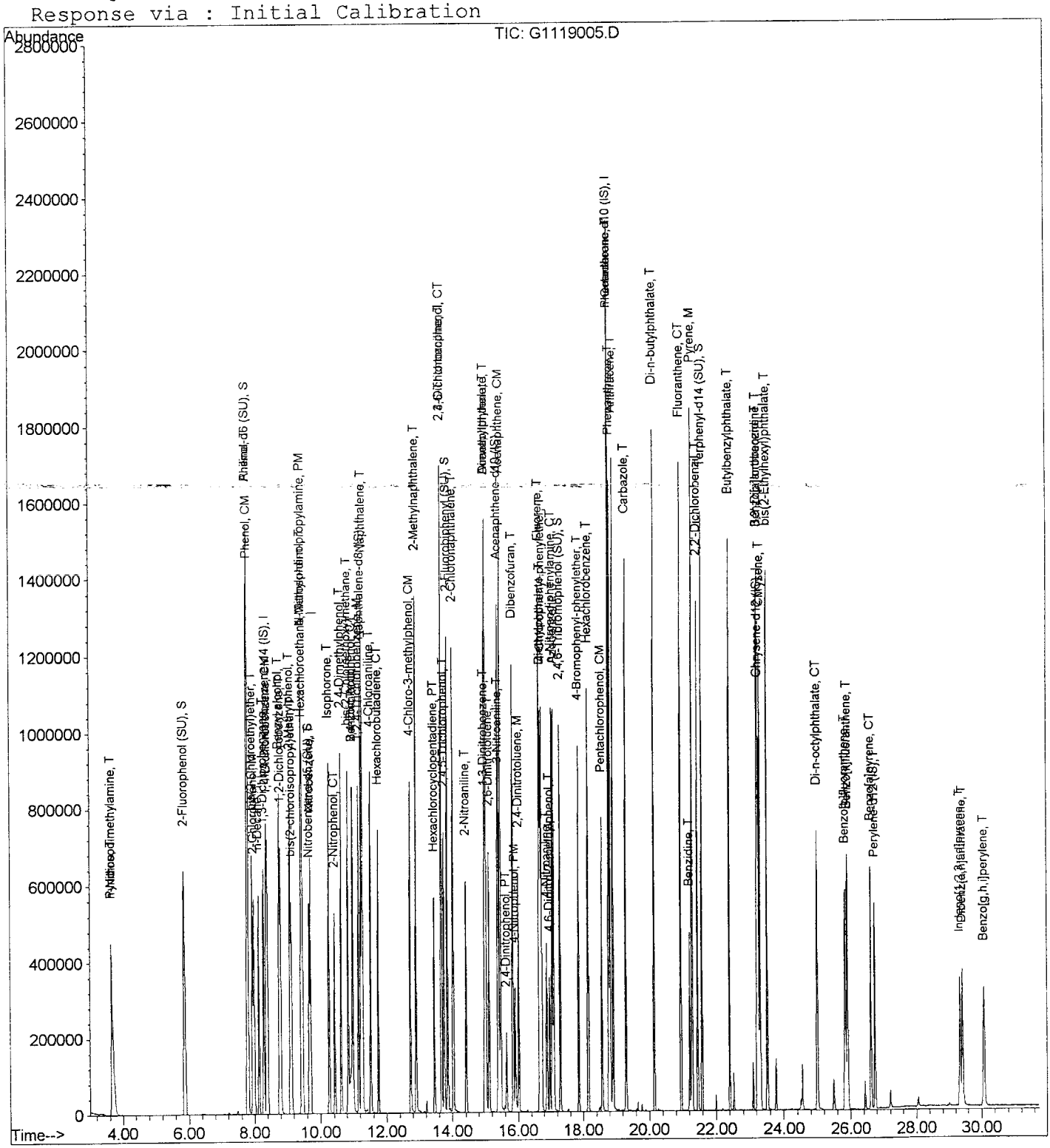
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119005.D
Acq On : 19 Nov 2007 6:34 pm
Sample : 7K15059-BSD1
Misc : WATER 1L/2ml --- Batch 7K15059
MS Integration Params: RTEINT.P
Quant Time: Nov 19 19:06 19107

Vial: 10
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



GC/MS DAILY LOG SUMMARY

DATE: 11-07-07 **DATAFILE:** C:\GCMS 8 \DATA\ 07 NOV 07

ANALYST: LB **GCMS:** # 8 **EPA METHOD:** 625/8270

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN 1	***	Pass @ 09:48				
2	50ppm Midpoint STD	***	SSTD050	***	1 midpoint check				failed
3	50ppm DFTPP STD	–	STUN 2	–	Pass @ 12:39		updated #11/7/07		
4	50ppm Midpoint STD	–	SSTD050A	–	KS	ICAL		11/8/07	#7100431
5	5ppm	–	005	–					428
6	10ppm	–	010	–					429
7	80ppm	–	080	–			8270/625		432
8	120ppm	–	120	–			ICAL		433
9	160ppm	–	160	–			H7k075V		434
10	2ppm	–	002	–					427
11	50ppm Sec. Source	–	LCS050	–					#7090368
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation:

Methylene Chloride Lot# See above

Benzidine < 3 ✓ Pentachlorophenol < 5 ✓ DDT Degradation < 20 ✓

Standard Code:

DFTPP: 7100452 Internal Standard: See above Calibration: See above

GCMS INITIAL CALIBRATION CHECK LIST
EPA 8270C/625 – Semivolatile Organic Analysis

2nd Level Review:		Analyst:	DF
Date:	11/8/07	Analysis Date:	11/7/07
		GCMS #:	8

2nd Level Rev	Analyst Rev	
		DFTPP Tuning :
✓	✓	Benzidine tailing <=3; Pentachlorophenol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD of RF: <= ±30 % for CCCs; <= ±15 % for non-CCCs.
✓	✓	• If RSD >± 15 % and r^2 >= 0.99: use linear or quadratic regression
		LCS check :
✓	✓	• After initial calibration
✓	✓	• SPCC: Minimum RF and % recovery met (refer to in-house limits)
✓	✓	• CCC: % difference from initial calibration <= 20%
✓	✓	• Other compounds: % recovery met (refer to in-house limits)
		Datafile:
✓	✓	Print out calibration curve (include software or calculator-generated r^2 coefficient)
		Generate:
✓	✓	• Response Factor summary sheet
✓	✓	• List compound summary sheet
✓	✓	• List compound history summary sheet
✓	✓	Print all levels with area count for all compounds
		Check all levels for:
✓	✓	• Manual integration
✓	✓	• Print data before and after integration
✓	✓	• Transcription errors
✓	✓	Calibration performed within 12-hour tuning period
✓	✓	Mint Miner Check
✓	✓	Corrective Action Report attached (if applicable)

Comments:

GC/MS QA-QC Check Report

Tune File : C:\GCMS8\DATA\07NOV07\STUN2.D
Tune Time : 7 Nov 2007 12:39 pm

Daily Calibration File : C:\GCMS8\DATA\07NOV07\SSTD050A.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB)	(NPT)	(ANT)	(PHN)	(CRY)	(PRY)
							450645	1410180	716631	1023640	762123	729242

File	Sample	Surrogate Recovery %						Internal Standard Responses					
LCS050.D	50ppm Sec. S	51	51	50	50	55	51	477085	1515673	769624	1105922	827825	768234
SSTD002.D	2ppm BNA STD	2*	2*	4*	4*	2*	4*	521735	1737366	892948	1240394	966024	839156
SSTD005.D	5ppm BNA STD	4*	5*	10*	11*	5*	10*	557756	1766256	905777	1229263	912756	781863
SSTD010.D	10ppm BNA ST	9*	9*	20*	21*	11*	20*	602099	1913527	1010694	1407078	1093936	992229
SSTD080.D	80ppm BNA ST	76	75	164*	152*	98	154*	464912	1416871	701520	971523	693548	659661
SSTD120.D	120ppm BNA S	126*	121*	256*	225*	148*	232*	399216	1249888	625135	893039	631958	634003
SSTD160.D	160ppm BNA S	179*	165*	344*	284*	202*	286*	369942	1180661	605872	851636	617901	580682

- fails 12hr time check * - fails criteria

Created: Thu Nov 08 15:55:28 2007 GCMS8

RESPONSE FACTOR REPORT

GCMS8

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration

Calibration File
5 =SSTD005.D * 10 =SSTD010.D * 50 =SSTD050A.D * 80 =SSTD080.D * 120 =SSTD120.D
160 =SSTD160.D * 2 =SSTD002.D * = * = * =

	COMPOUND	5	10	50	80	120	160	2	AVG	%RSD
I	1,4-Dichlorobenzene-d4 (IS)	ISTD								
S	2-Fluorophenol (SU)	1.387	1.406	1.501	1.536	1.703	1.814	1.371	1.531	11.07
T	Pyridine	2.030	2.079	2.163	2.187	2.429	2.587	1.863	2.191	11.18
T	n-Nitrosodimethylamine	1.391	1.441	1.466	1.502	1.640	1.756	1.262	1.494	10.85
T	bis(2-Chloroethyl)ether	1.866	1.780	1.742	1.832	2.053	2.105	1.943	1.903	7.18
T	Aniline	2.361	2.502	2.524	2.403	2.559	2.659	2.480	2.498	3.95
S	Phenol-d6 (SU)	1.935	1.936	1.953	1.929	2.073	2.124	1.942	1.985	4.00
CM	Phenol	2.078	2.080	2.081	2.044	2.157	2.158	2.128	2.104	2.10
M	2-Chlorophenol	1.379	1.385	1.409	1.412	1.478	1.501	1.439	1.429	3.25
T	n-Decane	2.630	2.604	2.600	2.488	2.644	2.654	2.789	2.630	3.39
T	1,3-Dichlorobenzene	1.349	1.425	1.364	1.376	1.352	1.333	1.431	1.376	2.77
CM	1,4-Dichlorobenzene	1.770	1.690	1.694	1.643	1.672	1.672	1.706	1.692	2.35
T	1,2-Dichlorobenzene	1.461	1.483	1.454	1.436	1.469	1.448	1.466	1.460	1.04
T	Benzyl alcohol	0.847	0.903	0.910	0.899	0.965	0.994	0.837	0.908	6.28
T	bis(2-chloroisopropyl)ether	4.028	4.068	3.921	3.793	4.106	4.158	4.297	4.053	4.02
T	2-Methylphenol	1.081	1.105	1.085	1.072	1.136	1.144	1.137	1.109	2.73
T	Hexachloroethane	0.570	0.594	0.602	0.598	0.619	0.622	0.603	0.601	2.85
PM	N-Nitroso-di-n-propylamine	1.228	1.262	1.225	1.189	1.271	1.346	1.231	1.250	4.00
T	4-Methylphenol	1.511	1.543	1.493	1.437	1.487	1.514	1.571	1.508	2.83
I	Naphthalene-d8 (IS)	ISTD								
S	Nitrobenzene-d5 (SU)	0.468	0.486	0.486	0.487	0.507	0.511	0.462	0.487	3.70
T	Nitrobenzene	0.498	0.515	0.497	0.499	0.508	0.507	0.508	0.505	1.31
T	Isophorone	0.904	0.928	0.925	0.931	0.999	1.021	0.937	0.949	4.53
CT	2-Nitrophenol	0.219	0.244	0.258	0.261	0.268	0.284	0.217	0.250	10.05
T	2,4-Dimethylphenol	0.350	0.356	0.356	0.360	0.370	0.372	0.338	0.357	3.28
T	bis(2-Chloroethoxy)methane	0.569	0.584	0.568	0.560	0.587	0.585	0.566	0.574	1.88
CT	2,4-Dichlorophenol	0.327	0.337	0.337	0.332	0.327	0.318	0.306	0.326	3.41
M	1,2,4-Trichlorobenzene	0.361	0.362	0.346	0.344	0.334	0.323	0.340	0.344	4.02
T	Benzoic Acid	0.047	0.104	0.176	0.194	0.217	0.232		0.162	44.35*
T	Naphthalene	1.041	1.038	0.975	0.940	0.929	0.913	1.024	0.980	5.55
T	4-Chloroaniline	0.437	0.460	0.446	0.434	0.439	0.438	0.404	0.437	3.86
CT	Hexachlorobutadiene	0.178	0.183	0.179	0.175	0.170	0.163	0.172	0.174	3.72
CM	4-Chloro-3-methylphenol	0.288	0.307	0.312	0.308	0.328	0.333	0.272	0.307	6.94
T	2-Methylnaphthalene	0.591	0.603	0.567	0.539	0.573	0.552	0.602	0.576	4.28
T	2,3-Dichloroaniline	0.368	0.371	0.352	0.340	0.346	0.342	0.360	0.354	3.51
I	Acenaphthene-d10 (IS)	ISTD								
PT	Hexachlorocyclopentadiene	0.171	0.210	0.256	0.262	0.278	0.266		0.240	17.22*
CT	2,4,6-Trichlorophenol	0.405	0.435	0.428	0.425	0.415	0.399	0.365	0.410	5.80
T	2,4,5-Trichlorophenol	0.429	0.459	0.469	0.463	0.448	0.426	0.389	0.440	6.34
S	2-Fluorobiphenyl (SU)	1.490	1.441	1.336	1.298	1.283	1.216	1.480	1.364	7.86
T	2-Chloronaphthalene	1.228	1.225	1.153	1.116	1.096	1.057	1.220	1.156	6.01
T	2-Nitroaniline	0.414	0.443	0.486	0.492	0.534	0.537	0.396	0.472	11.83
T	1,3-Dinitrobenzene	0.202	0.228	0.243	0.243	0.248	0.248		0.235	7.70*
T	Acenaphthylene	1.729	1.746	1.691	1.643	1.670	1.610	1.767	1.694	3.36
T	Dimethylphthalate	1.413	1.407	1.340	1.279	1.298	1.283	1.411	1.347	4.62
T	2,6-Dinitrotoluene	0.330	0.366	0.358	0.348	0.355	0.347	0.329	0.348	4.01
CM	Acenaphthene	1.117	1.123	1.044	1.017	1.028	1.003	1.129	1.066	5.15
T	3 Nitroaniline	0.322	0.358	0.349	0.333	0.351	0.357		0.345	4.18
PT	2,4-Dinitrophenol	0.065	0.134	0.207	0.207	0.231	0.245		0.182	37.91*
T	Dibenzofuran	1.648	1.685	1.567	1.491	1.463	1.438	1.660	1.564	6.52
M	2,4-Dinitrotoluene	0.411	0.446	0.449	0.432	0.450	0.446	0.347	0.426	8.81
PM	4-Nitrophenol	0.077	0.101	0.117	0.120	0.135	0.142		0.115	20.26*
T	Fluorene	1.309	1.325	1.264	1.214	1.209	1.161	1.350	1.262	5.53
T	4-Chlorophenyl-phenylether	0.665	0.666	0.629	0.603	0.601	0.588	0.660	0.630	5.32
T	Diethylphthalate	1.354	1.363	1.208	1.131	1.162	1.165	1.368	1.250	8.53
T	Azobenzene	1.817	1.836	1.686	1.614	1.613	1.526	1.878	1.710	7.87
T	4-Nitroaniline	0.288	0.342	0.321	0.304	0.333	0.327	0.253	0.309	9.98
T	n-Octadecane	1.421	1.399	1.260	1.092	1.042		1.466	1.280	14.03
I	Phenanthrene-d10 (IS)	ISTD								
T	4,6-Dinitro-2-methylphenol	0.133	0.177	0.200	0.197	0.195	0.196		0.183	14.12
CT	n-Nitrosodiphenylamine	0.635	0.636	0.572	0.548	0.513	0.521	0.619	0.578	9.16
S	2,4,6-Tribromophenol (SU)	0.126	0.141	0.149	0.155	0.156	0.161	0.117	0.143	11.64
T	4-Bromophenyl-phenylether	0.272	0.275	0.263	0.263	0.261	0.261	0.254	0.264	2.62
T	Hexachlorobenzene	0.307	0.298	0.293	0.296	0.298	0.297	0.316	0.301	2.68
CM	Pentachlorophenol	0.100	0.140	0.180	0.186	0.200	0.212		0.170	24.64
T	Phenanthrene	1.227	1.217	1.095	1.049	1.004	0.990	1.225	1.115	9.51
T	Anthracene	1.231	1.231	1.075	1.014	0.996	0.992	1.251	1.113	10.81
T	Carbazole	1.040	1.060	0.889	0.838	0.871	0.915	1.050	0.952	9.95
T	Di-n-butylphthalate	1.725	1.733	1.591	1.492	1.452	1.440	1.744	1.597	8.61
CT	Fluoranthene	1.235	1.284	1.180	1.150	1.136	1.094	1.302	1.197	6.55
I	Chrysene-d12 (IS)	ISTD								
M	Pyrene	1.728	1.681	1.570	1.580	1.519	1.448	1.701	1.604	6.45
T	2,2'-Dichlorobenzil	1.142	1.182	1.191	1.201	1.201	1.124	1.015	1.151	5.83
S	Terphenyl-d14 (SU)	1.065	1.075	1.049	1.024	1.031	0.953	1.041	1.034	3.87
T	Benzidine	0.499	0.502	0.500	0.464	0.475	0.422	0.473	0.476	5.95
T	Butylbenzylphthalate	0.890	0.881	0.893	0.892	0.876	0.837	0.873	0.877	2.23
T	3,3'-Dichlorobenzidine	0.423	0.439	0.456	0.447	0.464	0.461	0.392	0.440	5.80
T	Benzo[a]anthracene	1.283	1.310	1.287	1.269	1.283	1.261	1.289	1.283	1.19
T	Chrysene	1.206	1.221	1.113	1.082	1.078	1.049	1.264	1.145	7.32
T	bis(2-Ethylhexyl)phthalate	1.157	1.166	1.086	1.054	1.047	0.978	1.090	1.082	6.03
CT	Di-n-octylphthalate	1.454	1.569	1.579	1.564	1.553	1.519	1.387	1.518	4.72
I	Perylene-d12 (IS)	ISTD								
T	Benzo[b]fluoranthene	1.282	1.322	1.335	1.438	1.701		1.246	1.387	12.01
T	Benzo[k]fluoranthene	1.390	1.376	1.205	1.108			1.419	1.300	10.45
CT	Benzo[a]pyrene	1.141	1.216	1.172	1.175	1.137	1.143	1.153	1.162	2.41
T	Indeno[1,2,3-cd]pyrene	0.989	1.100	1.158	1.101	1.225	1.114	0.917	1.086	9.48
T	Dibenz[a,h]anthracene	1.047	1.188	1.224	1.129	1.161	1.026	0.970	1.106	8.45
T	Benzo[g,h,i]perylene	1.115	1.203	1.215	1.096	1.130	0.993	1.047	1.114	7.15

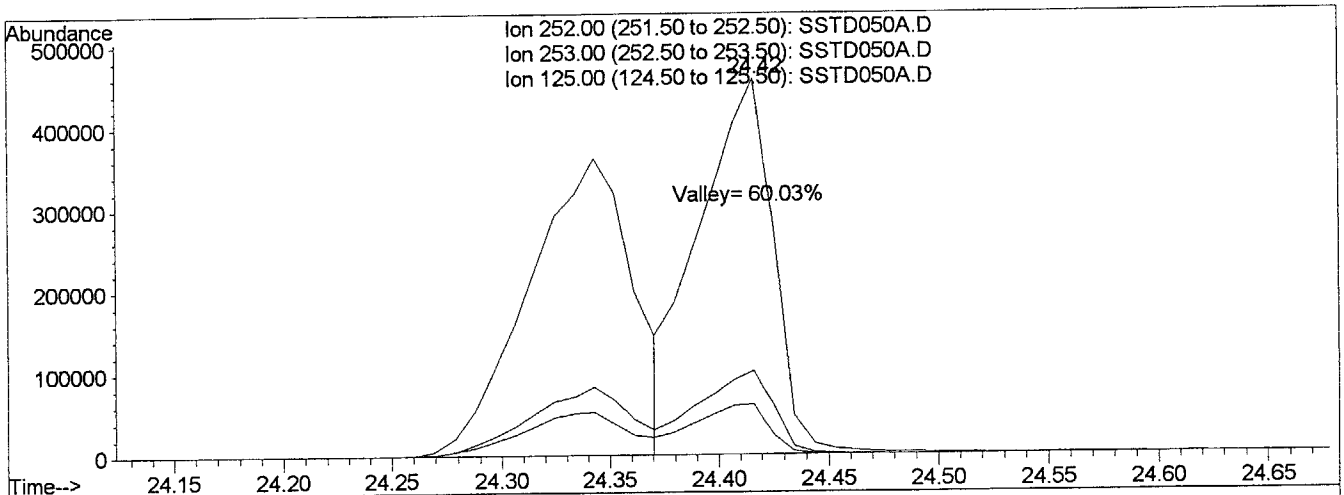
(#) = Out of Range
(*) = Linear Regression

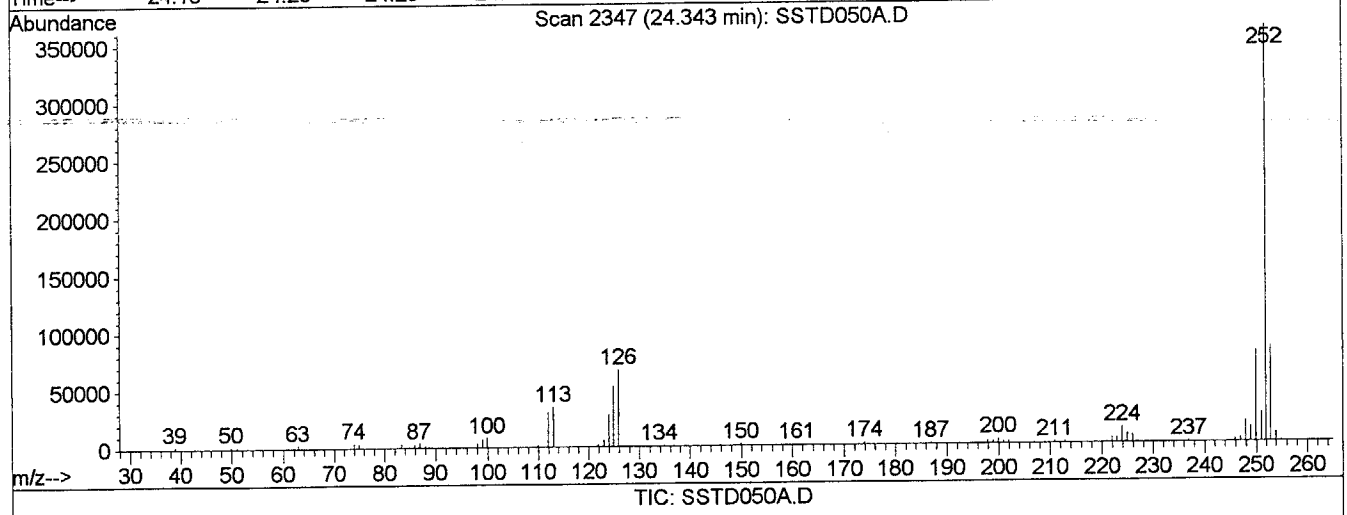
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:07:07 2007 Quant Method: H7K07SV.M (RTE Integrator)

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration





TIC: SSTD050A.D

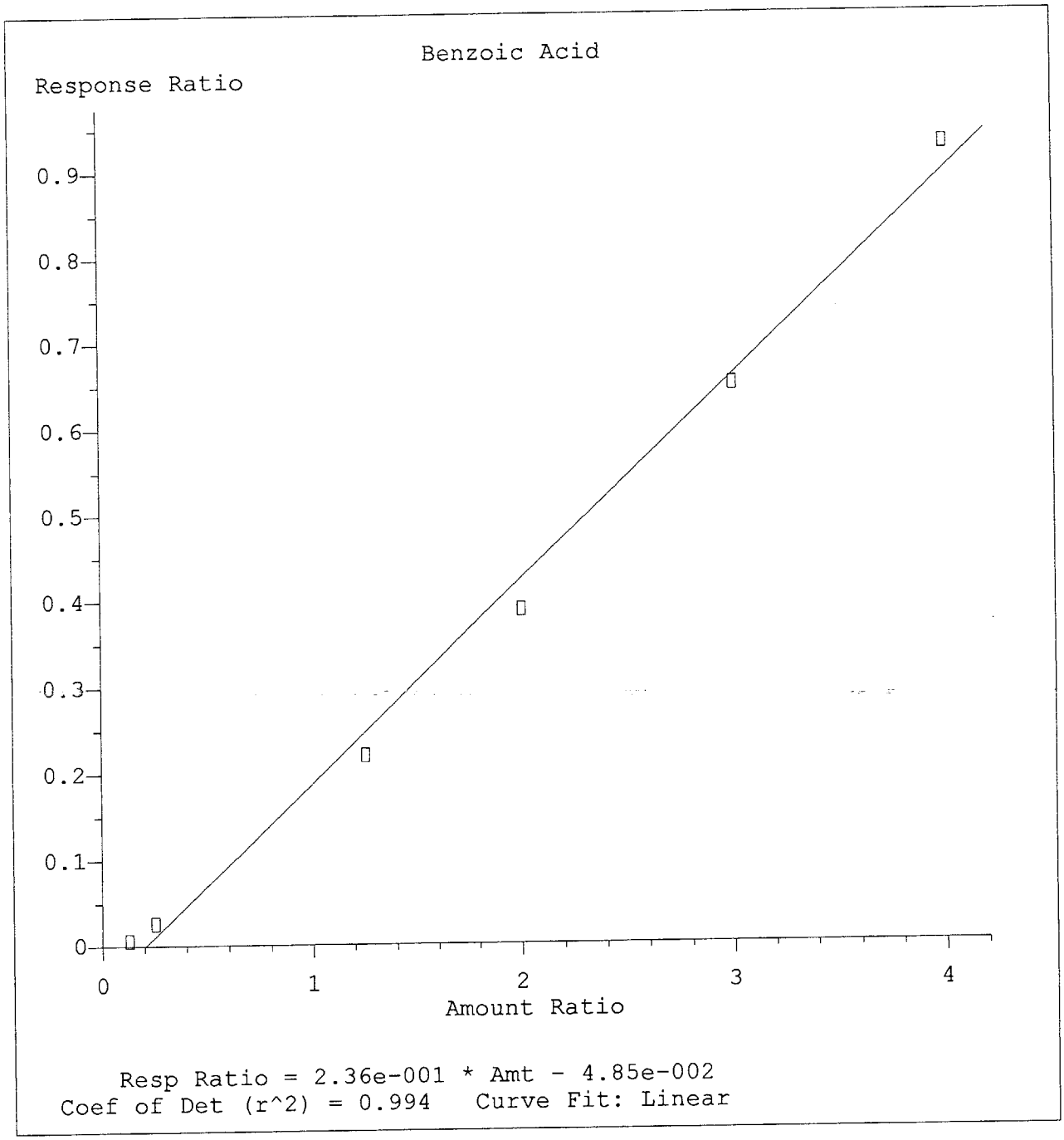
(83) Benzo[b]fluoranthene (T)

24.34min 47.47ppm

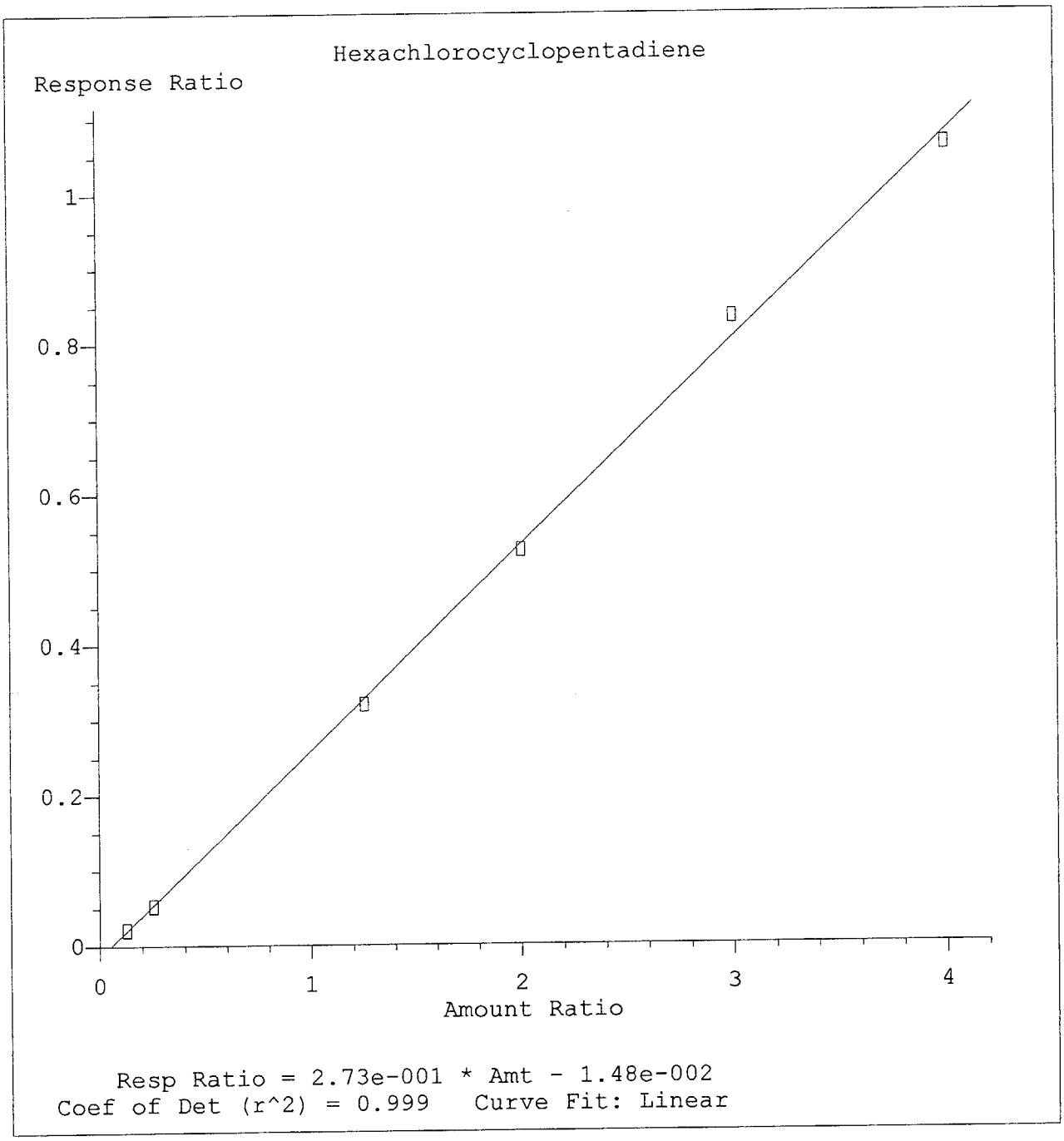
response 1217101

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.13
125.00	14.80	14.80
0.00	0.00	0.00

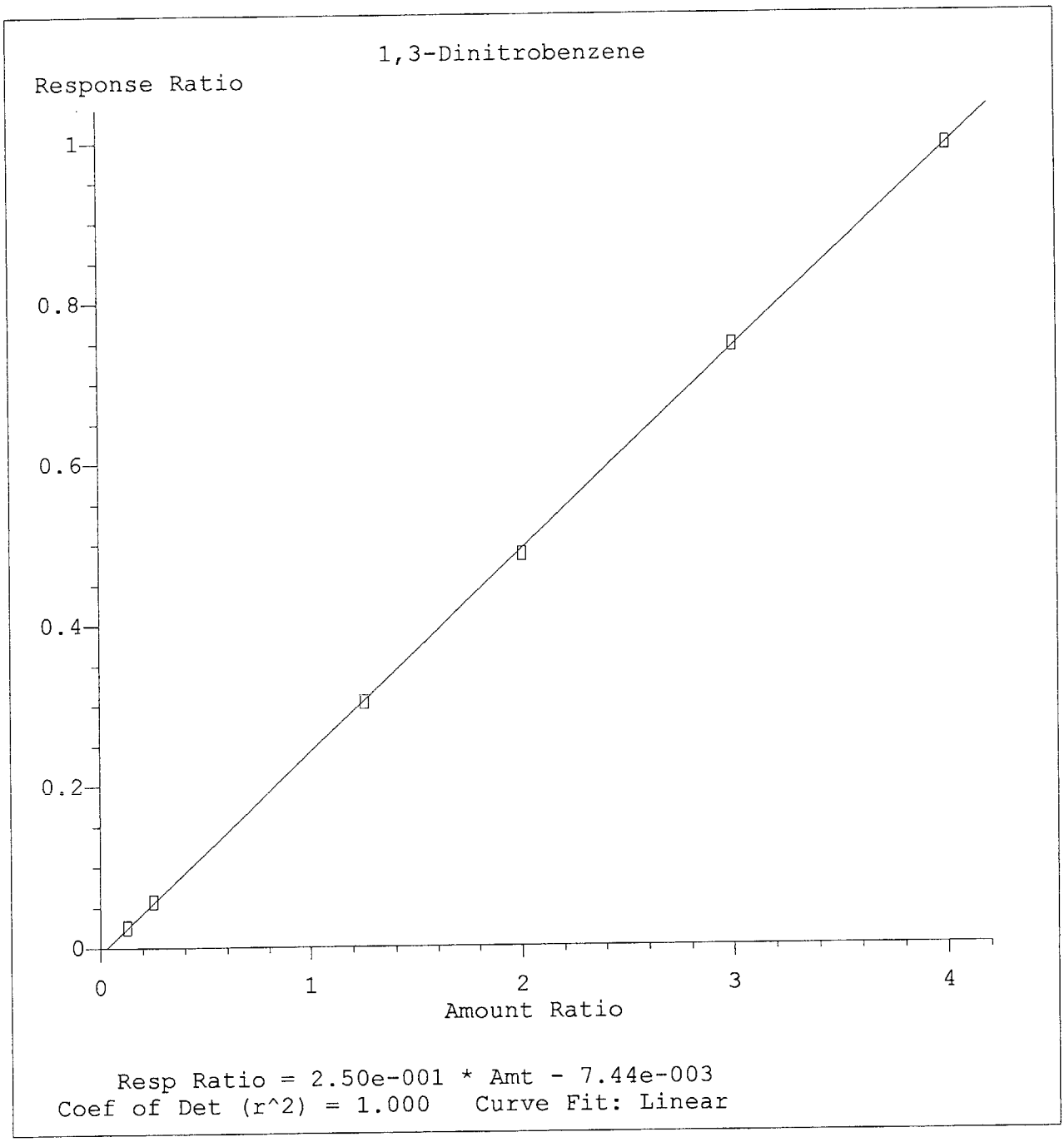
SSTD050A.D H7K07SV.M Wed Nov 07 15:17:53 2007



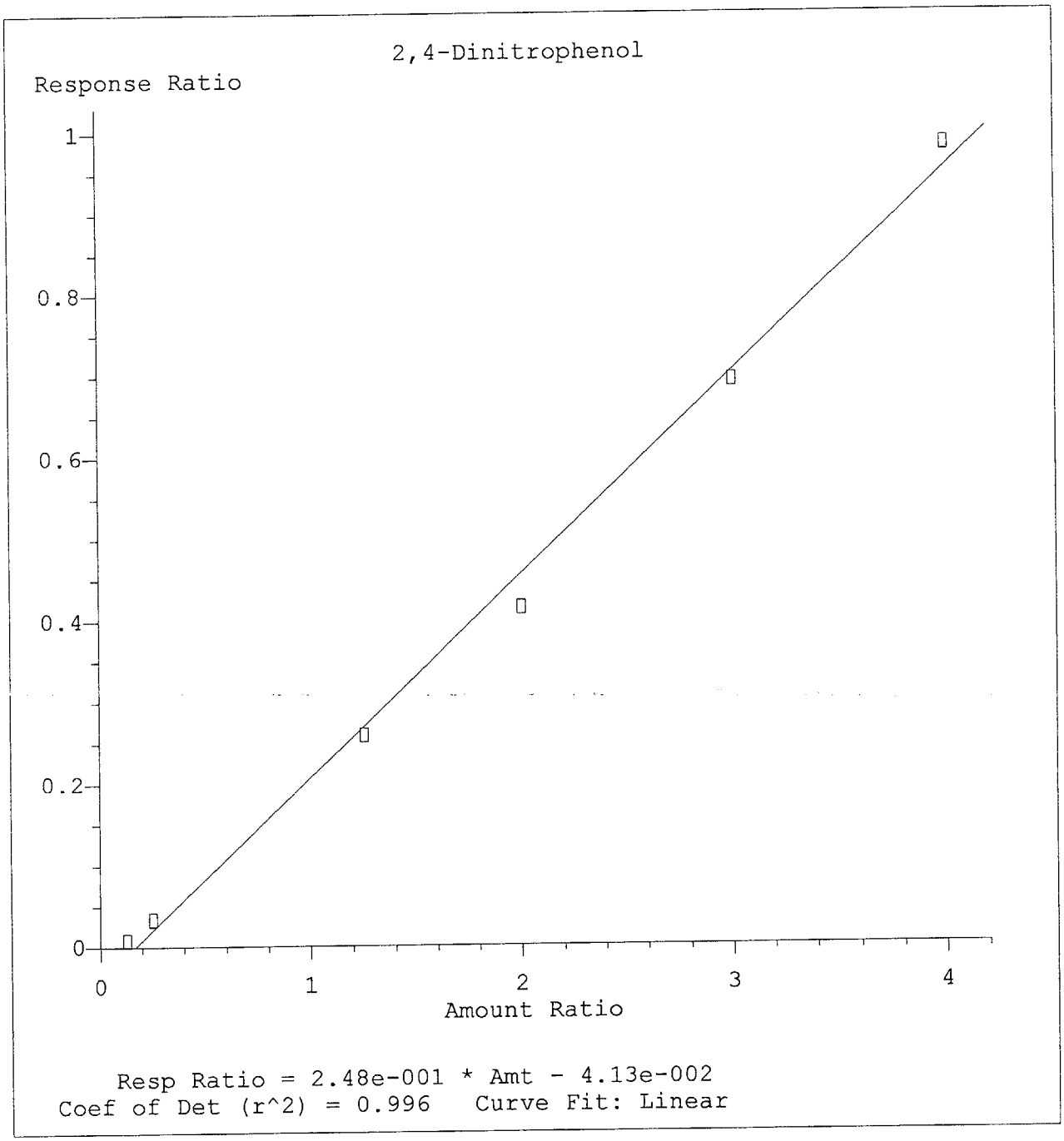
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



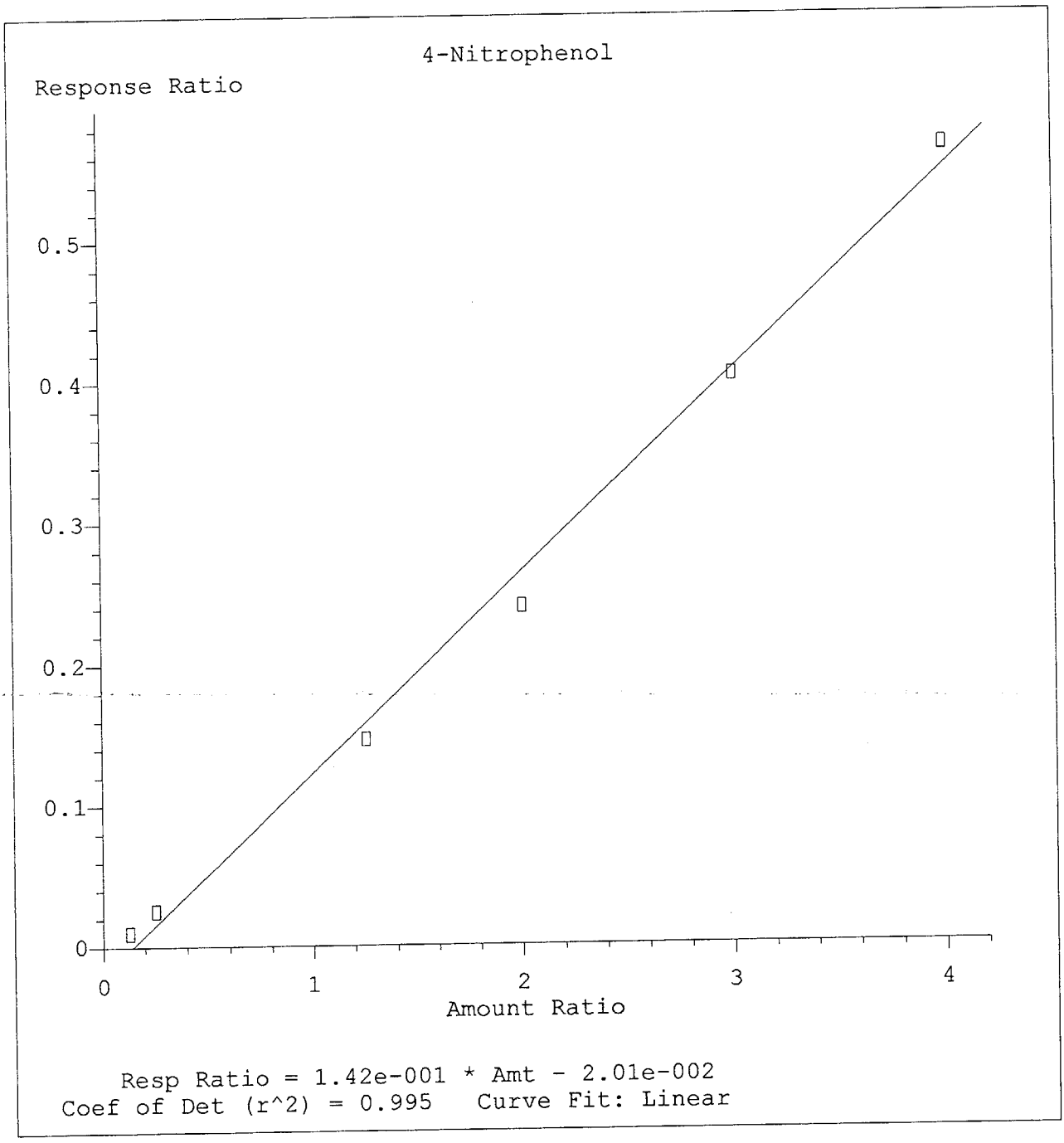
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007

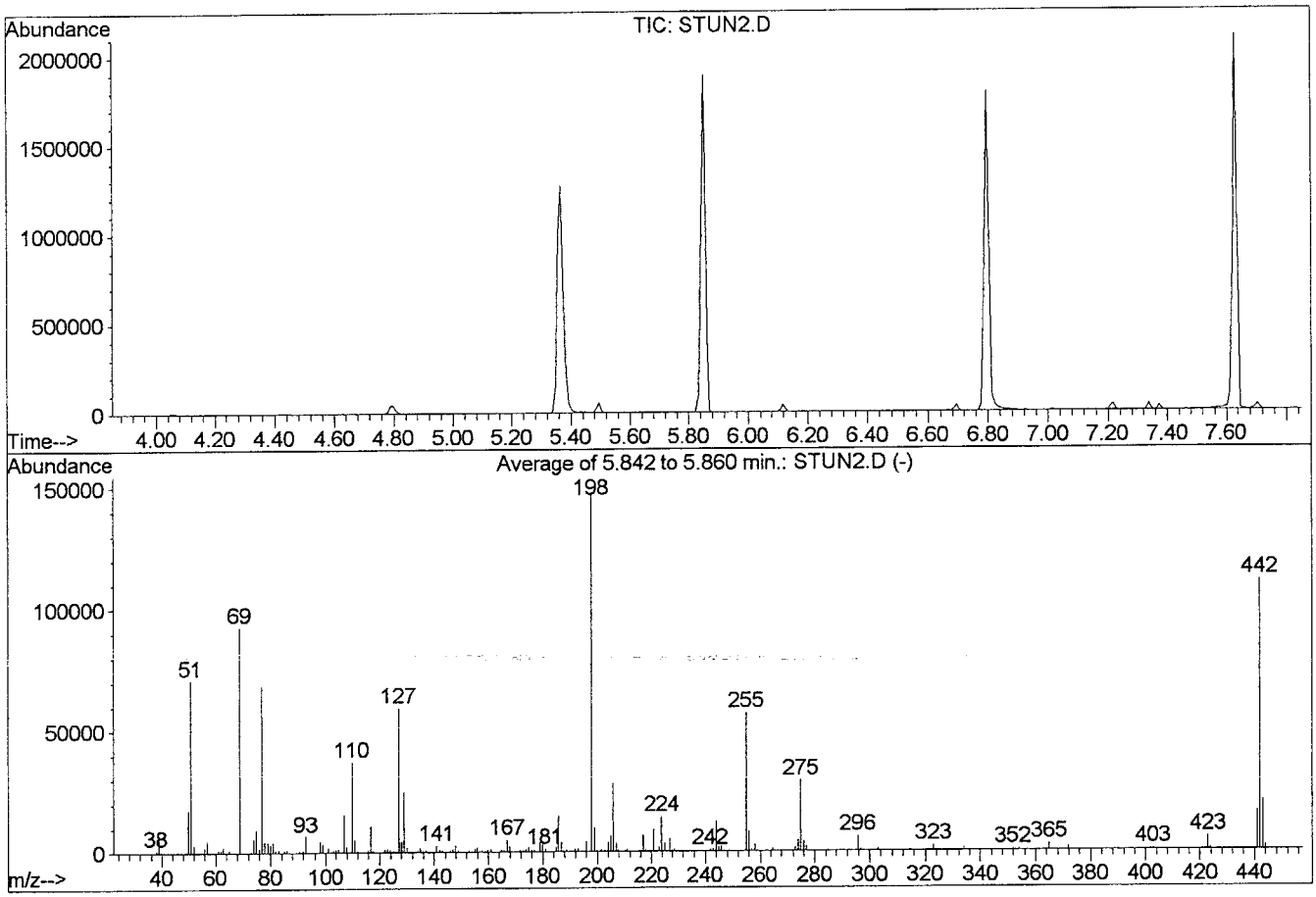


Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007

DFTPP

Data File : C:\GCMS8\DATA\07NOV07\STUN2.D
Acq On : 7 Nov 2007 12:39 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00



AutoFind: Scans 197, 198, 199; Background Corrected with Scan 193

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.1	70845	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	62.8	92614	PASS
70	69	0.00	2	0.4	366	PASS
127	198	40	60	40.3	59436	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	147373	PASS
199	198	5	9	6.6	9761	PASS
275	198	10	30	19.7	29089	PASS
365	198	1	100	1.8	2634	PASS
441	443	0.01	100	78.4	16103	PASS
442	198	40	100	75.2	110771	PASS
443	442	17	23	18.5	20545	PASS

STUN2.D DFTPP.M Wed Nov 07 12:50:20 2007

Average of 5.842 to 5.860 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	214	60.90	736	76.95	68674	90.85	899
37.90	937	61.90	907	77.90	4494	91.90	975
38.90	6631	62.90	2105	78.90	4293	92.85	6684
39.85	470	63.90	196	79.85	3149	93.85	247
43.90	177	64.95	1163	80.90	4341	97.95	4475
49.95	17338	68.85	92614	81.85	883	98.95	3332
50.95	70845	69.85	366	82.90	1020	99.80	181
51.95	3267	73.00	540	84.90	755	100.90	2018
54.95	371	73.95	5660	85.90	1112	102.90	840
55.95	2263	74.95	9387	86.80	231	103.90	1173
56.90	4995	76.05	1701	87.00	314	104.90	1253

Average of 5.842 to 5.860 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
106.90	15522	124.85	577	141.90	864	156.85	294
107.90	2428	126.90	59436	142.90	635	157.75	491
109.90	37256	127.90	4562	145.80	482	158.85	274
110.85	4972	128.90	24834	146.90	1123	159.80	737
111.90	539	129.90	1794	147.85	2626	160.90	1119
115.95	970	130.90	200	148.90	559	164.85	798
116.85	10837	133.85	514	151.00	243	165.85	645
117.85	701	134.85	1602	152.90	719	166.90	4997
121.90	1024	135.85	588	153.75	458	167.90	2147
122.80	1439	136.85	766	154.85	1394	168.80	223
123.80	800	140.90	2687	155.90	1957	171.80	478

Average of 5.842 to 5.860 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
172.85	563	187.90	262	203.95	3942	222.90	1536
173.90	1085	188.90	761	204.95	6624	223.95	14386
174.85	1785	190.90	284	205.95	28092	224.95	3437
175.85	593	191.90	1148	206.95	3587	225.95	229
176.85	918	192.85	1191	207.80	761	226.85	5125
178.85	3852	195.90	4195	210.60	269	227.85	633
179.85	2895	197.85	147373	210.85	959	228.80	982
180.95	1247	198.85	9761	215.90	360	230.90	261
184.95	1824	199.85	601	216.90	6717	233.90	275
185.90	14906	201.40	754	217.90	757	234.90	186
186.90	4009	202.85	654	220.85	9019	235.90	189

Average of 5.842 to 5.860 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
236.90	284	255.90	7959	284.85	221	332.95	189
240.85	187	256.90	606	292.85	285	333.85	1418
241.85	590	257.90	2769	295.80	6036	334.85	239
242.90	767	258.90	297	296.80	766	345.80	189
243.95	12288	264.80	1102	302.90	797	351.85	521
244.90	1618	272.85	1659	313.95	168	352.85	304
245.85	1883	273.90	4770	314.85	528	353.90	695
246.85	243	274.90	29089	315.90	194	364.85	2634
248.85	330	275.90	3835	322.90	2248	365.80	212
252.90	212	276.90	1919	323.90	231	371.85	1295
254.90	56843	277.90	176	326.75	210	401.80	521

Average of 5.842 to 5.860 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

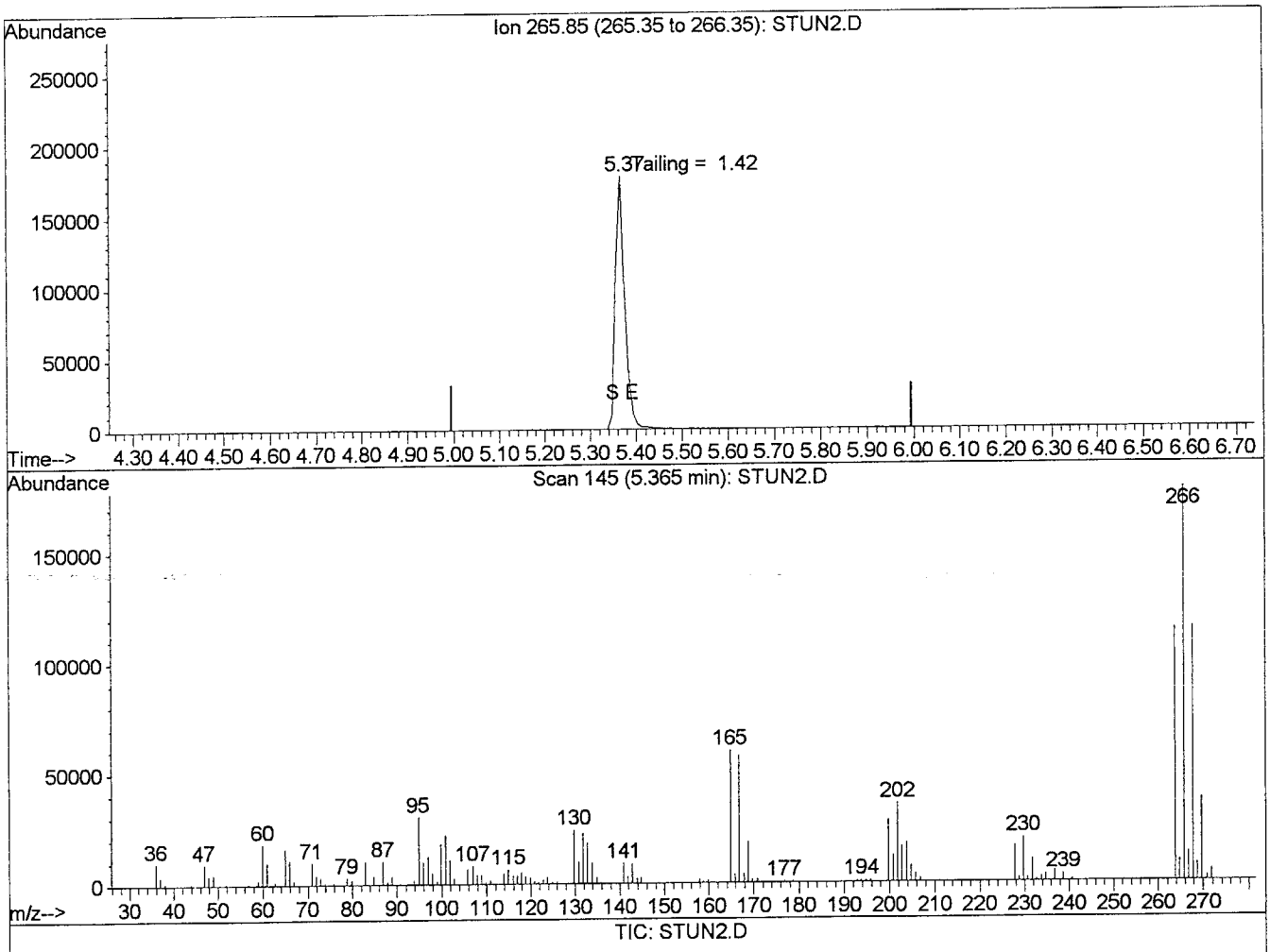
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
402.85	664						
403.80	234						
420.85	604						
421.95	573						
422.95	5596						
423.90	986						
440.95	16103						
441.95	110771						
442.95	20545						
443.95	1956						

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\STUN2.D
Acq On : 7 Nov 2007 12:39 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
Quant Time: Nov 7 12:50:18 2007 RTE Integrator

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration



(1) Pentachlorophenol

5.37min 59.92ug/ml

response 251646

Ion	Exp%	Act%
265.85	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

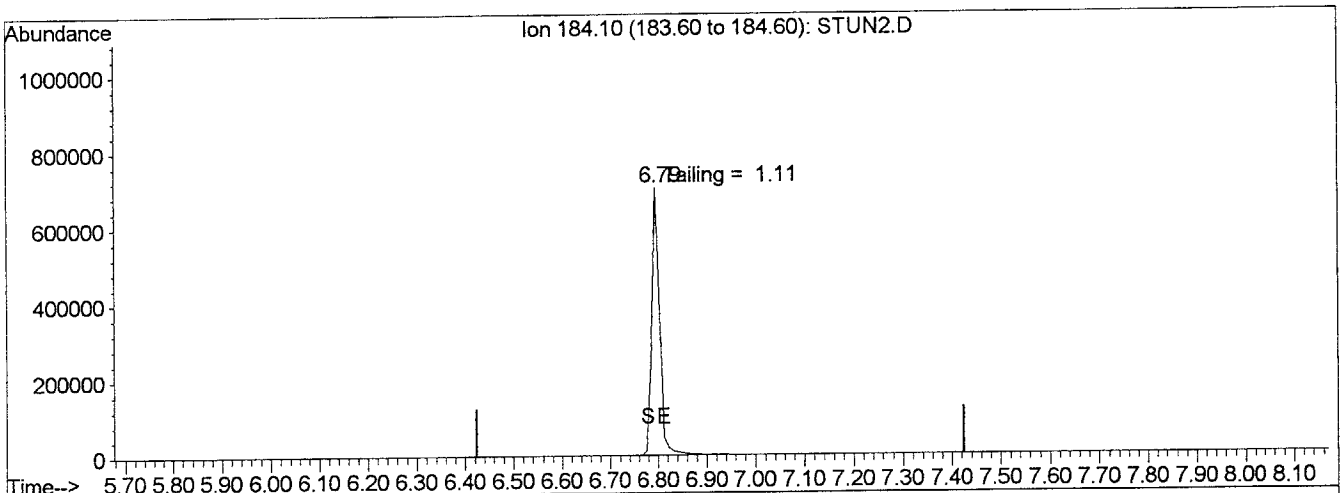
STUN2.D DFTPP.M Wed Nov 07 12:50:40 2007

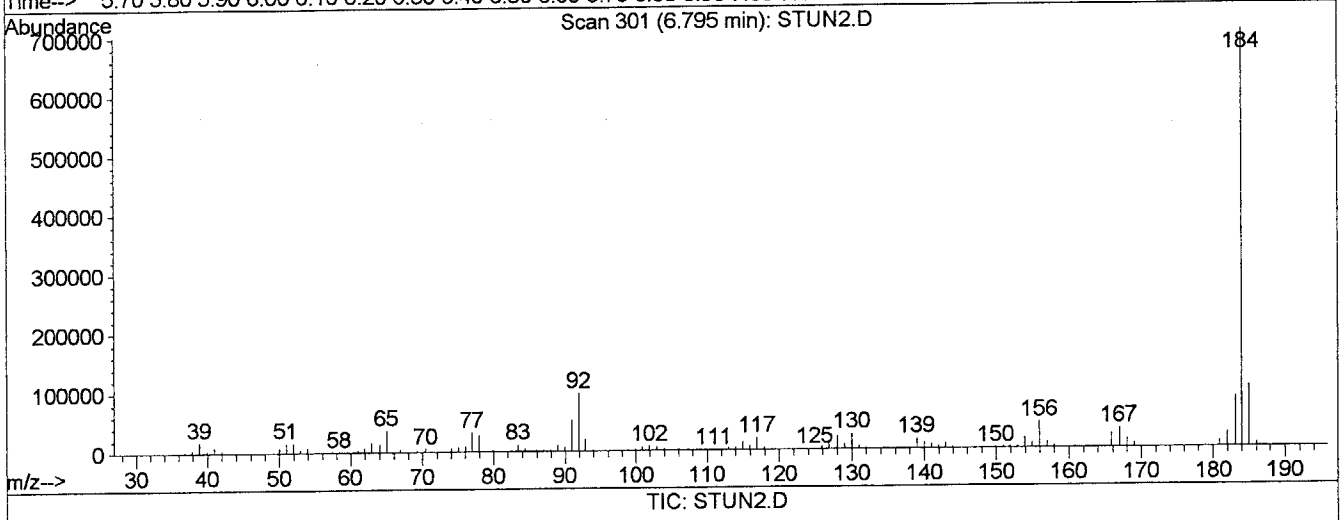
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\STUN2.D
Acq On : 7 Nov 2007 12:39 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
Quant Time: Nov 7 12:50:07 2007 RTE Integrator

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration





TIC: STUN2.D

(3) BENZIDINE

6.79min 75.78ug/ml

response 800851

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

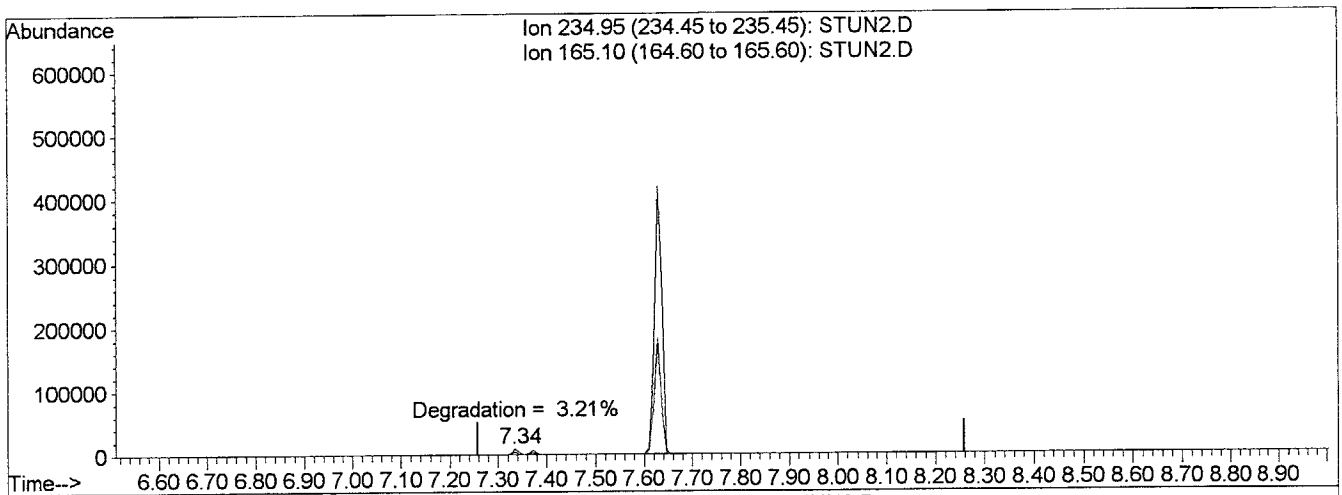
STUN2.D DFTPP.M Wed Nov 07 12:50:49 2007

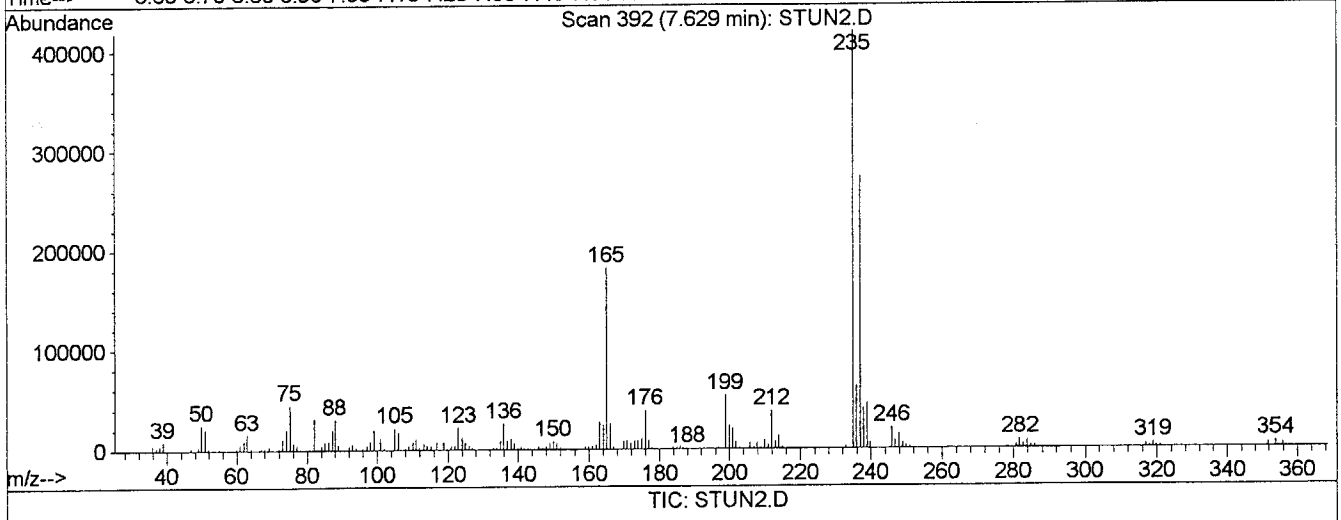
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\STUN2.D
Acq On : 7 Nov 2007 12:39 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
MS Integration Params: RTEINT.P

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration





TIC: STUN2.D

(4) DDT

7.63min 64.10ug/ml

response 451747

Ion	Exp%	Act%
234.95	100	100
165.10	44.30	39.49
0.00	0.00	0.00
0.00	0.00	0.00

STUN2.D DFTPP.M Wed Nov 07 12:50:58 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	450645	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1410180	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	716631	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1023639	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	762123	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	729242	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	845505	46.42	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 46.42%			
7) Phenol-d6 (SU)	6.93	99	1100281	47.45	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.45%			
21) Nitrobenzene-d5 (SU)	8.68	82	856568	51.12	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.24%			
40) 2-Fluorobiphenyl (SU)	12.86	172	1196691	48.76	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.52%			
62) 2,4,6-Tribromophenol (SU)	16.23	330	190276	58.68	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 58.68%			
74) Terphenyl-d14 (SU)	20.83	244	999791	49.15	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 98.30%			

Target Compounds						Qvalue
3) Pyridine	2.94	79	1218271	47.08	ppm	100
4) n-Nitrosodimethylamine	3.02	74	826066	46.61	ppm	100
5) bis(2-Chloroethyl)ether	7.01	93	981495	46.07	ppm	100
6) Aniline	6.84	93	1421758	48.36	ppm	100
8) Phenol	6.96	94	1172213	48.21	ppm	100
9) 2-Chlorophenol	7.05	128	793762	47.49	ppm	100
10) n-Decane	7.17	57	1464419	47.66	ppm	100
11) 1,3-Dichlorobenzene	7.29	146	768085	47.42	ppm	100
12) 1,4-Dichlorobenzene	7.41	146	954195	50.67	ppm	100
13) 1,2-Dichlorobenzene	7.80	146	818810	49.41	ppm	100
14) Benzyl alcohol	7.84	108	512613	49.12	ppm	100
15) bis(2-chloroisopropyl)ethe	8.17	45	2208967	47.36	ppm	100
16) 2-Methylphenol	8.20	107	611003	48.38	ppm	100
17) Hexachloroethane	8.44	117	339305	49.05	ppm	100
18) N-Nitroso-di-n-propylamine	8.52	70	690292	47.69	ppm	100
19) 4-Methylphenol	8.55	107	840962	49.15	ppm	100
22) Nitrobenzene	8.73	77	876539	50.92	ppm	100
23) Isophorone	9.30	82	1630660	49.65	ppm	100
24) 2-Nitrophenol	9.44	139	455010	52.62	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) 2,4-Dimethylphenol	9.71	122	627366	48.95 ppm	100
26) bis(2-Chloroethoxy)methane	9.89	93	1000842	49.94 ppm	100
27) 2,4-Dichlorophenol	10.04	162	593515	55.05 ppm	100
28) 1,2,4-Trichlorobenzene	10.15	180	609644	52.53 ppm	100
29) Benzoic Acid	10.30	122	310805	40.86 ppm	100
30) Naphthalene	10.27	128	1717822	49.21 ppm	100
31) 4-Chloroaniline	10.53	127	786963	51.89 ppm	100
32) Hexachlorobutadiene	10.74	225	314714	61.19 ppm	100
33) 4-Chloro-3-methylphenol	11.81	107	549949	52.52 ppm	100
34) 2-Methylnaphthalene	11.87	141	1000191	50.84 ppm	100
35) 2,3-Dichloroaniline	12.66	161	621126	54.60 ppm	100
37) Hexachlorocyclopentadiene	12.43	237	229736	56.57 ppm	100
38) 2,4,6-Trichlorophenol	12.68	196	383129	56.12 ppm	100
39) 2,4,5-Trichlorophenol	12.78	196	419796	57.79 ppm	100
41) 2-Chloronaphthalene	13.00	162	1032912	49.96 ppm	100
42) 2-Nitroaniline	13.42	65	435248	48.64 ppm	100
43) 1,3-Dinitrobenzene	13.98	168	217761	51.86 ppm	100
44) Acenaphthylene	13.96	152	1514515	50.66 ppm	100
45) Dimethylphthalate	14.02	163	1200139	50.46 ppm	100
46) 2,6-Dinitrotoluene	14.13	165	320699	53.79 ppm	100
47) Acenaphthene	14.42	154	935537	48.60 ppm	100
48) 3-Nitroaniline	14.42	138	312466	55.09 ppm	100
49) 2,4-Dinitrophenol	14.65	184	185717	49.71 ppm	100
50) Dibenzofuran	14.79	168	1403654	52.11 ppm	100
51) 2,4-Dinitrotoluene	15.02	165	402165	57.50 ppm	100
52) 4-Nitrophenol	15.01	109	104899	55.74 ppm	100
53) Fluorene	15.60	166	1132363	52.47 ppm	100
54) 4-Chlorophenyl-phenylether	15.69	204	563311	54.81 ppm	100
55) Diethylphthalate	15.70	149	1082181	49.54 ppm	100
56) Azobenzene	16.05	77	1510521	50.85 ppm	100
57) 4-Nitroaniline	15.91	138	287353	57.93 ppm	100
58) n-Octadecane	17.85	57	1128501	57.29 ppm	100
60) 4,6-Dinitro-2-methylphenol	15.97	198	255607	50.92 ppm	100
61) n-Nitrosodiphenylamine	16.03	169	732532	47.34 ppm	100
63) 4-Bromophenyl-phenylether	16.82	248	336048	52.61 ppm	100
64) Hexachlorobenzene	17.08	284	375459	55.49 ppm	100
65) Pentachlorophenol	17.57	266	230334	57.44 ppm	100
66) Phenanthrene	17.83	178	1400853	48.32 ppm	100
67) Anthracene	17.93	178	1375210	47.49 ppm	100
68) Carbazole	18.38	167	1137835	50.64 ppm	100
69) Di-n-butylphthalate	19.34	149	2035296	50.25 ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.14	202	1510503	56.42	ppm	100
72) Pyrene	20.48	202	1495824	44.93	ppm	100
73) 2,2'-Dichlorobenzil	20.70	139	1134151	46.18	ppm	100
75) Benzidine	20.44	184	476115	49.28	ppm	100
76) Butylbenzylphthalate	21.63	149	850275	48.54	ppm	100
77) 3,3'-Dichlorobenzidine	22.31	252	434855	61.50	ppm	100
78) Benzo[a]anthracene	22.27	228	1225739	51.54	ppm	100
79) Chrysene	22.35	228	1060314	48.58	ppm	100
80) bis(2-Ethylhexyl)phthalate	22.57	149	1034761	47.68	ppm	100
81) Di-n-octylphthalate	23.72	149	1504136	53.25	ppm	100
83) Benzo[b]fluoranthene	24.34	252	1217101	47.47	ppm	100
84) Benzo[k]fluoranthene	24.42	252	1098498	46.93	ppm	100
85) Benzo[a]pyrene	25.13	252	1068325	50.74	ppm	100
86) Indeno[1,2,3-cd]pyrene	27.73	276	1055676	58.32	ppm	100
87) Dibenz[a,h]anthracene	27.82	278	1116116	61.16	ppm	100
88) Benzo[g,h,i]perylene	28.32	276	1107939	59.33	ppm	100

(#) = qualifier out of range (m) = manual integration

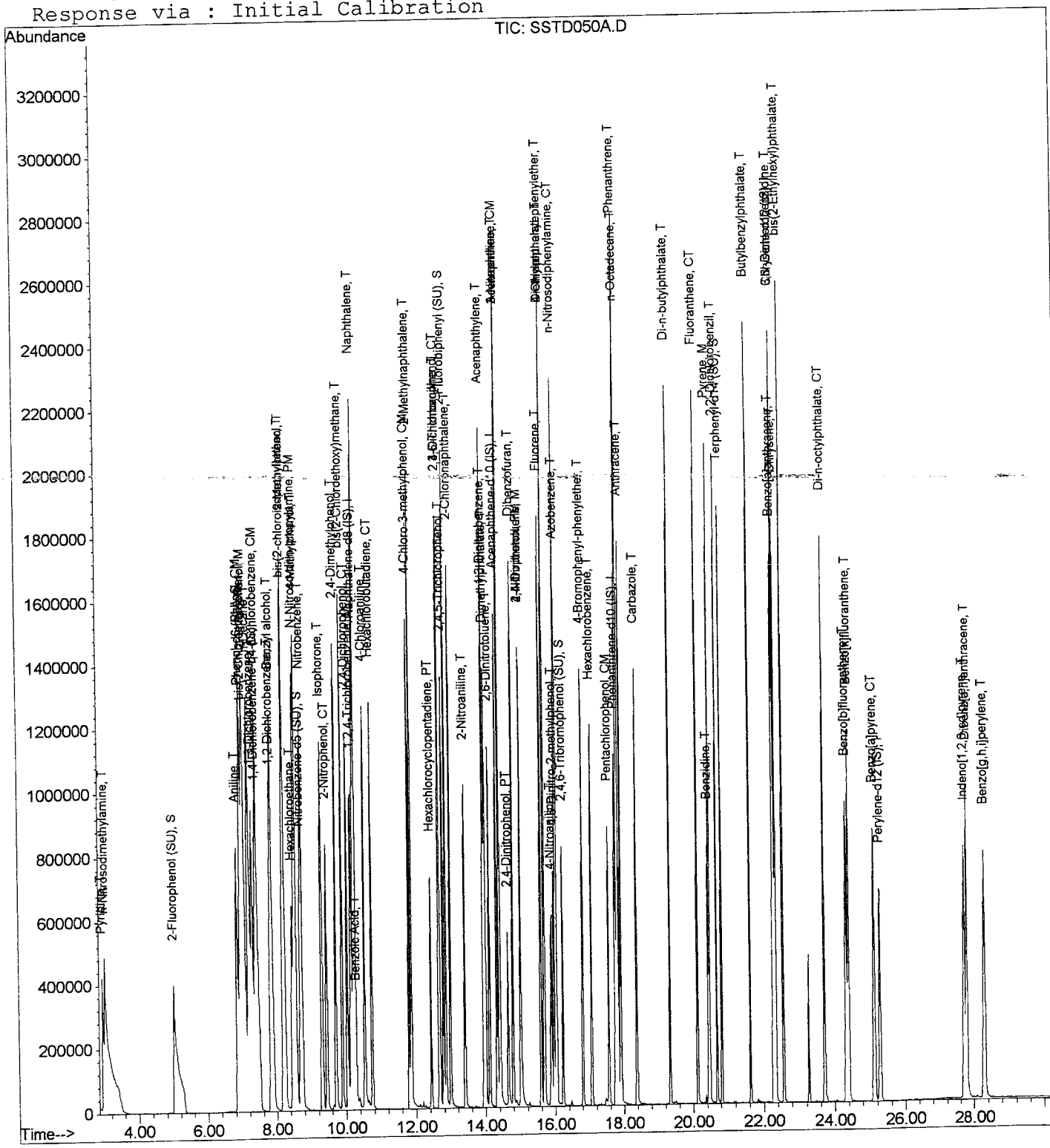
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	450645	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1410180	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	716631	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1023639	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	762123	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	729242	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	845505	46.42	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 46.42%			
7) Phenol-d6 (SU)	6.93	99	1100281	47.45	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.45%			
21) Nitrobenzene-d5 (SU)	8.68	82	856568	51.12	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.24%			
40) 2-Fluorobiphenyl (SU)	12.86	172	1196691	48.76	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.52%			
62) 2,4,6-Tribromophenol (SU)	16.23	330	190276	58.68	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 58.68%			
74) Terphenyl-d14 (SU)	20.83	244	999791	49.15	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 98.30%			

Target Compounds						Qvalue
3) Pyridine	2.94	79	1218271	47.08	ppm	100
4) n-Nitrosodimethylamine	3.02	74	826066	46.61	ppm	100
5) bis(2-Chloroethyl)ether	7.01	93	981495	46.07	ppm	100
6) Aniline	6.84	93	1421758	48.36	ppm	100
8) Phenol	6.96	94	1172213	48.21	ppm	100
9) 2-Chlorophenol	7.05	128	793762	47.49	ppm	100
10) n-Decane	7.17	57	1464419	47.66	ppm	100
11) 1,3-Dichlorobenzene	7.29	146	768085	47.42	ppm	100
12) 1,4-Dichlorobenzene	7.41	146	954195	50.67	ppm	100
13) 1,2-Dichlorobenzene	7.80	146	818810	49.41	ppm	100
14) Benzyl alcohol	7.84	108	512613	49.12	ppm	100
15) bis(2-chloroisopropyl)ethe	8.17	45	2208967	47.36	ppm	100
16) 2-Methylphenol	8.20	107	611003	48.38	ppm	100
17) Hexachloroethane	8.44	117	339305	49.05	ppm	100
18) N-Nitroso-di-n-propylamine	8.52	70	690292	47.69	ppm	100
19) 4-Methylphenol	8.55	107	840962	49.15	ppm	100
22) Nitrobenzene	8.73	77	876539	50.92	ppm	100
23) Isophorone	9.30	82	1630660	49.65	ppm	100
24) 2-Nitrophenol	9.44	139	455010	52.62	ppm	100

(#) = qualifier out of range (m) = manual integration
SSTD050A.D H7K07SV.M Wed Nov 07 15:02:35 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25) 2,4-Dimethylphenol	9.71	122	627366	48.95	ppm	100
26) bis(2-Chloroethoxy)methane	9.89	93	1000842	49.94	ppm	100
27) 2,4-Dichlorophenol	10.04	162	593515	55.05	ppm	100
28) 1,2,4-Trichlorobenzene	10.15	180	609644	52.53	ppm	100
29) Benzoic Acid	10.30	122	310805	40.86	ppm	100
30) Naphthalene	10.27	128	1717822	49.21	ppm	100
31) 4-Chloroaniline	10.53	127	786963	51.89	ppm	100
32) Hexachlorobutadiene	10.74	225	314714	61.19	ppm	100
33) 4-Chloro-3-methylphenol	11.81	107	549949	52.52	ppm	100
34) 2-Methylnaphthalene	11.87	141	1000191	50.84	ppm	100
35) 2,3-Dichloroaniline	12.66	161	621126	54.60	ppm	100
37) Hexachlorocyclopentadiene	12.43	237	229736	56.57	ppm	100
38) 2,4,6-Trichlorophenol	12.68	196	383129	56.12	ppm	100
39) 2,4,5-Trichlorophenol	12.78	196	419796	57.79	ppm	100
41) 2-Chloronaphthalene	13.00	162	1032912	49.96	ppm	100
42) 2-Nitroaniline	13.42	65	435248	48.64	ppm	100
43) 1,3-Dinitrobenzene	13.98	168	217761	51.86	ppm	100
44) Acenaphthylene	13.96	152	1514515	50.66	ppm	100
45) Dimethylphthalate	14.02	163	1200139	50.46	ppm	100
46) 2,6-Dinitrotoluene	14.13	165	320699	53.79	ppm	100
47) Acenaphthene	14.42	154	935537	48.60	ppm	100
48) 3-Nitroaniline	14.42	138	312466	55.09	ppm	100
49) 2,4-Dinitrophenol	14.65	184	185717	49.71	ppm	100
50) Dibenzofuran	14.79	168	1403654	52.11	ppm	100
51) 2,4-Dinitrotoluene	15.02	165	402165	57.50	ppm	100
52) 4-Nitrophenol	15.01	109	104899	55.74	ppm	100
53) Fluorene	15.60	166	1132363	52.47	ppm	100
54) 4-Chlorophenyl-phenylether	15.69	204	563311	54.81	ppm	100
55) Diethylphthalate	15.70	149	1082181	49.54	ppm	100
56) Azobenzene	16.05	77	1510521	50.85	ppm	100
57) 4-Nitroaniline	15.91	138	287353	57.93	ppm	100
58) n-Octadecane	17.85	57	1128501	57.29	ppm	100
60) 4,6-Dinitro-2-methylphenol	15.97	198	255607	50.92	ppm	100
61) n-Nitrosodiphenylamine	16.03	169	732532	47.34	ppm	100
63) 4-Bromophenyl-phenylether	16.82	248	336048	52.61	ppm	100
64) Hexachlorobenzene	17.08	284	375459	55.49	ppm	100
65) Pentachlorophenol	17.57	266	230334	57.44	ppm	100
66) Phenanthrene	17.83	178	1400853	48.32	ppm	100
67) Anthracene	17.93	178	1375210	47.49	ppm	100
68) Carbazole	18.38	167	1137835	50.64	ppm	100
69) Di-n-butylphthalate	19.34	149	2035296	50.25	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.14	202	1510503	56.42 ppm	100
72) Pyrene	20.48	202	1495824	44.93 ppm	100
73) 2,2'-Dichlorobenzil	20.70	139	1134151	46.18 ppm	100
75) Benzidine	20.44	184	476115	49.28 ppm	100
76) Butylbenzylphthalate	21.63	149	850275	48.54 ppm	100
77) 3,3'-Dichlorobenzidine	22.31	252	434855	61.50 ppm	100
78) Benzo[a]anthracene	22.27	228	1225739	51.54 ppm	100
79) Chrysene	22.35	228	1060314	48.58 ppm	100
80) bis(2-Ethylhexyl)phthalate	22.57	149	1034761	47.68 ppm	100
81) Di-n-octylphthalate	23.72	149	1504136	53.25 ppm	100
83) Benzo[b]fluoranthene	24.34	252	1217101	47.47 ppm	100
84) Benzo[k]fluoranthene	24.42	252	1098498	46.93 ppm	100
85) Benzo[a]pyrene	25.13	252	1068325	50.74 ppm	100
86) Indeno[1,2,3-cd]pyrene	27.73	276	1055676	58.32 ppm	100
87) Dibenz[a,h]anthracene	27.62	278	1116116	61.16 ppm	100
88) Benzo[g,h,i]perylene	28.32	276	1107939	59.33 ppm	100

(#) = qualifier out of range (m) = manual integration

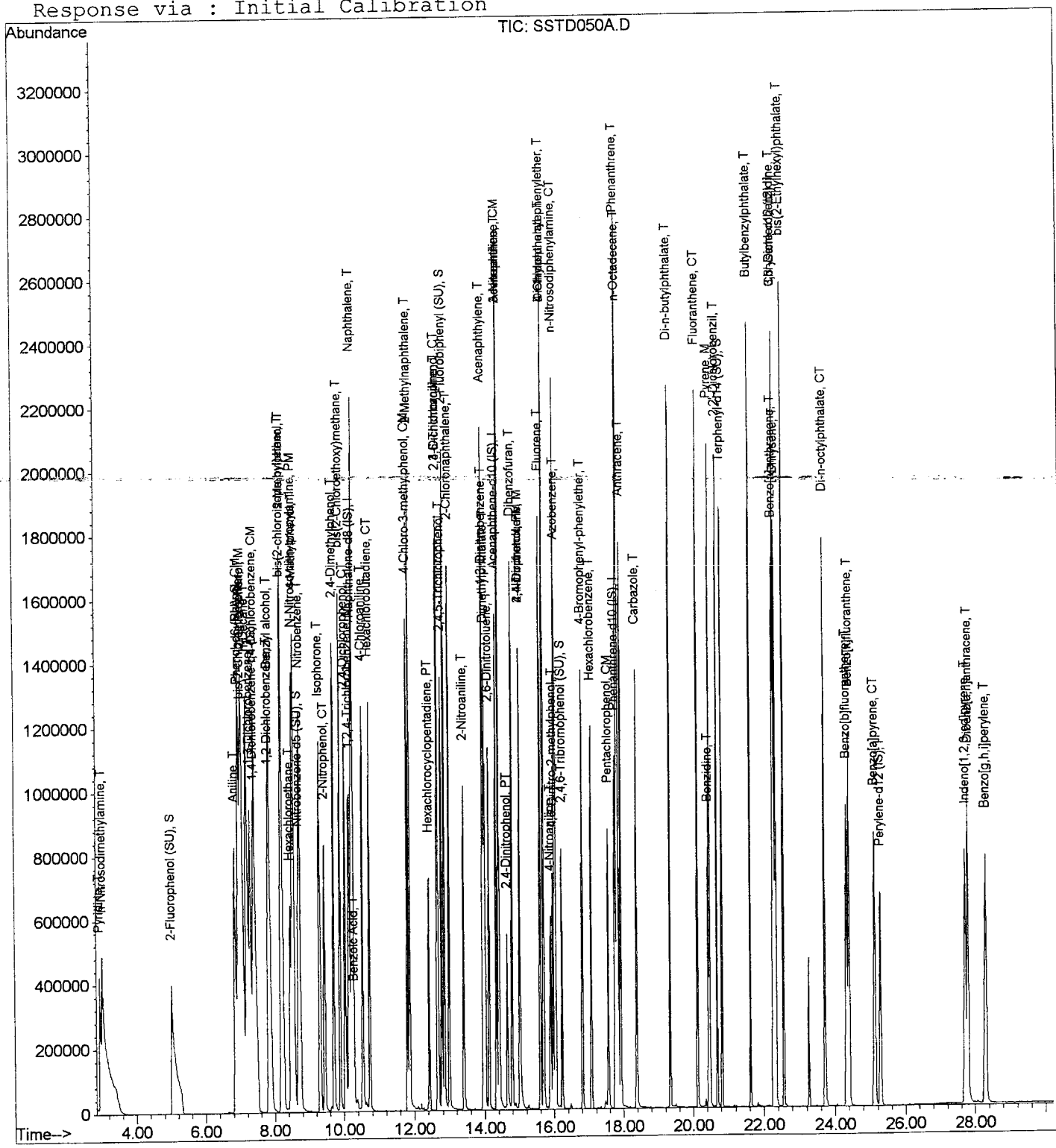
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD050A.D
Acq On : 7 Nov 2007 12:54 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:16 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	557756	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.21	136	1766256	40.00	ppm	-0.01
36) Acenaphthene-d10 (IS)	14.33	164	905777	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1229263	40.00	ppm	-0.01
71) Chrysene-d12 (IS)	22.29	240	912756	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.26	264	781863	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	96716	4.29	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 4.29%#			
7) Phenol-d6 (SU)	6.92	99	134902	4.70	ppm	-0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 4.70%#			
21) Nitrobenzene-d5 (SU)	8.67	82	103386	4.93	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.86%#			
40) 2-Fluorobiphenyl (SU)	12.83	172	168739	5.44	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 10.88%#			
62) 2,4,6-Tribromophenol (SU)	16.20	330	19313	5.22	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 5.22%#			
74) Terphenyl-d14 (SU)	20.81	244	121543	4.99	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 9.98%#			
Target Compounds						Qvalue
3) Pyridine	2.97	79	141545	4.42	ppm	# 83
4) n-Nitrosodimethylamine	3.05	74	97010	4.42	ppm	# 85
5) bis(2-Chloroethyl)ether	7.00	93	130076	4.93	ppm	90
6) Aniline	6.84	93	164635	4.52	ppm	98
8) Phenol	6.95	94	144895	4.81	ppm	97
9) 2-Chlorophenol	7.04	128	96129	4.65	ppm	99
10) n-Decane	7.17	57	183340	4.82	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	94066	4.69	ppm	95
12) 1,4-Dichlorobenzene	7.39	146	123388m	5.29	ppm	
13) 1,2-Dichlorobenzene	7.80	146	101882	4.97	ppm	99
14) Benzyl alcohol	7.83	108	59067	4.57	ppm	96
15) bis(2-chloroisopropyl)ethe	8.16	45	280846	4.87	ppm	99
16) 2-Methylphenol	8.19	107	75379	4.82	ppm	96
17) Hexachloroethane	8.44	117	39760	4.64	ppm	99
18) N-Nitroso-di-n-propylamine	8.48	70	85634	4.78	ppm	98
19) 4-Methylphenol	8.53	107	105371	4.98	ppm	97
22) Nitrobenzene	8.70	77	109998	5.10	ppm	98
23) Isophorone	9.26	82	199646	4.85	ppm	100
24) 2-Nitrophenol	9.43	139	48407	4.47	ppm	98

(#) = qualifier out of range (m) = manual integration
SSTD005.D H7K07SV.M Wed Nov 07 15:17:10 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:16 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.69	122	77298	4.82	ppm		99
26) bis(2-Chloroethoxy)methane	9.87	93	125698	5.01	ppm		98
27) 2,4-Dichlorophenol	10.02	162	72267	5.35	ppm		96
28) 1,2,4-Trichlorobenzene	10.13	180	79685	5.48	ppm		98
29) Benzoic Acid	10.05	122	10422	8.68	ppm		90
30) Naphthalene	10.24	128	229841	5.26	ppm		99
31) 4-Chloroaniline	10.52	127	96566	5.08	ppm		98
32) Hexachlorobutadiene	10.73	225	39216	6.09	ppm		98
33) 4-Chloro-3-methylphenol	11.79	107	63666	4.85	ppm		93
34) 2-Methylnaphthalene	11.86	141	130590	5.30	ppm		96
35) 2,3-Dichloroaniline	12.65	161	81203	5.70	ppm		98
37) Hexachlorocyclopentadiene	12.42	237	19350	6.40	ppm		97
38) 2,4,6-Trichlorophenol	12.66	196	45830	5.31	ppm		98
39) 2,4,5-Trichlorophenol	12.76	196	48529	5.29	ppm		98
41) 2-Chloronaphthalene	12.98	162	139059	5.32	ppm		99
42) 2-Nitroaniline	13.38	65	46928	7.45	ppm		98
43) 1,3-Dinitrobenzene	13.95	168	22825	5.76	ppm	#	83
44) Acenaphthylene	13.94	152	195779	5.18	ppm		99
45) Dimethylphthalate	13.97	163	159955	5.32	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	37403	4.96	ppm		100
47) Acenaphthene	14.39	154	126467	5.20	ppm		99
48) 3-Nitroaniline	14.38	138	36464	5.09	ppm		96
49) 2,4-Dinitrophenol	14.62	184	7335	7.67	ppm		88
50) Dibenzofuran	14.76	168	186579	5.48	ppm		100
51) 2,4-Dinitrotoluene	14.98	165	46569	5.27	ppm		95
52) 4-Nitrophenol	14.99	109	8770	4.81	ppm	#	87
53) Fluorene	15.57	166	148190	5.43	ppm		99
54) 4-Chlorophenyl-phenylether	15.67	204	75268	5.79	ppm		98
55) Diethylphthalate	15.66	149	153313	5.55	ppm		100
56) Azobenzene	16.02	77	205719	5.48	ppm		98
57) 4-Nitroaniline	15.83	138	32562	4.27	ppm		97
58) n-Octadecane	17.83	57	160911	3.65	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.91	198	20401	5.32	ppm		93
61) n-Nitrosodiphenylamine	15.99	169	97611	5.25	ppm		100
63) 4-Bromophenyl-phenylether	16.80	248	41819	5.45	ppm		97
64) Hexachlorobenzene	17.04	284	47236	5.81	ppm		98
65) Pentachlorophenol	17.54	266	15390	3.20	ppm		97
66) Phenanthrene	17.80	178	188498	5.41	ppm		99
67) Anthracene	17.90	178	189154	5.44	ppm		99
68) Carbazole	18.35	167	159842	5.92	ppm		98
69) Di-n-butylphthalate	19.33	149	265104	5.45	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:16 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70) Fluoranthene	20.11	202	189801	5.90	ppm		99
72) Pyrene	20.45	202	197144	4.94	ppm		98
73) 2,2'-Dichlorobenzil	20.67	139	130270	4.43	ppm		97
75) Benzidine	20.43	184	56886	6.27	ppm		96
76) Butylbenzylphthalate	21.62	149	101543	4.84	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	48261	5.70	ppm		98
78) Benzo[a]anthracene	22.25	228	146351	5.14	ppm		99
79) Chrysene	22.32	228	137567	5.26	ppm		99
80) bis(2-Ethylhexyl)phthalate	22.54	149	131967	5.08	ppm		98
81) Di-n-octylphthalate	23.70	149	165941	4.91	ppm	#	99
83) Benzo[b]fluoranthene	24.29	252	125294m	4.56	ppm		
84) Benzo[k]fluoranthene	24.35	252	135834	5.41	ppm		97
85) Benzo[a]pyrene	25.07	252	111480	4.94	ppm		99
86) Indeno[1,2,3-cd]pyrene	27.67	276	96658	4.98	ppm		97
87) Dibenz[a,h]anthracene	27.75	278	102342	5.23	ppm		98
88) Benzo[g,h,i]perylene	28.23	276	108982	5.44	ppm		96

(#) = qualifier out of range (m) = manual integration

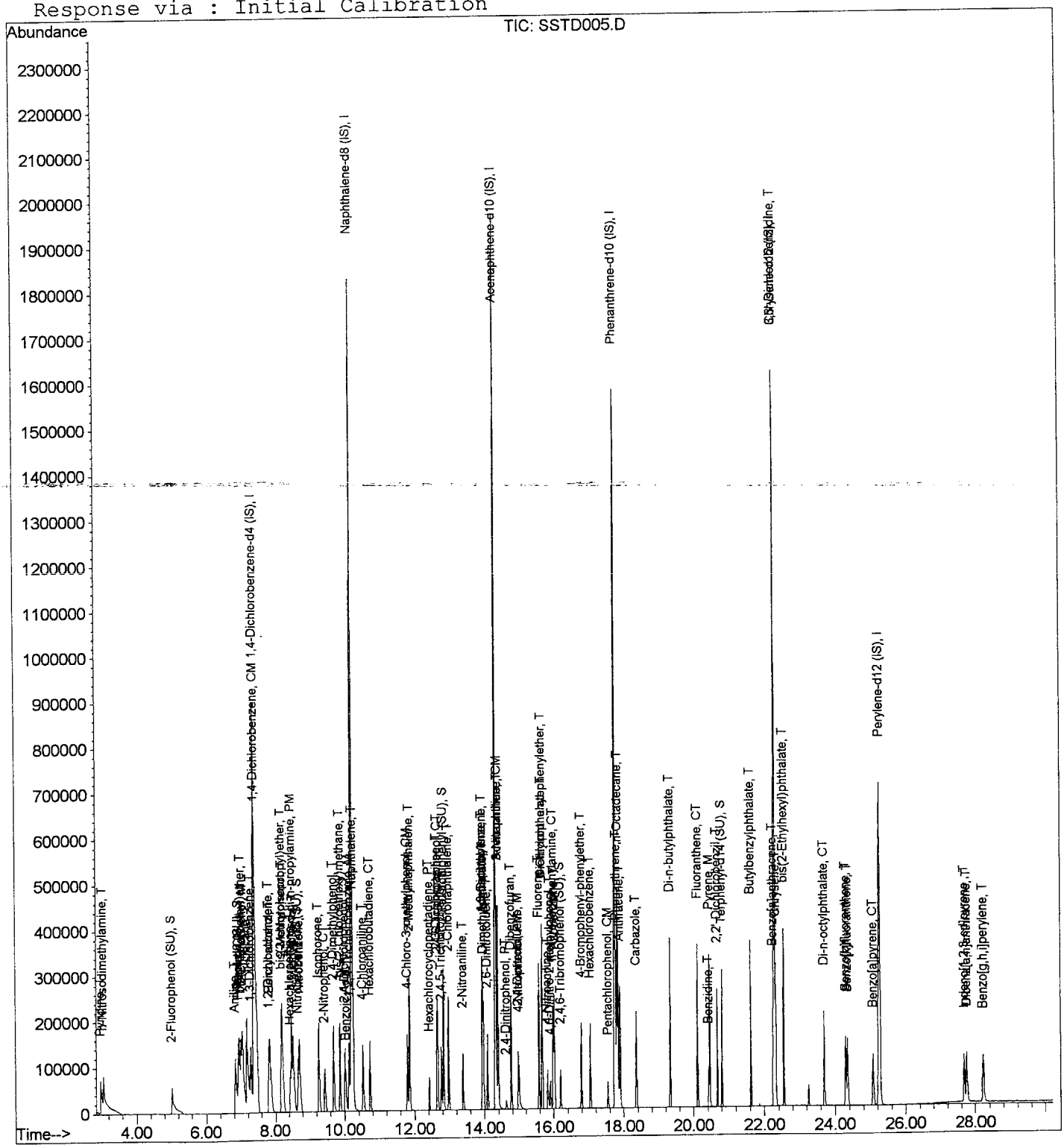
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:16 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

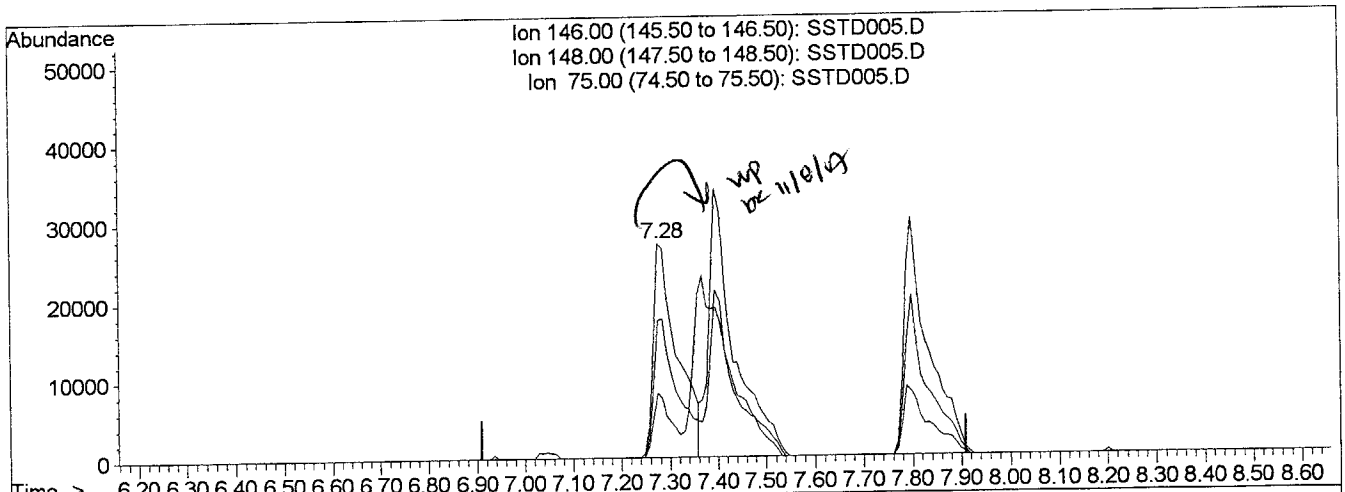


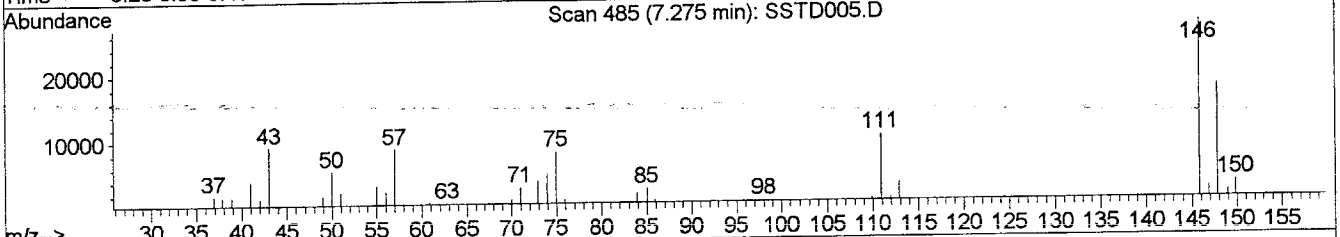
Quantitation Report

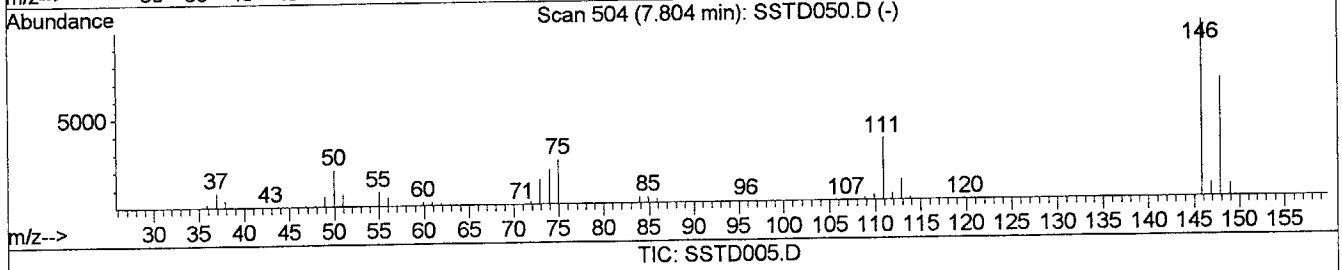
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
Quantitation Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration







TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

7.28min 4.04ppm

response 94066

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	66.04
75.00	40.20	22.66
0.00	0.00	0.00

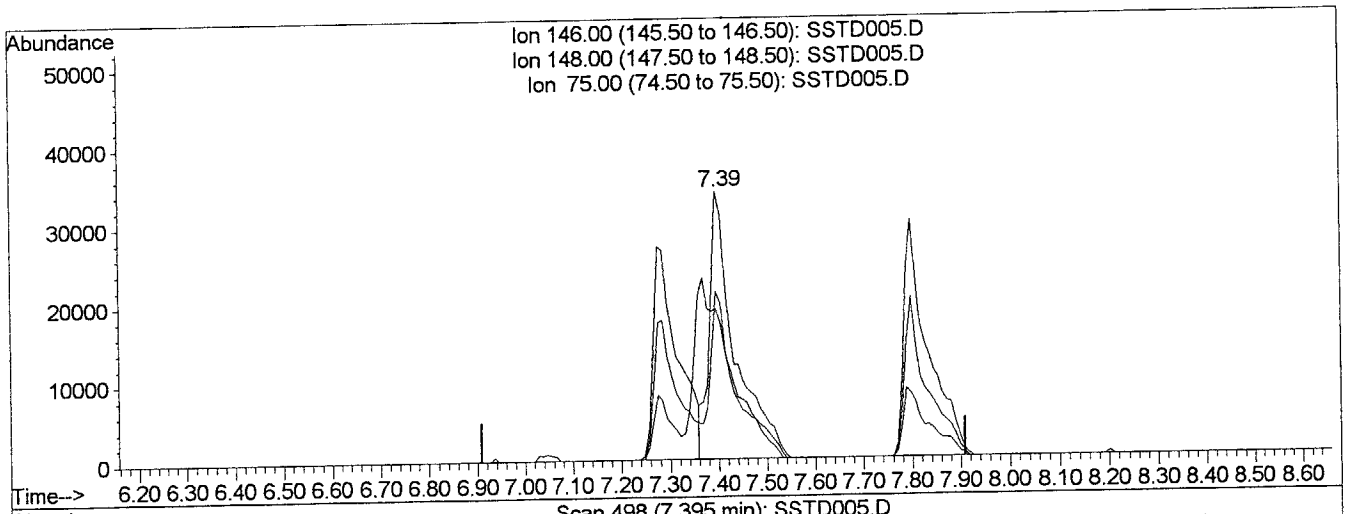
SSTD005.D H7K07SV.M Wed Nov 07 15:16:07 2007

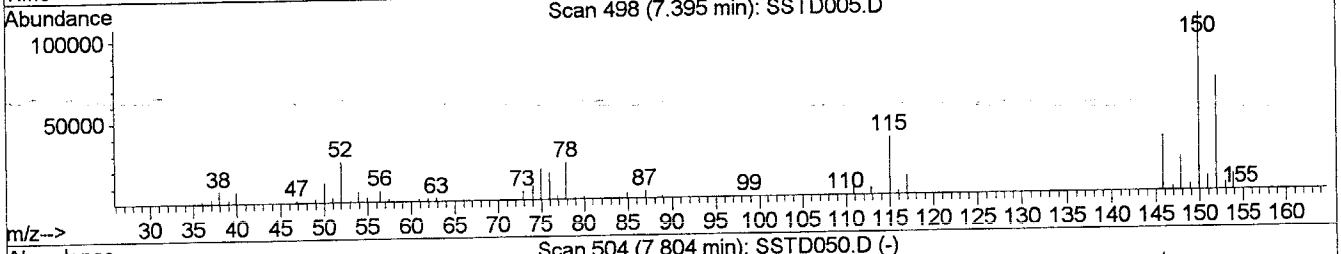
Quantitation Report

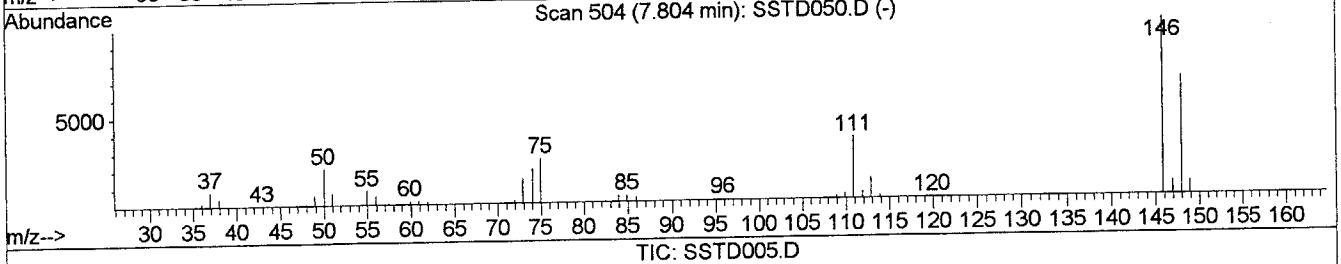
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration







TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

7.39min 5.29ppm m

response 123388

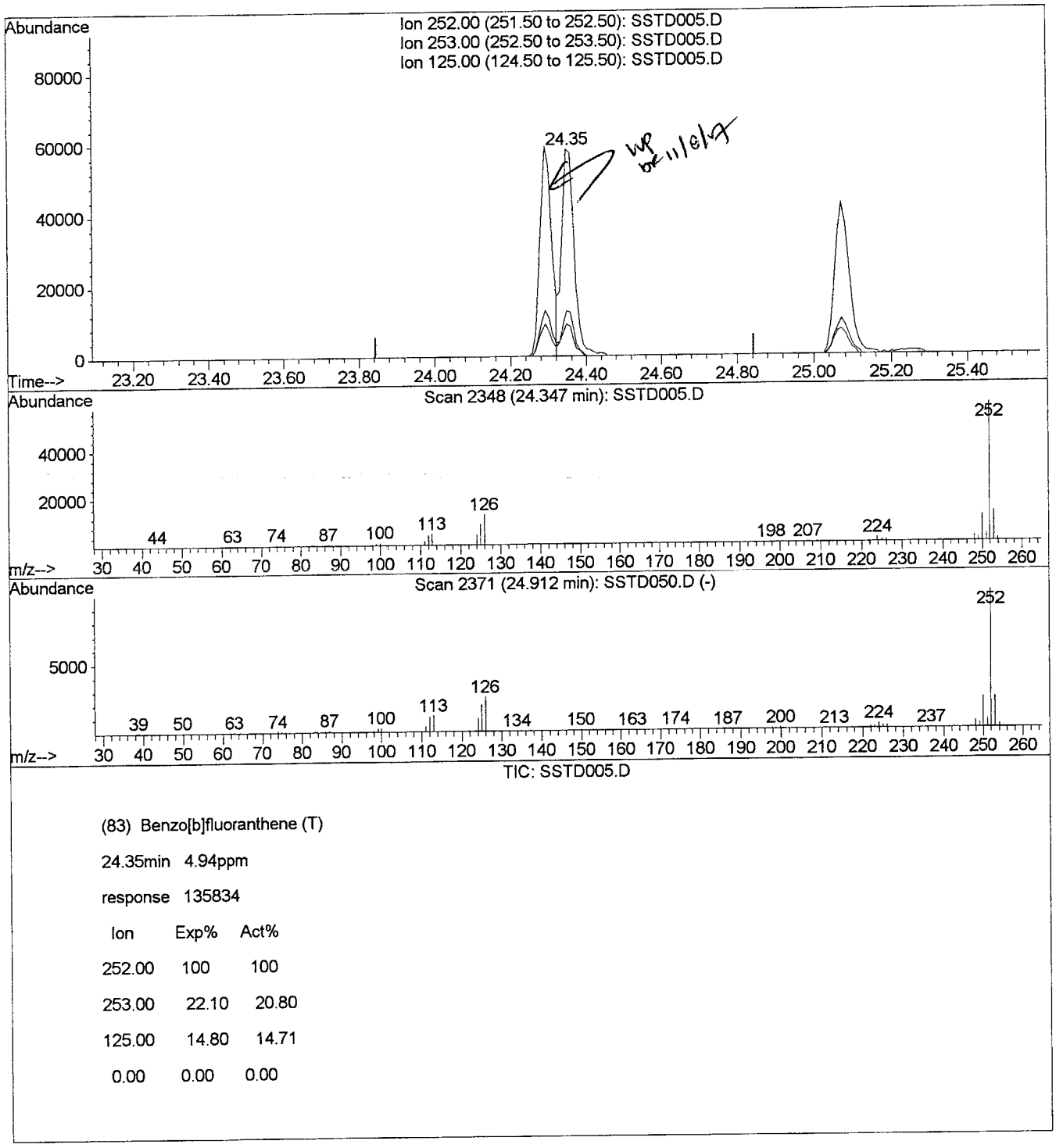
Ion	Exp%	Act%
146.00	100	100
148.00	64.00	50.34
75.00	40.20	17.27#
0.00	0.00	0.00

SSTD005.D H7K07SV.M Wed Nov 07 15:16:12 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:15:16 2007 RTE Integrator
Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res



(83) Benzo[b]fluoranthene (T)

24.35min 4.94ppm

response 135834

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	20.80
125.00	14.80	14.71
0.00	0.00	0.00

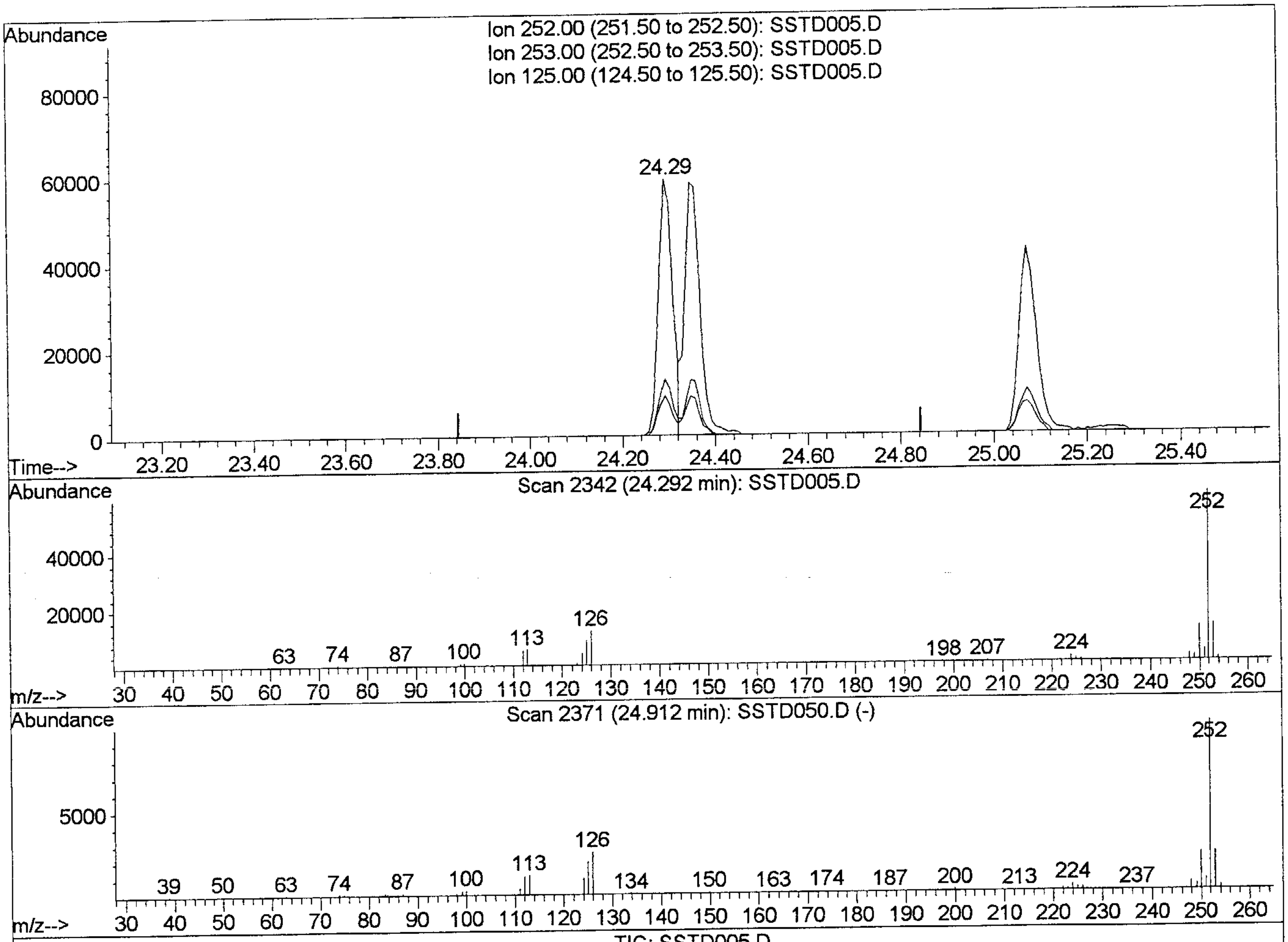
SSTD005.D H7K07SV.M Wed Nov 07 15:16:50 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P / Quant Time: Nov 7 15:15 2007

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



(83) Benzo[b]fluoranthene (T)

24.29min 4.56ppm m

response 125294

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.55
125.00	14.80	15.94
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:01 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	557756	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.21	136	1766256	40.00	ppm	-0.01
36) Acenaphthene-d10 (IS)	14.33	164	905777	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1229263	40.00	ppm	-0.01
71) Chrysene-d12 (IS)	22.29	240	912756	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.26	264	781863	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	96716	4.29	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 4.29%#			
7) Phenol-d6 (SU)	6.92	99	134902	4.70	ppm	-0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 4.70%#			
21) Nitrobenzene-d5 (SU)	8.67	82	103386	4.93	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.86%#			
40) 2-Fluorobiphenyl (SU)	12.83	172	168739	5.44	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 10.88%#			
62) 2,4,6-Tribromophenol (SU)	16.20	330	19313	5.22	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 5.22%#			
74) Terphenyl-d14 (SU)	20.81	244	121543	4.99	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 9.98%#			
Target Compounds						Qvalue
3) Pyridine	2.97	79	141545	4.42	ppm	# 83
4) n-Nitrosodimethylamine	3.05	74	97010	4.42	ppm	# 85
5) bis(2-Chloroethyl)ether	7.00	93	130076	4.93	ppm	90
6) Aniline	6.84	93	164635	4.52	ppm	98
8) Phenol	6.95	94	144895	4.81	ppm	97
9) 2-Chlorophenol	7.04	128	96129	4.65	ppm	99
10) n-Decane	7.17	57	183340	4.82	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	94066	4.69	ppm	95
12) 1,4-Dichlorobenzene	7.28	146	94066	4.04	ppm	87
13) 1,2-Dichlorobenzene	7.80	146	101882	4.97	ppm	99
14) Benzyl alcohol	7.83	108	59067	4.57	ppm	96
15) bis(2-chloroisopropyl)ethe	8.16	45	280846	4.87	ppm	99
16) 2-Methylphenol	8.19	107	75379	4.82	ppm	96
17) Hexachloroethane	8.44	117	39760	4.64	ppm	99
18) N-Nitroso-di-n-propylamine	8.48	70	85634	4.78	ppm	98
19) 4-Methylphenol	8.53	107	105371	4.98	ppm	97
22) Nitrobenzene	8.70	77	109998	5.10	ppm	98
23) Isophorone	9.26	82	199646	4.85	ppm	100
24) 2-Nitrophenol	9.43	139	48407	4.47	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:01 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.69	122	77298	4.82	ppm		99
26) bis(2-Chloroethoxy)methane	9.87	93	125698	5.01	ppm		98
27) 2,4-Dichlorophenol	10.02	162	72267	5.35	ppm		96
28) 1,2,4-Trichlorobenzene	10.13	180	79685	5.48	ppm		98
29) Benzoic Acid	10.05	122	10422	8.68	ppm		90
30) Naphthalene	10.24	128	229841	5.26	ppm		99
31) 4-Chloroaniline	10.52	127	96566	5.08	ppm		98
32) Hexachlorobutadiene	10.73	225	39216	6.09	ppm		98
33) 4-Chloro-3-methylphenol	11.79	107	63666	4.85	ppm		93
34) 2-Methylnaphthalene	11.86	141	130590	5.30	ppm		96
35) 2,3-Dichloroaniline	12.65	161	81203	5.70	ppm		98
37) Hexachlorocyclopentadiene	12.42	237	19350	6.40	ppm		97
38) 2,4,6-Trichlorophenol	12.66	196	45830	5.31	ppm		98
39) 2,4,5-Trichlorophenol	12.76	196	48529	5.29	ppm		98
41) 2-Chloronaphthalene	12.98	162	139059	5.32	ppm		99
42) 2-Nitroaniline	13.38	65	46928	7.45	ppm		98
43) 1,3-Dinitrobenzene	13.95	168	22825	5.76	ppm	#	83
44) Acenaphthylene	13.94	152	195779	5.18	ppm		99
45) Dimethylphthalate	13.97	163	159955	5.32	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	37403	4.96	ppm		100
47) Acenaphthene	14.39	154	126467	5.20	ppm		99
48) 3-Nitroaniline	14.38	138	36464	5.09	ppm		96
49) 2,4-Dinitrophenol	14.62	184	7335	7.67	ppm		88
50) Dibenzofuran	14.76	168	186579	5.48	ppm		100
51) 2,4-Dinitrotoluene	14.98	165	46569	5.27	ppm		95
52) 4-Nitrophenol	14.99	109	8770	4.81	ppm	#	87
53) Fluorene	15.57	166	148190	5.43	ppm		99
54) 4-Chlorophenyl-phenylether	15.67	204	75268	5.79	ppm		98
55) Diethylphthalate	15.66	149	153313	5.55	ppm		100
56) Azobenzene	16.02	77	205719	5.48	ppm		98
57) 4-Nitroaniline	15.83	138	32562	4.27	ppm		97
58) n-Octadecane	17.83	57	160911	3.65	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.91	198	20401	5.32	ppm		93
61) n-Nitrosodiphenylamine	15.99	169	97611	5.25	ppm		100
63) 4-Bromophenyl-phenylether	16.80	248	41819	5.45	ppm		97
64) Hexachlorobenzene	17.04	284	47236	5.81	ppm		98
65) Pentachlorophenol	17.54	266	15390	3.20	ppm		97
66) Phenanthrene	17.80	178	188498	5.41	ppm		99
67) Anthracene	17.90	178	189154	5.44	ppm		99
68) Carbazole	18.35	167	159842	5.92	ppm		98
69) Di-n-butylphthalate	19.33	149	265104	5.45	ppm		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:01 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70) Fluoranthene	20.11	202	189801	5.90	ppm		99
72) Pyrene	20.45	202	197144	4.94	ppm		98
73) 2,2'-Dichlorobenzil	20.67	139	130270	4.43	ppm		97
75) Benzidine	20.43	184	56886	6.27	ppm		96
76) Butylbenzylphthalate	21.62	149	101543	4.84	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	48261	5.70	ppm		98
78) Benzo[a]anthracene	22.25	228	146351	5.14	ppm		99
79) Chrysene	22.32	228	137567	5.26	ppm		99
80) bis(2-Ethylhexyl)phthalate	22.54	149	131967	5.08	ppm		98
81) Di-n-octylphthalate	23.70	149	165941	4.91	ppm	#	99
83) Benzo[b]fluoranthene	24.35	252	135834	4.94	ppm		98
84) Benzo[k]fluoranthene	24.35	252	135834	5.41	ppm		97
85) Benzo[a]pyrene	25.07	252	111480	4.94	ppm		99
86) Indeno[1,2,3-cd]pyrene	27.67	276	96658	4.98	ppm		97
87) Dibenz[a,h]anthracene	27.75	278	102342	5.23	ppm		98
88) Benzo[g,h,i]perylene	28.23	276	108982	5.44	ppm		96

(#) = qualifier out of range (m) = manual integration

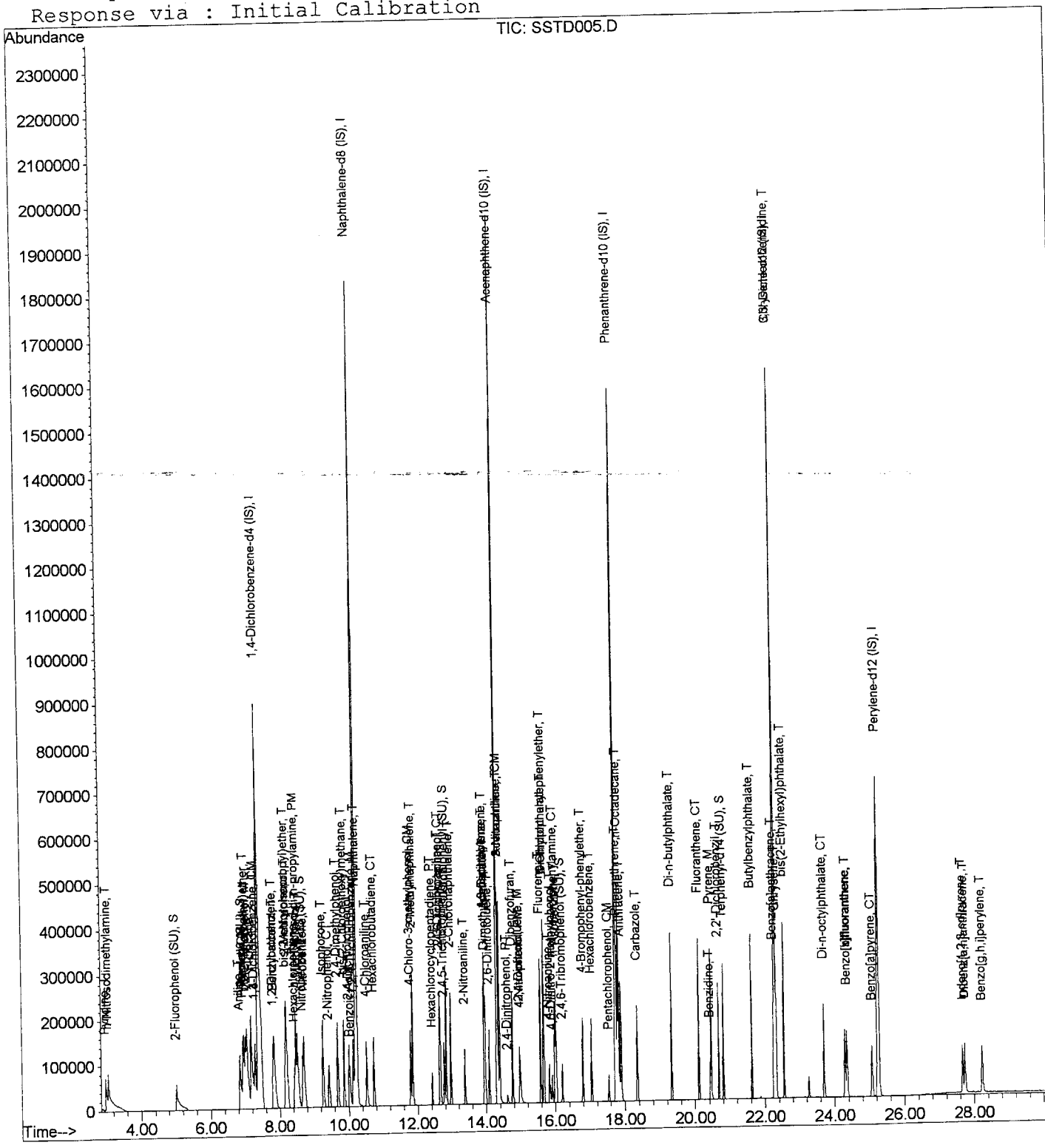
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:01 19107

Vial: 3
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:19 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	602099	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1913527	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.33	164	1010694	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1407078	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	1093936	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.28	264	992229	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	211648	8.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 8.70%#			
7) Phenol-d6 (SU)	6.92	99	291475	9.41	ppm	-0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.41%#			
21) Nitrobenzene-d5 (SU)	8.67	82	232673	10.23	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 20.46%#			
40) 2-Fluorobiphenyl (SU)	12.84	172	364080	10.52	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.04%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	49454	11.32	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 11.32%#			
74) Terphenyl-d14 (SU)	20.81	244	293988	10.07	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 20.14%#			
Target Compounds						Qvalue
3) Pyridine	2.97	79	312874	9.05	ppm	# 68
4) n-Nitrosodimethylamine	3.05	74	216898	9.16	ppm	# 88
5) bis(2-Chloroethyl)ether	7.00	93	267898	9.41	ppm	94
6) Aniline	6.84	93	376549	9.59	ppm	100
8) Phenol	6.95	94	313114	9.64	ppm	97
9) 2-Chlorophenol	7.04	128	208439	9.33	ppm	98
10) n-Decane	7.17	57	391906	9.55	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	214458	9.91	ppm	97
12) 1,4-Dichlorobenzene	7.40	146	254332m	10.11	ppm	
13) 1,2-Dichlorobenzene	7.80	146	223283	10.08	ppm	99
14) Benzyl alcohol	7.83	108	135903	9.75	ppm	98
15) bis(2-chloroisopropyl)ethe	8.16	45	612369	9.83	ppm	100
16) 2-Methylphenol	8.18	107	166389	9.86	ppm	99
17) Hexachloroethane	8.44	117	89360	9.67	ppm	99
18) N-Nitroso-di-n-propylamine	8.49	70	189892	9.82	ppm	99
19) 4-Methylphenol	8.53	107	232277	10.16	ppm	100
22) Nitrobenzene	8.71	77	246420	10.55	ppm	98
23) Isophorone	9.26	82	443975	9.96	ppm	99
24) 2-Nitrophenol	9.43	139	116754	9.95	ppm	100

(#) = qualifier out of range (m) = manual integration
SSTD010.D H7K07SV.M Wed Nov 07 15:19:28 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:19 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25) 2,4-Dimethylphenol	9.69	122	170231	9.79	ppm	98
26) bis(2-Chloroethoxy)methane	9.87	93	279260	10.27	ppm	98
27) 2,4-Dichlorophenol	10.02	162	161357	11.03	ppm	100
28) 1,2,4-Trichlorobenzene	10.13	180	173001	10.99	ppm	100
29) Benzoic Acid	10.13	122	49557m	11.68	ppm	
30) Naphthalene	10.25	128	496753	10.49	ppm	99
31) 4-Chloroaniline	10.52	127	220195	10.70	ppm	100
32) Hexachlorobutadiene	10.73	225	87770	12.58	ppm	98
33) 4-Chloro-3-methylphenol	11.79	107	146770	10.33	ppm	97
34) 2-Methylnaphthalene	11.86	141	288627	10.81	ppm	96
35) 2,3-Dichloroaniline	12.65	161	177616	11.51	ppm	99
37) Hexachlorocyclopentadiene	12.43	237	52945	11.60	ppm	98
38) 2,4,6-Trichlorophenol	12.66	196	109959	11.42	ppm	97
39) 2,4,5-Trichlorophenol	12.76	196	116028	11.33	ppm	99
41) 2-Chloronaphthalene	12.98	162	309433	10.61	ppm	99
42) 2-Nitroaniline	13.39	65	112036	11.83	ppm	98
43) 1,3-Dinitrobenzene	13.95	168	57641	11.03	ppm	94
44) Acenaphthylene	13.94	152	441234	10.47	ppm	99
45) Dimethylphthalate	13.98	163	355570	10.60	ppm	100
46) 2,6-Dinitrotoluene	14.09	165	92558	11.01	ppm	96
47) Acenaphthene	14.40	154	283719	10.45	ppm	100
48) 3-Nitroaniline	14.39	138	90505	11.31	ppm	98
49) 2,4-Dinitrophenol	14.62	184	33937	11.94	ppm	99
50) Dibenzofuran	14.77	168	425773	11.21	ppm	98
51) 2,4-Dinitrotoluene	14.98	165	112816	11.44	ppm	99
52) 4-Nitrophenol	14.99	109	25477	10.60	ppm	92
53) Fluorene	15.58	166	334879	11.00	ppm	99
54) 4-Chlorophenyl-phenylether	15.67	204	168155	11.60	ppm	100
55) Diethylphthalate	15.67	149	344310	11.18	ppm	99
56) Azobenzene	16.03	77	463845	11.07	ppm	99
57) 4-Nitroaniline	15.83	138	86421	11.56	ppm	96
58) n-Octadecane	17.83	57	353433	10.26	ppm	100
60) 4,6-Dinitro-2-methylphenol	15.92	198	62188	10.72	ppm	97
61) n-Nitrosodiphenylamine	15.99	169	223779	10.52	ppm	99
63) 4-Bromophenyl-phenylether	16.80	248	96579	11.00	ppm	99
64) Hexachlorobenzene	17.05	284	104997	11.29	ppm	98
65) Pentachlorophenol	17.55	266	49386	8.96	ppm	98
66) Phenanthrene	17.80	178	428196	10.74	ppm	99
67) Anthracene	17.90	178	433110	10.88	ppm	99
68) Carbazole	18.35	167	372735	12.07	ppm	99
69) Di-n-butylphthalate	19.33	149	609513	10.95	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:19 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.11	202	451768	12.28	ppm	99
72) Pyrene	20.46	202	459855	9.62	ppm	99
73) 2,2'-Dichlorobenzil	20.68	139	323324	9.17	ppm	98
75) Benzidine	20.43	184	137220	11.09	ppm	100
76) Butylbenzylphthalate	21.62	149	240889	9.58	ppm	99
77) 3,3'-Dichlorobenzidine	22.29	252	120064	11.83	ppm	98
78) Benzo[a]anthracene	22.25	228	358141	10.49	ppm	100
79) Chrysene	22.33	228	333837	10.66	ppm	98
80) bis(2-Ethylhexyl)phthalate	22.55	149	318839	10.24	ppm	99
81) Di-n-octylphthalate	23.70	149	429062	10.58	ppm	100
83) Benzo[b]fluoranthene	24.30	252	327908m	9.40	ppm	
84) Benzo[k]fluoranthene	24.37	252	341226	10.71	ppm	99
85) Benzo[a]pyrene	25.08	252	301582	10.53	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.68	276	272939	11.08	ppm	99
87) Dibenz[a,h]anthracene	27.76	278	294679	11.87	ppm	97
88) Benzo[g,h,i]perylene	28.25	276	298469	11.75	ppm	98

(#) = qualifier out of range (m) = manual integration

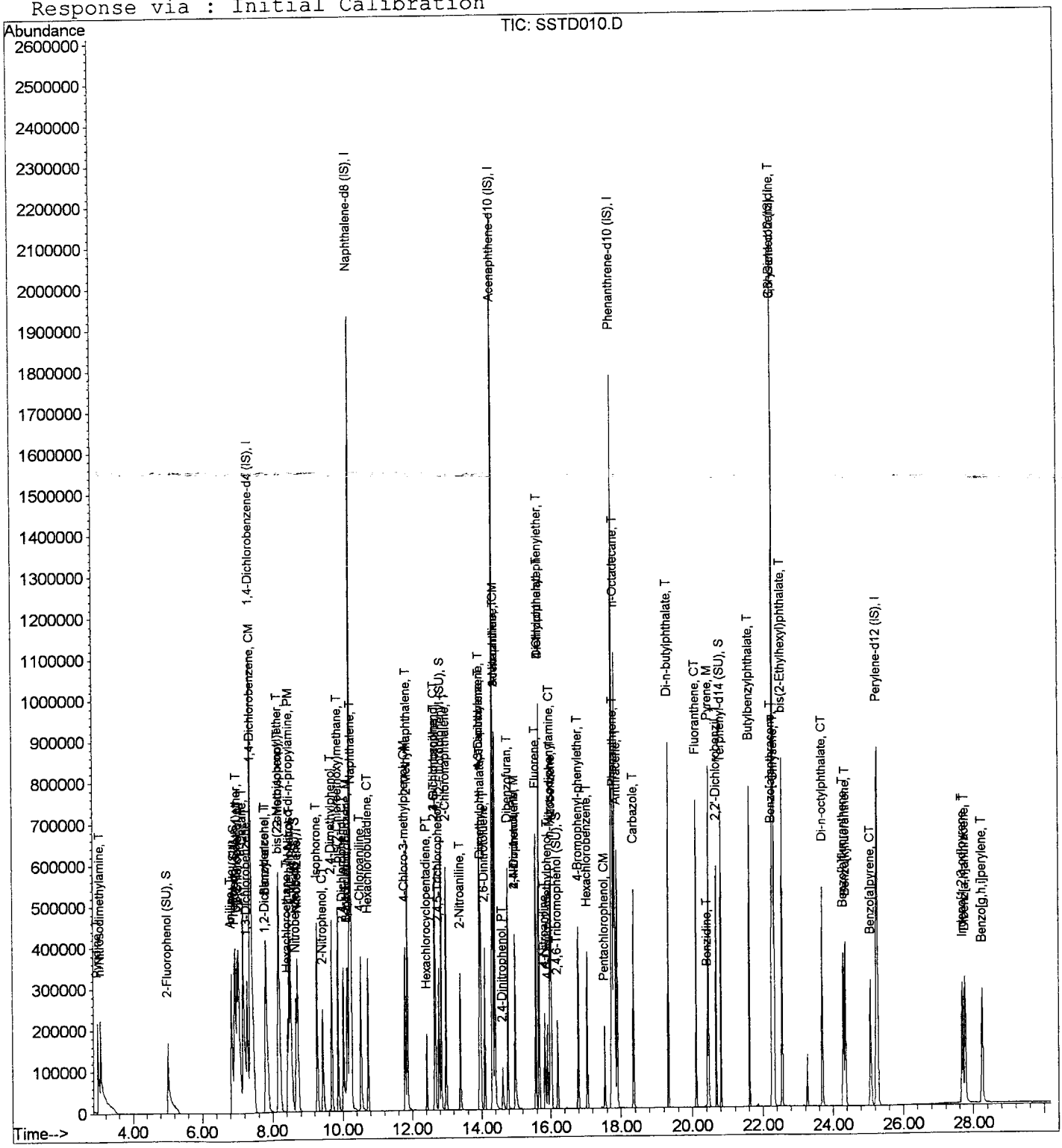
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:19 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

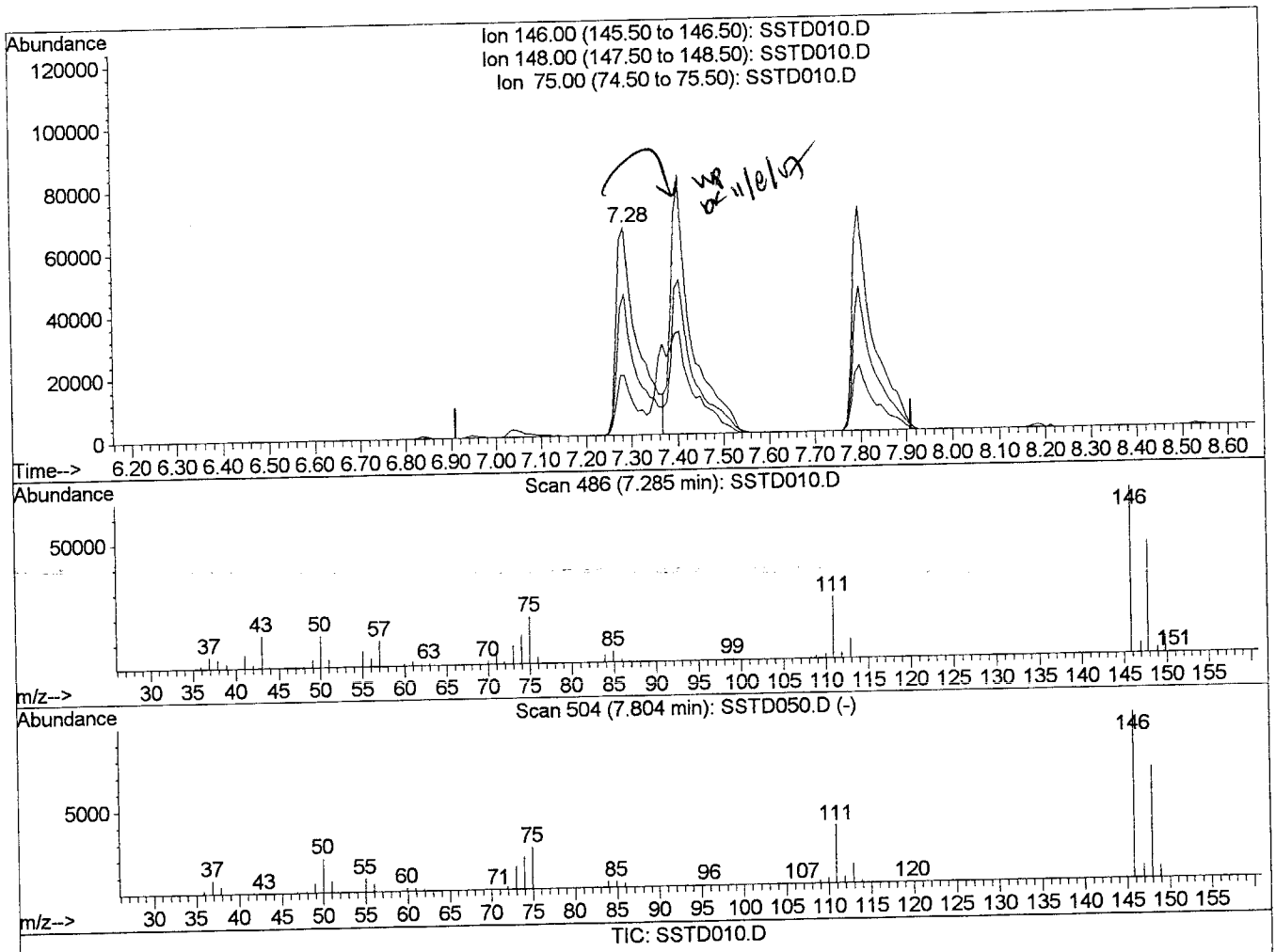


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



(12) 1,4-Dichlorobenzene (CM)

7.28min 8.52ppm

response 214458

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	64.46
75.00	40.20	24.84
0.00	0.00	0.00

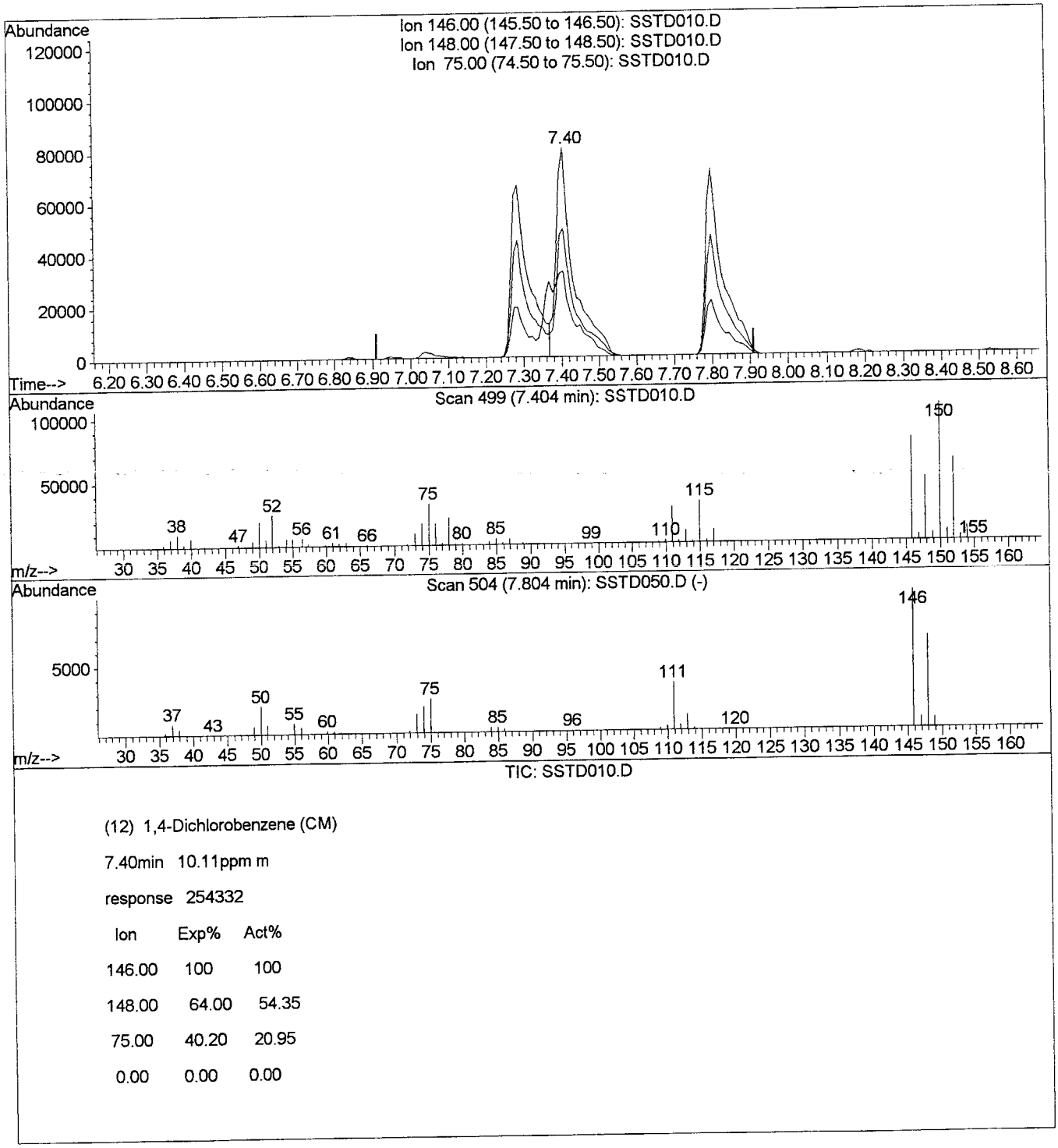
SSTD010.D H7K07SV.M Wed Nov 07 15:18:20 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:18:07 2007 Quant Results File: temp.res

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



TIC: SSTD010.D

(12) 1,4-Dichlorobenzene (CM)

7.40min 10.11ppm m

response 254332

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	54.35
75.00	40.20	20.95
0.00	0.00	0.00

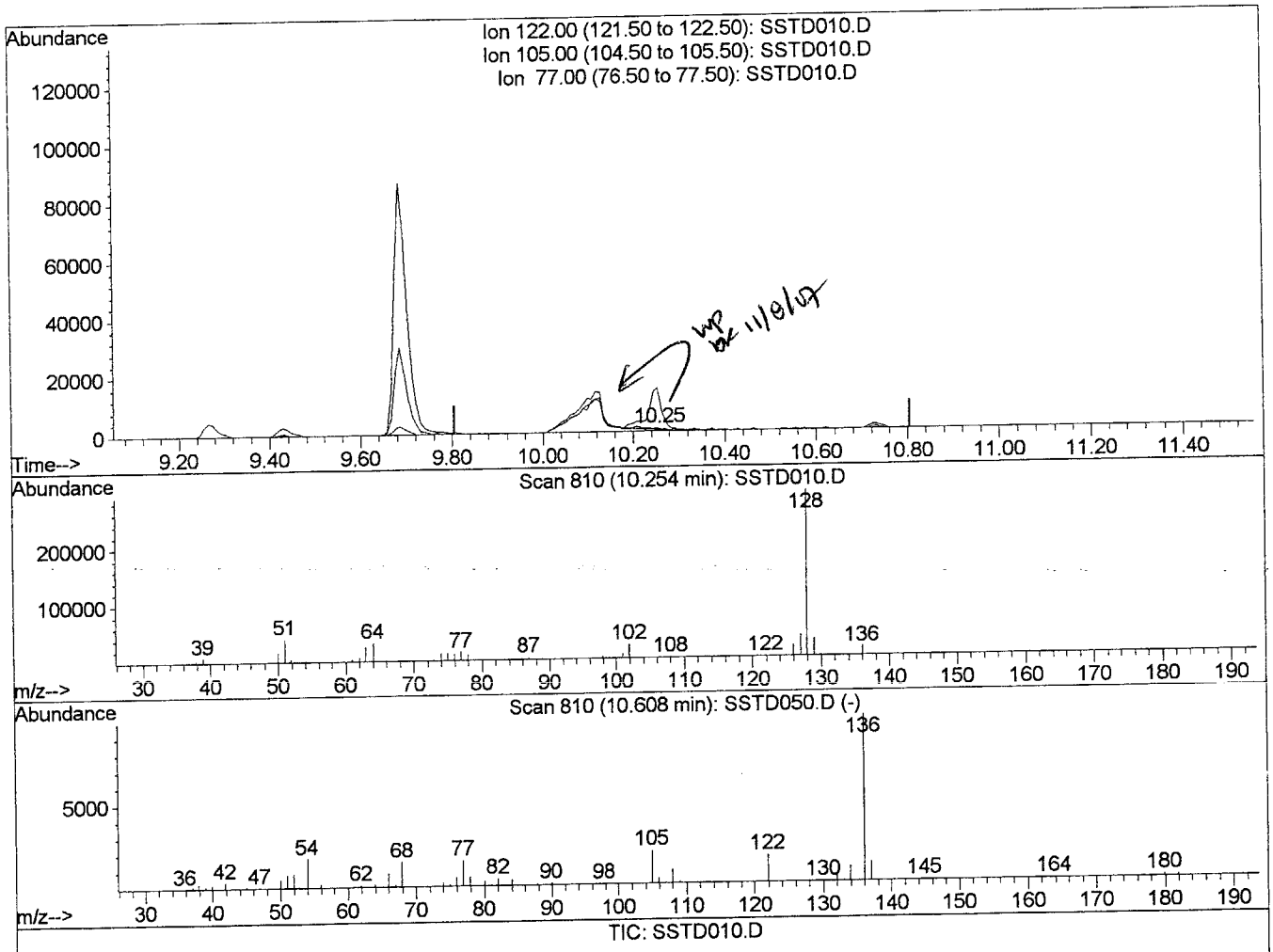
SSTD010.D H7K07SV.M Wed Nov 07 15:18:24 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MSInteg: NovParams 18TE1107P

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



(29) Benzoic Acid (T)

10.25min 7.91ppm

response 1483

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	382.40#
77.00	125.10	2186.51#
0.00	0.00	0.00

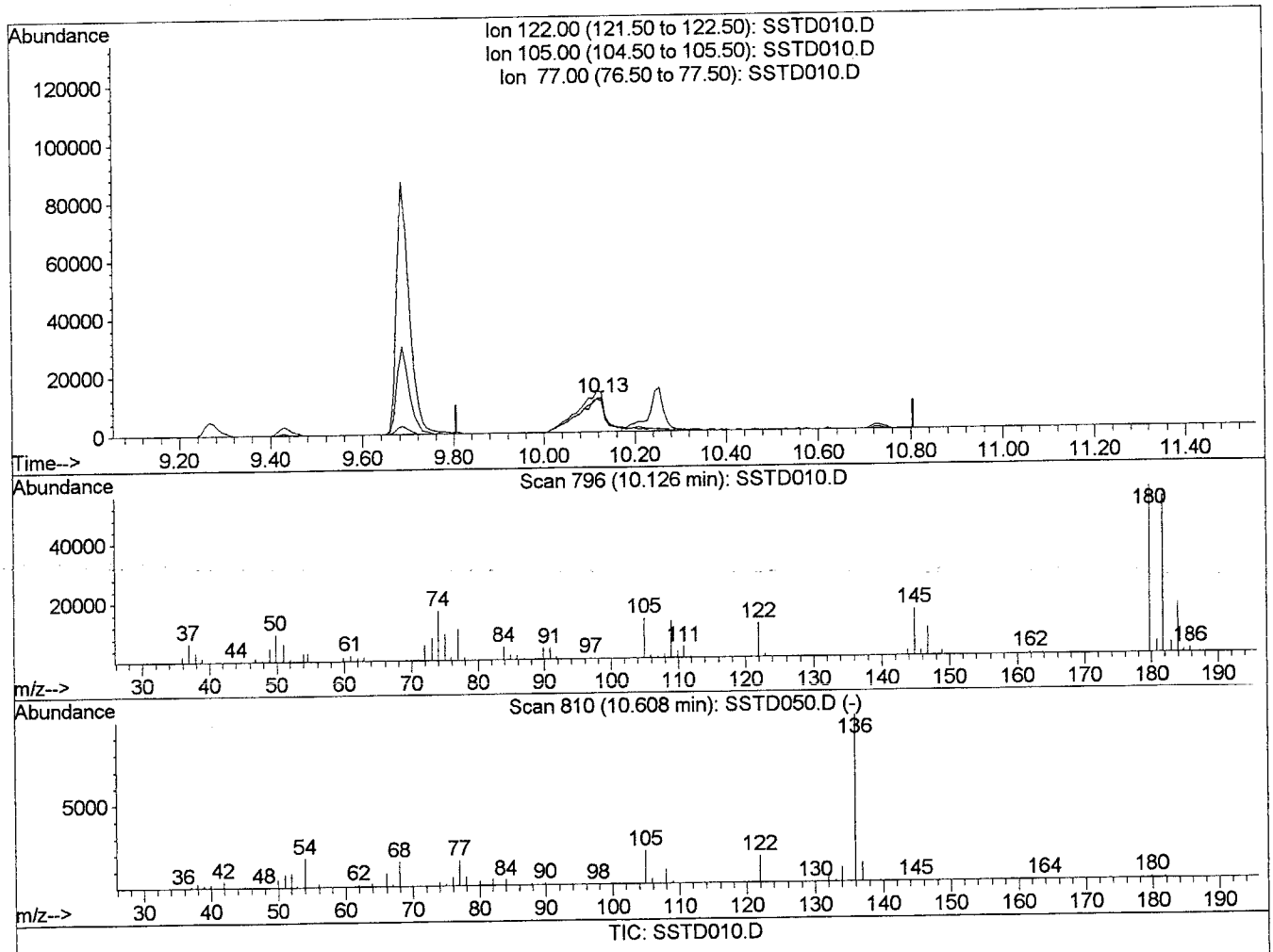
SSTD010.D H7K07SV.M Wed Nov 07 15:18:34 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:18 2007

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



TIC: SSTD010.D

(29) Benzoic Acid (T)

10.13min 11.68ppm m

response 49557

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	11.44#
77.00	125.10	65.43#
0.00	0.00	0.00

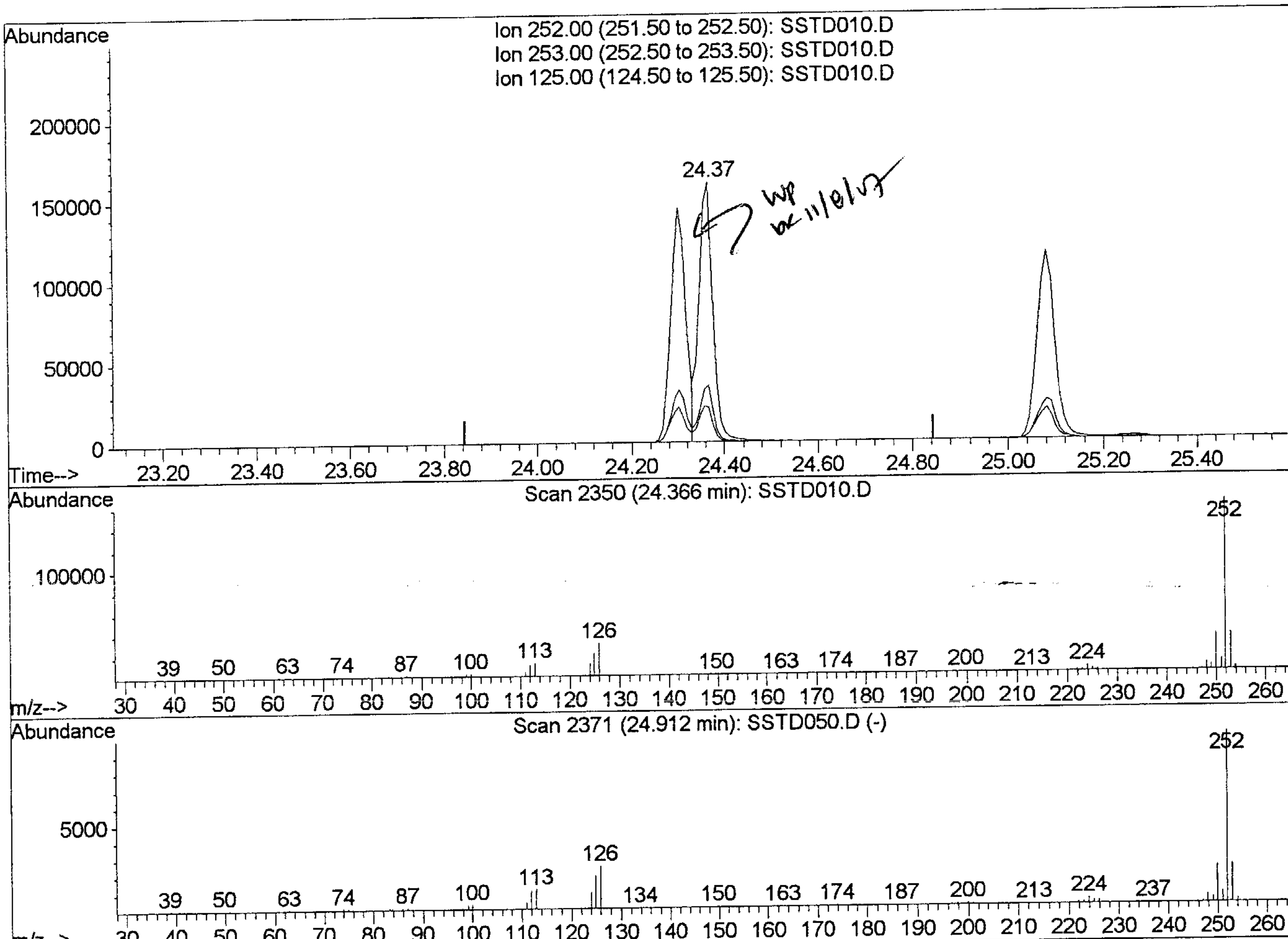
SSTD010.D H7K07SV.M Wed Nov 07 15:18:38 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
QdanntTegmatiNovPa7amS:1RTE9NT7P

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



TIC: SSTD010.D

(83) Benzo[b]fluoranthene (T)

24.37min 9.78ppm

response 341226

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.43
125.00	14.80	13.92
0.00	0.00	0.00

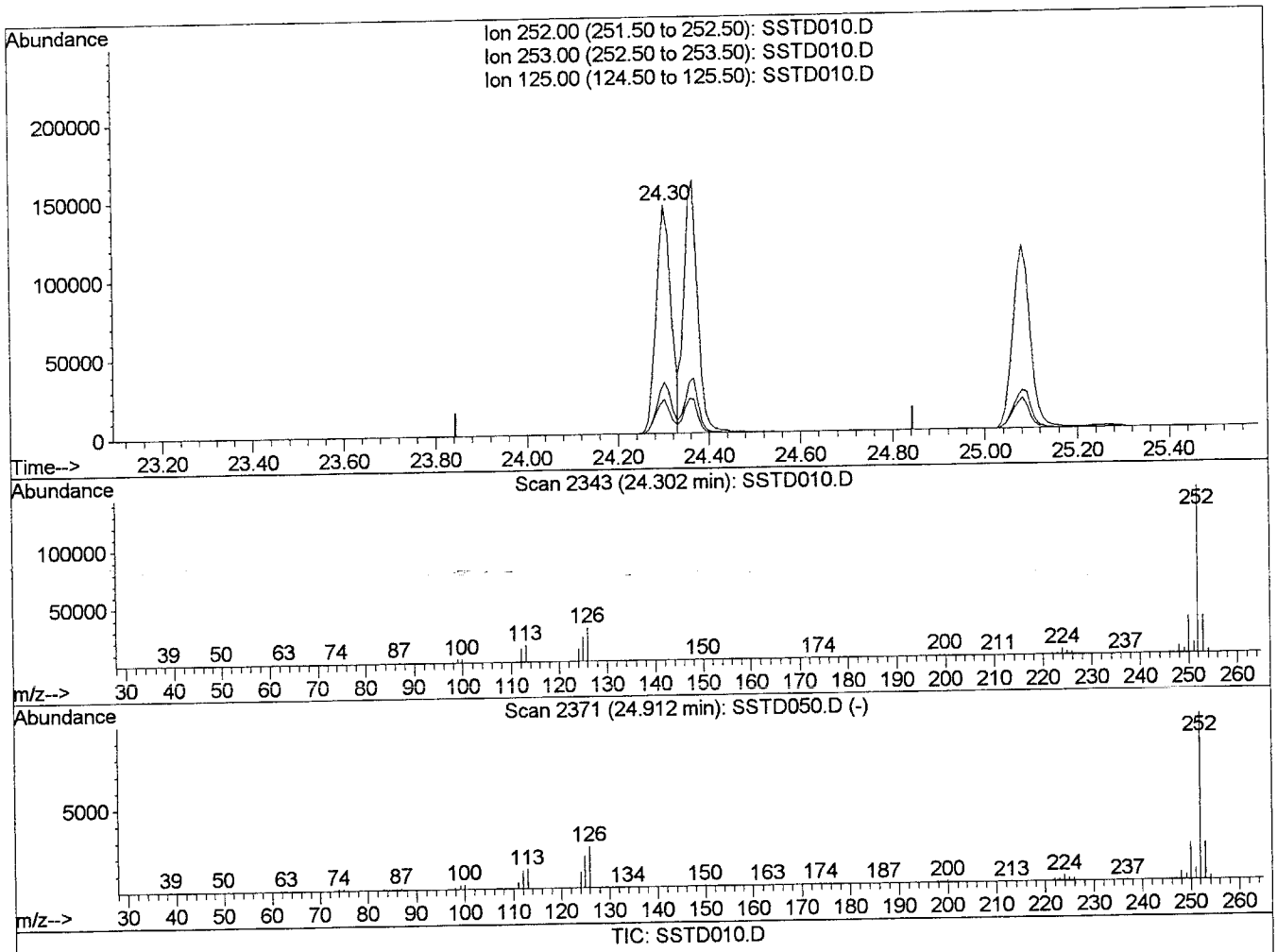
SSTD010.D H7K07SV.M Wed Nov 07 15:19:10 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTE 07NOV07P

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Multiple Level Calibration



TIC: SSTD010.D

(83) Benzo[b]fluoranthene (T)

24.30min 9.40ppm m

response 327908

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.30
125.00	14.80	14.48
0.00	0.00	0.00

SSTD010.D H7K07SV.M Wed Nov 07 15:19:15 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	602099	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1913527	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.33	164	1010694	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1407078	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	1093936	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.28	264	992229	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	211648	8.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 8.70%#			
7) Phenol-d6 (SU)	6.92	99	291475	9.41	ppm	-0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.41%#			
21) Nitrobenzene-d5 (SU)	8.67	82	232673	10.23	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 20.46%#			
40) 2-Fluorobiphenyl (SU)	12.84	172	364080	10.52	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.04%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	49454	11.32	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 11.32%#			
74) Terphenyl-d14 (SU)	20.81	244	293988	10.07	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 20.14%#			
Target Compounds						Qvalue
3) Pyridine	2.97	79	312874	9.05	ppm	# 68
4) n-Nitrosodimethylamine	3.05	74	216898	9.16	ppm	# 88
5) bis(2-Chloroethyl)ether	7.00	93	267898	9.41	ppm	94
6) Aniline	6.84	93	376549	9.59	ppm	100
8) Phenol	6.95	94	313114	9.64	ppm	97
9) 2-Chlorophenol	7.04	128	208439	9.33	ppm	98
10) n-Decane	7.17	57	391906	9.55	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	214458	9.91	ppm	97
12) 1,4-Dichlorobenzene	7.28	146	214458	8.52	ppm	90
13) 1,2-Dichlorobenzene	7.80	146	223283	10.08	ppm	99
14) Benzyl alcohol	7.83	108	135903	9.75	ppm	98
15) bis(2-chloroisopropyl)ethe	8.16	45	612369	9.83	ppm	100
16) 2-Methylphenol	8.18	107	166389	9.86	ppm	99
17) Hexachloroethane	8.44	117	89360	9.67	ppm	99
18) N-Nitroso-di-n-propylamine	8.49	70	189892	9.82	ppm	99
19) 4-Methylphenol	8.53	107	232277	10.16	ppm	100
22) Nitrobenzene	8.71	77	246420	10.55	ppm	98
23) Isophorone	9.26	82	443975	9.96	ppm	99
24) 2-Nitrophenol	9.43	139	116754	9.95	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.69	122	170231	9.79	ppm		98
26) bis(2-Chloroethoxy)methane	9.87	93	279260	10.27	ppm		98
27) 2,4-Dichlorophenol	10.02	162	161357	11.03	ppm		100
28) 1,2,4-Trichlorobenzene	10.13	180	173001	10.99	ppm		100
29) Benzoic Acid	10.25	122	1483	7.91	ppm	#	1
30) Naphthalene	10.25	128	496753	10.49	ppm		99
31) 4-Chloroaniline	10.52	127	220195	10.70	ppm		100
32) Hexachlorobutadiene	10.73	225	87770	12.58	ppm		98
33) 4-Chloro-3-methylphenol	11.79	107	146770	10.33	ppm		97
34) 2-Methylnaphthalene	11.86	141	288627	10.81	ppm		96
35) 2,3-Dichloroaniline	12.65	161	177616	11.51	ppm		99
37) Hexachlorocyclopentadiene	12.43	237	52945	11.60	ppm		98
38) 2,4,6-Trichlorophenol	12.66	196	109959	11.42	ppm		97
39) 2,4,5-Trichlorophenol	12.76	196	116028	11.33	ppm		99
41) 2-Chloronaphthalene	12.98	162	309433	10.61	ppm		99
42) 2-Nitroaniline	13.39	65	112036	11.83	ppm		98
43) 1,3-Dinitrobenzene	13.95	168	57641	11.03	ppm		94
44) Acenaphthylene	13.94	152	441234	10.47	ppm		99
45) Dimethylphthalate	13.98	163	355570	10.60	ppm		100
46) 2,6-Dinitrotoluene	14.09	165	92558	11.01	ppm		96
47) Acenaphthene	14.40	154	283719	10.45	ppm		100
48) 3-Nitroaniline	14.39	138	90505	11.31	ppm		98
49) 2,4-Dinitrophenol	14.62	184	33937	11.94	ppm		99
50) Dibenzofuran	14.77	168	425773	11.21	ppm		98
51) 2,4-Dinitrotoluene	14.98	165	112816	11.44	ppm		99
52) 4-Nitrophenol	14.99	109	25477	10.60	ppm		92
53) Fluorene	15.58	166	334879	11.00	ppm		99
54) 4-Chlorophenyl-phenylether	15.67	204	168155	11.60	ppm		100
55) Diethylphthalate	15.67	149	344310	11.18	ppm		99
56) Azobenzene	16.03	77	463845	11.07	ppm		99
57) 4-Nitroaniline	15.83	138	86421	11.56	ppm		96
58) n-Octadecane	17.83	57	353433	10.26	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.92	198	62188	10.72	ppm		97
61) n-Nitrosodiphenylamine	15.99	169	223779	10.52	ppm		99
63) 4-Bromophenyl-phenylether	16.80	248	96579	11.00	ppm		99
64) Hexachlorobenzene	17.05	284	104997	11.29	ppm		98
65) Pentachlorophenol	17.55	266	49386	8.96	ppm		98
66) Phenanthrene	17.80	178	428196	10.74	ppm		99
67) Anthracene	17.90	178	433110	10.88	ppm		99
68) Carbazole	18.35	167	372735	12.07	ppm		99
69) Di-n-butylphthalate	19.33	149	609513	10.95	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.11	202	451768	12.28	ppm	99
72) Pyrene	20.46	202	459855	9.62	ppm	99
73) 2,2'-Dichlorobenzil	20.68	139	323324	9.17	ppm	98
75) Benzidine	20.43	184	137220	11.09	ppm	100
76) Butylbenzylphthalate	21.62	149	240889	9.58	ppm	99
77) 3,3'-Dichlorobenzidine	22.29	252	120064	11.83	ppm	98
78) Benzo[a]anthracene	22.25	228	358141	10.49	ppm	100
79) Chrysene	22.33	228	333837	10.66	ppm	98
80) bis(2-Ethylhexyl)phthalate	22.55	149	318839	10.24	ppm	99
81) Di-n-octylphthalate	23.70	149	429062	10.58	ppm	100
83) Benzo[b]fluoranthene	24.37	252	341226	9.78	ppm	98
84) Benzo[k]fluoranthene	24.37	252	341226	10.71	ppm	99
85) Benzo[a]pyrene	25.08	252	301582	10.53	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.68	276	272939	11.08	ppm	99
87) Dibenz[a,h]anthracene	27.76	278	294679	11.87	ppm	97
88) Benzo[g,h,i]perylene	28.25	276	298469	11.75	ppm	98

(#) = qualifier out of range (m) = manual integration

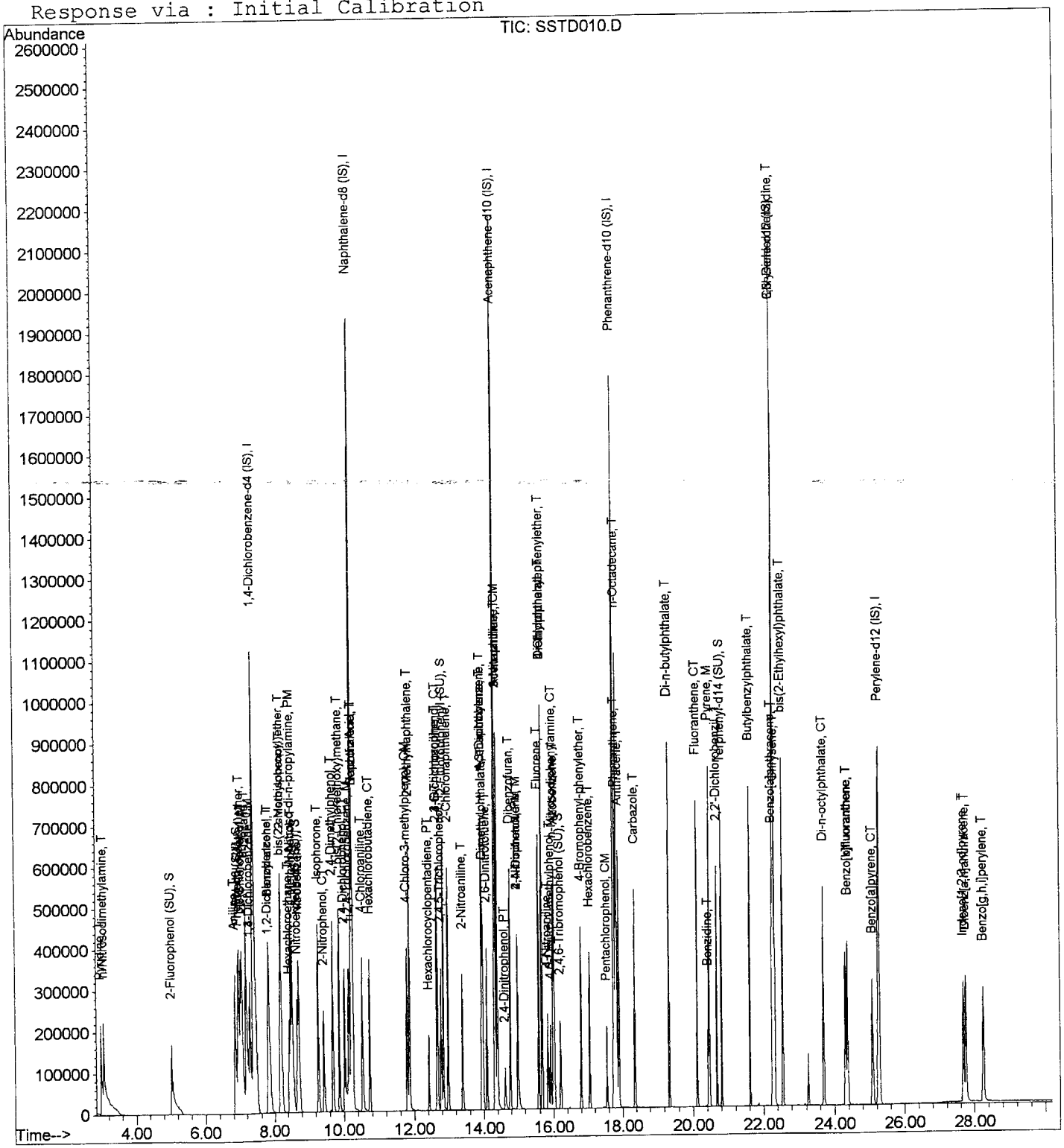
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

Vial: 4
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:21 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	464912	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	10.23	136	1416871	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	701520	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.78	188	971523	40.00	ppm	0.01
71) Chrysene-d12 (IS)	22.31	240	693548	40.00	ppm	0.01
82) Perylene-d12 (IS)	25.30	264	659661	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	1428173	76.00	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 76.00%			
7) Phenol-d6 (SU)	6.97	99	1793757	74.98	ppm	0.04
Spiked Amount 100.000	Range 40 - 120		Recovery = 74.98%			
21) Nitrobenzene-d5 (SU)	8.70	82	1380850	82.03	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 164.06%#			
40) 2-Fluorobiphenyl (SU)	12.67	172	1821795	75.83	ppm	0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 151.66%#			
62) 2,4,6-Tribromophenol (SU)	16.25	330	301136	97.66	ppm	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.66%			
74) Terphenyl-d14 (SU)	20.84	244	1420991	76.77	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 153.54%#			

Target Compounds						Qvalue
3) Pyridine	2.95	79	2033214	76.16	ppm #	69
4) n-Nitrosodimethylamine	3.04	74	1396334	76.36	ppm	96
5) bis(2-Chloroethyl)ether	7.03	93	1703497	77.51	ppm	92
6) Aniline	6.85	93	2234023	73.66	ppm	92
8) Phenol	6.99	94	1900520	75.76	ppm	90
9) 2-Chlorophenol	7.05	128	1312885	76.13	ppm	97
10) n-Decane	7.18	57	2313845	73.00	ppm	99
11) 1,3-Dichlorobenzene	7.29	146	1279890	76.59	ppm	99
12) 1,4-Dichlorobenzene	7.41	146	1527497	78.63	ppm	98
13) 1,2-Dichlorobenzene	7.81	146	1335555	78.11	ppm	99
14) Benzyl alcohol	7.87	108	836295	77.68	ppm	99
15) bis(2-chloroisopropyl)ethe	8.18	45	3526555	73.29	ppm	99
16) 2-Methylphenol	8.21	107	996990	76.52	ppm	98
17) Hexachloroethane	8.45	117	555849	77.89	ppm	99
18) N-Nitroso-di-n-propylamine	8.55	70	1105432m	74.02	ppm	
19) 4-Methylphenol	8.59	107	1336578	75.72	ppm	99
22) Nitrobenzene	8.76	77	1414915	81.81	ppm	99
23) Isophorone	9.32	82	2638960	79.98	ppm	99
24) 2-Nitrophenol	9.46	139	741005	85.28	ppm	99

(#) = qualifier out of range (m) = manual integration
SSTD080.D H7K07SV.M Wed Nov 07 15:22:02 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:21 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.74	122	1020578	79.26	ppm		100
26) bis(2-Chloroethoxy)methane	9.91	93	1587328	78.84	ppm		99
27) 2,4-Dichlorophenol	10.06	162	940229	86.79	ppm		99
28) 1,2,4-Trichlorobenzene	10.15	180	975462	83.66	ppm		100
29) Benzoic Acid	10.40	122	549982	66.03	ppm	#	64
30) Naphthalene	10.28	128	2664706	75.97	ppm		100
31) 4-Chloroaniline	10.56	127	1230829	80.77	ppm		99
32) Hexachlorobutadiene	10.75	225	496798	96.14	ppm		98
33) 4-Chloro-3-methylphenol	11.82	107	871432	82.83	ppm		100
34) 2-Methylnaphthalene	11.88	141	1528505	77.32	ppm		99
35) 2,3-Dichloroaniline	12.67	161	962574	84.21	ppm		99
37) Hexachlorocyclopentadiene	12.43	237	368110	90.81	ppm		99
38) 2,4,6-Trichlorophenol	12.70	196	596307	89.22	ppm		99
39) 2,4,5-Trichlorophenol	12.79	196	649318	91.32	ppm		99
41) 2-Chloronaphthalene	13.01	162	1565823	77.36	ppm		98
42) 2-Nitroaniline	13.44	65	690522	76.59	ppm		98
43) 1,3-Dinitrobenzene	14.00	168	340683	81.93	ppm	#	38
44) Acenaphthylene	13.97	152	2304848	78.76	ppm		100
45) Dimethylphthalate	14.05	163	1794587	77.08	ppm		100
46) 2,6-Dinitrotoluene	14.16	165	487881	83.59	ppm		99
47) Acenaphthene	14.43	154	1427488	75.75	ppm		100
48) 3-Nitroaniline	14.45	138	466977	84.10	ppm		100
49) 2,4-Dinitrophenol	14.68	184	290952	75.76	ppm		99
50) Dibenzofuran	14.82	168	2091496	79.32	ppm		98
51) 2,4-Dinitrotoluene	15.05	165	606011	88.51	ppm		97
52) 4-Nitrophenol	15.05	109	168475	90.67	ppm		92
53) Fluorene	15.61	166	1703904	80.66	ppm		98
54) 4-Chlorophenyl-phenylether	15.71	204	845867	84.08	ppm		100
55) Diethylphthalate	15.73	149	1587079	74.21	ppm		99
56) Azobenzene	16.07	77	2263965	77.85	ppm	#	91
57) 4-Nitroaniline	15.95	138	426056	88.27	ppm		97
58) n-Octadecane	17.86	57	1532524	80.70	ppm		99
60) 4,6-Dinitro-2-methylphenol	16.02	198	381981	78.99	ppm		83
61) n-Nitrosodiphenylamine	16.05	169	1064376	72.47	ppm		96
63) 4-Bromophenyl-phenylether	16.83	248	511162	84.31	ppm		99
64) Hexachlorobenzene	17.09	284	575523	89.63	ppm		99
65) Pentachlorophenol	17.58	266	360989	94.84	ppm		97
66) Phenanthrene	17.84	178	2037650	74.05	ppm		100
67) Anthracene	17.95	178	1969792	71.68	ppm		99
68) Carbazole	18.39	167	1629037	76.39	ppm		99
69) Di-n-butylphthalate	19.35	149	2898080	75.40	ppm		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:21 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.15	202	2234815	87.95	ppm	100
72) Pyrene	20.49	202	2191232	72.32	ppm	100
73) 2,2'-Dichlorobenzil	20.70	139	1666552	74.56	ppm	99
75) Benzidine	20.44	184	644109	72.53	ppm	100
76) Butylbenzylphthalate	21.64	149	1237950	77.65	ppm	100
77) 3,3'-Dichlorobenzidine	22.32	252	619898	96.34	ppm	100
78) Benzo[a]anthracene	22.28	228	1760764	81.36	ppm	99
79) Chrysene	22.36	228	1500969	75.57	ppm	100
80) bis(2-Ethylhexyl)phthalate	22.57	149	1462218	74.04	ppm	99
81) Di-n-octylphthalate	23.72	149	2169534	84.40	ppm	100
83) Benzo[b]fluoranthene	24.37	252	1897104	81.80	ppm	99
84) Benzo[k]fluoranthene	24.44	252	1462132	69.05	ppm	100
85) Benzo[a]pyrene	25.16	252	1550026	81.38	ppm	100
86) Indeno[1,2,3-cd]pyrene	27.76	276	1452114	88.68	ppm	99
87) Dibenz[a,h]anthracene	27.84	278	1489327	90.22	ppm	98
88) Benzo[g,h,i]perylene	28.34	276	1446515	85.63	ppm	99

(#) = qualifier out of range (m) = manual integration

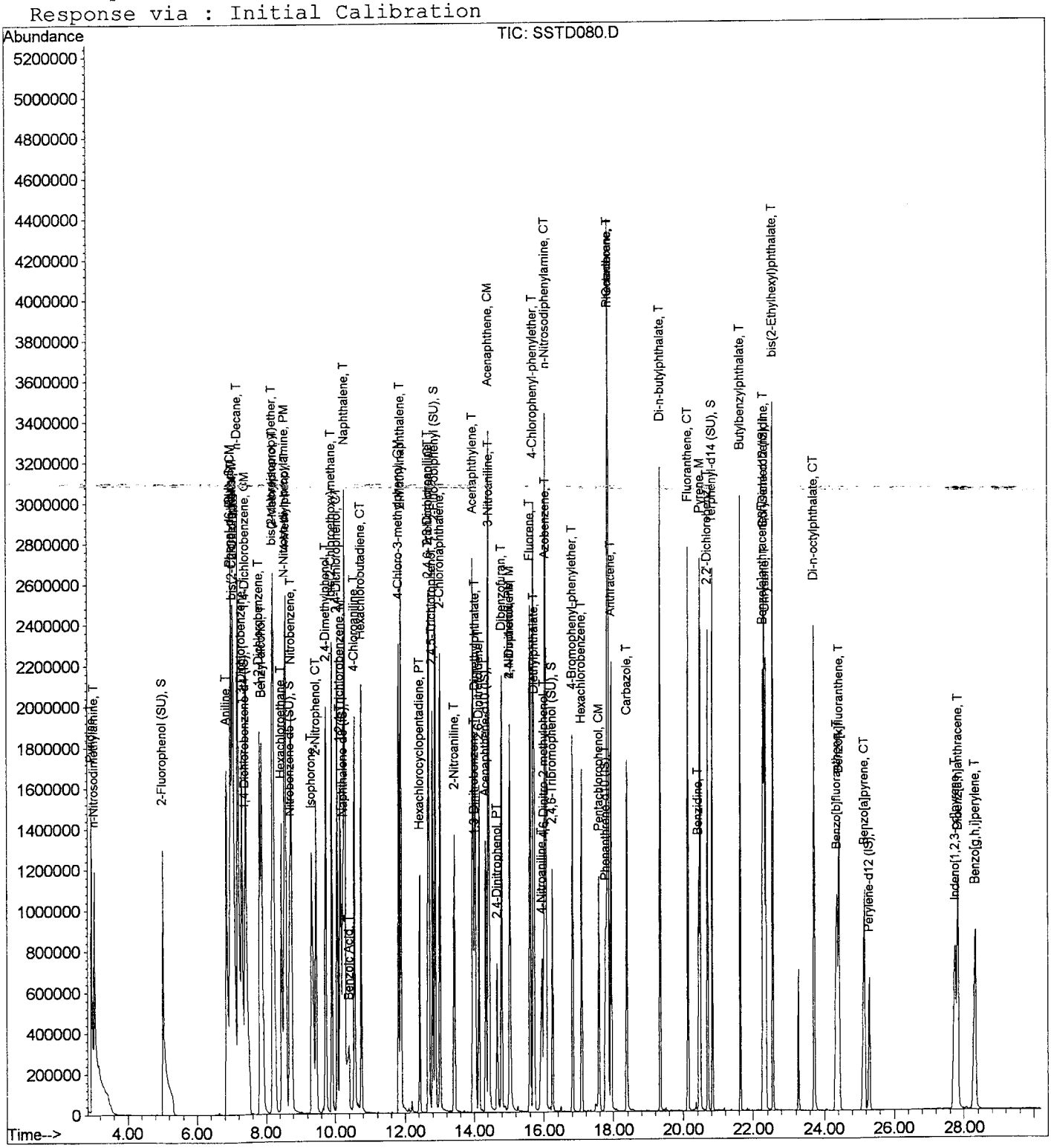
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:21 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

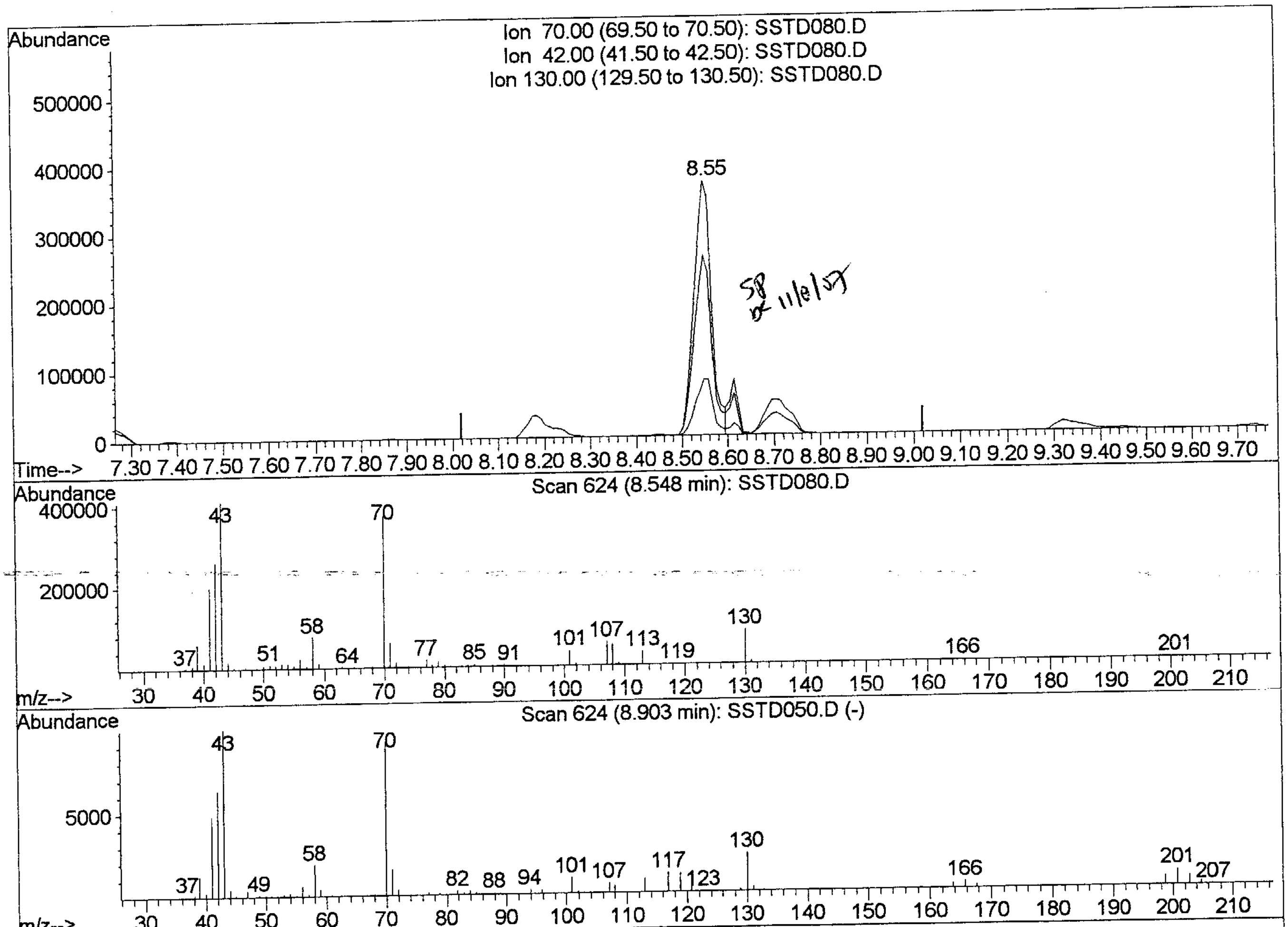


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MSaIntEgmatiNovPa7amS:2RTEINT7P

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD080.D

(18) N-Nitroso-di-n-propylamine (PM)

8.55min 67.13ppm

response 1002499

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	71.25
130.00	22.40	22.49
0.00	0.00	0.00

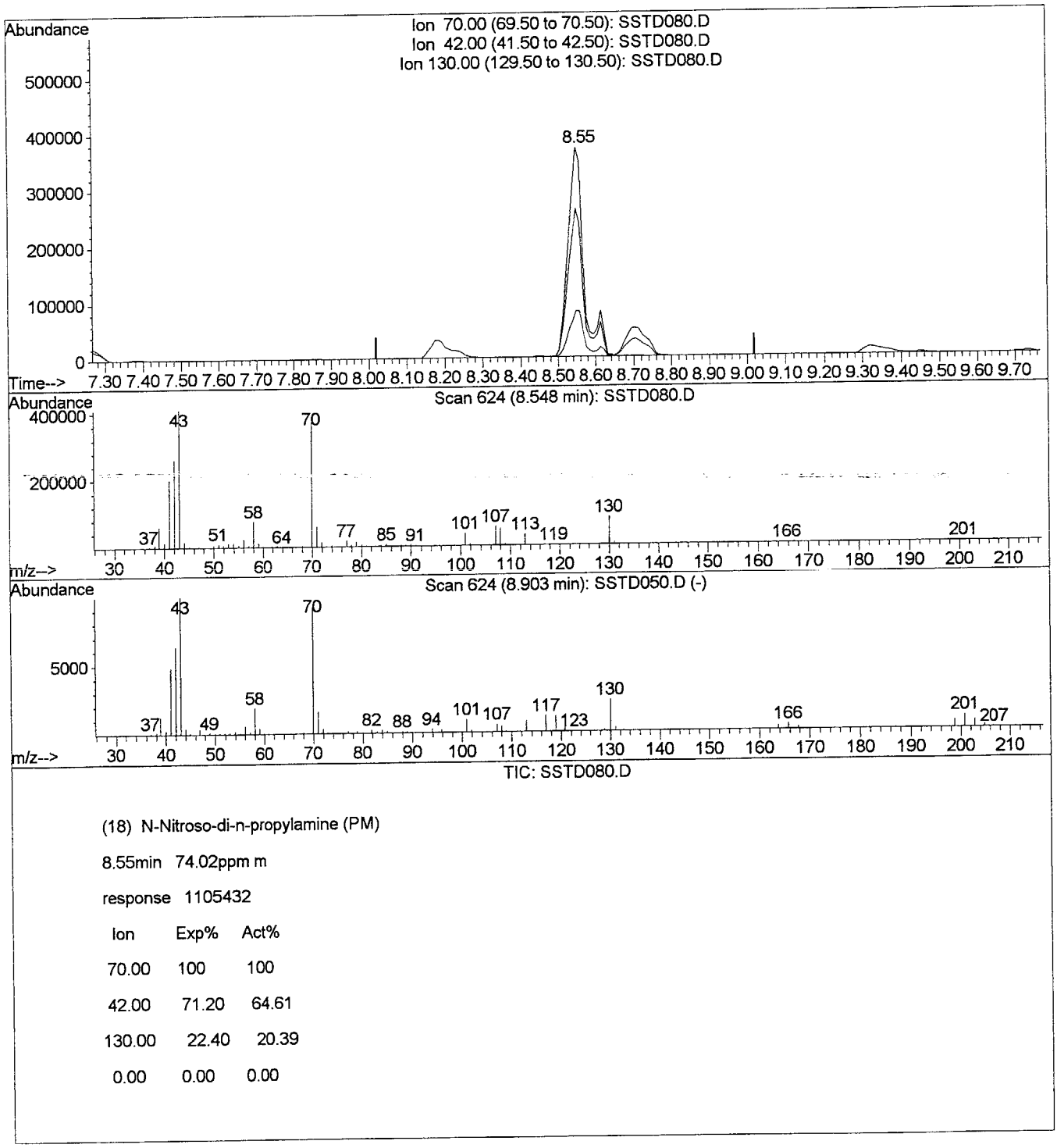
SSTD080.D H7K07SV.M Wed Nov 07 15:21:18 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:21 2007 Quant Method: H7K07SV.M

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD080.D

(18) N-Nitroso-di-n-propylamine (PM)

8.55min 74.02ppm m

response 1105432

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	64.61
130.00	22.40	20.39
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:20 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	464912	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	10.23	136	1416871	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	701520	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.78	188	971523	40.00	ppm	0.01
71) Chrysene-d12 (IS)	22.31	240	693548	40.00	ppm	0.01
82) Perylene-d12 (IS)	25.30	264	659661	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	1428173	76.00	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 76.00%			
7) Phenol-d6 (SU)	6.97	99	1793757	74.98	ppm	0.04
Spiked Amount 100.000	Range 40 - 120		Recovery = 74.98%			
21) Nitrobenzene-d5 (SU)	8.70	82	1380850	82.03	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 164.06%#			
40) 2-Fluorobiphenyl (SU)	12.87	172	1821795	75.83	ppm	0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 151.66%#			
62) 2,4,6-Tribromophenol (SU)	16.25	330	301136	97.66	ppm	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.66%			
74) Terphenyl-d14 (SU)	20.84	244	1420991	76.77	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 153.54%#			

Target Compounds						Qvalue
3) Pyridine	2.95	79	2033214	76.16	ppm #	69
4) n-Nitrosodimethylamine	3.04	74	1396334	76.36	ppm	96
5) bis(2-Chloroethyl)ether	7.03	93	1703497	77.51	ppm	92
6) Aniline	6.85	93	2234023	73.66	ppm	92
8) Phenol	6.99	94	1900520	75.76	ppm	90
9) 2-Chlorophenol	7.05	128	1312885	76.13	ppm	97
10) n-Decane	7.18	57	2313845	73.00	ppm	99
11) 1,3-Dichlorobenzene	7.29	146	1279890	76.59	ppm	99
12) 1,4-Dichlorobenzene	7.41	146	1527497	78.63	ppm	98
13) 1,2-Dichlorobenzene	7.81	146	1335555	78.11	ppm	99
14) Benzyl alcohol	7.87	108	836295	77.68	ppm	99
15) bis(2-chloroisopropyl)ethe	8.18	45	3526555	73.29	ppm	99
16) 2-Methylphenol	8.21	107	996990	76.52	ppm	98
17) Hexachloroethane	8.45	117	555849	77.89	ppm	99
18) N-Nitroso-di-n-propylamine	8.55	70	1002499	67.13	ppm	100
19) 4-Methylphenol	8.59	107	1336578	75.72	ppm	99
22) Nitrobenzene	8.76	77	1414915	81.81	ppm	99
23) Isophorone	9.32	82	2638960	79.98	ppm	99
24) 2-Nitrophenol	9.46	139	741005	85.28	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:20 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.74	122	1020578	79.26	ppm		100
26) bis(2-Chloroethoxy)methane	9.91	93	1587328	78.84	ppm		99
27) 2,4-Dichlorophenol	10.06	162	940229	86.79	ppm		99
28) 1,2,4-Trichlorobenzene	10.15	180	975462	83.66	ppm		100
29) Benzoic Acid	10.40	122	549982	66.03	ppm	#	64
30) Naphthalene	10.28	128	2664706	75.97	ppm		100
31) 4-Chloroaniline	10.56	127	1230829	80.77	ppm		99
32) Hexachlorobutadiene	10.75	225	496798	96.14	ppm		98
33) 4-Chloro-3-methylphenol	11.82	107	871432	82.83	ppm		100
34) 2-Methylnaphthalene	11.88	141	1528505	77.32	ppm		99
35) 2,3-Dichloroaniline	12.67	161	962574	84.21	ppm		99
37) Hexachlorocyclopentadiene	12.43	237	368110	90.81	ppm		99
38) 2,4,6-Trichlorophenol	12.70	196	596307	89.22	ppm		99
39) 2,4,5-Trichlorophenol	12.79	196	649318	91.32	ppm		99
41) 2-Chloronaphthalene	13.01	162	1565823	77.36	ppm		98
42) 2-Nitroaniline	13.44	65	690522	76.59	ppm		98
43) 1,3-Dinitrobenzene	14.00	168	340683	81.93	ppm	#	38
44) Acenaphthylene	13.97	152	2304848	78.76	ppm		100
45) Dimethylphthalate	14.05	163	1794587	77.08	ppm		100
46) 2,6-Dinitrotoluene	14.16	165	487881	83.59	ppm		99
47) Acenaphthene	14.43	154	1427488	75.75	ppm		100
48) 3-Nitroaniline	14.45	138	466977	84.10	ppm		100
49) 2,4-Dinitrophenol	14.68	184	290952	75.76	ppm		99
50) Dibenzofuran	14.82	168	2091496	79.32	ppm		98
51) 2,4-Dinitrotoluene	15.05	165	606011	88.51	ppm		97
52) 4-Nitrophenol	15.05	109	168475	90.67	ppm		92
53) Fluorene	15.61	166	1703904	80.66	ppm		98
54) 4-Chlorophenyl-phenylether	15.71	204	845867	84.08	ppm		100
55) Diethylphthalate	15.73	149	1587079	74.21	ppm		99
56) Azobenzene	16.07	77	2263965	77.85	ppm	#	91
57) 4-Nitroaniline	15.95	138	426056	88.27	ppm		97
58) n-Octadecane	17.86	57	1532524	80.70	ppm		99
60) 4,6-Dinitro-2-methylphenol	16.02	198	381981	78.99	ppm		83
61) n-Nitrosodiphenylamine	16.05	169	1064376	72.47	ppm		96
63) 4-Bromophenyl-phenylether	16.83	248	511162	84.31	ppm		99
64) Hexachlorobenzene	17.09	284	575523	89.63	ppm		99
65) Pentachlorophenol	17.58	266	360989	94.84	ppm		97
66) Phenanthrene	17.84	178	2037650	74.05	ppm		100
67) Anthracene	17.95	178	1969792	71.68	ppm		99
68) Carbazole	18.39	167	1629037	76.39	ppm		99
69) Di-n-butylphthalate	19.35	149	2898080	75.40	ppm		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:20 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.15	202	2234815	87.95	ppm	100
72) Pyrene	20.49	202	2191232	72.32	ppm	100
73) 2,2'-Dichlorobenzil	20.70	139	1666552	74.56	ppm	99
75) Benzidine	20.44	184	644109	72.53	ppm	100
76) Butylbenzylphthalate	21.64	149	1237950	77.65	ppm	100
77) 3,3'-Dichlorobenzidine	22.32	252	619898	96.34	ppm	100
78) Benzo[a]anthracene	22.28	228	1760764	81.36	ppm	99
79) Chrysene	22.36	228	1500969	75.57	ppm	100
80) bis(2-Ethylhexyl)phthalate	22.57	149	1462218	74.04	ppm	99
81) Di-n-octylphthalate	23.72	149	2169534	84.40	ppm	100
83) Benzo[b]fluoranthene	24.37	252	1897104	81.80	ppm	99
84) Benzo[k]fluoranthene	24.44	252	1462132	69.05	ppm	100
85) Benzo[a]pyrene	25.16	252	1550026	81.38	ppm	100
86) Indeno[1,2,3-cd]pyrene	27.76	276	1452114	88.68	ppm	99
87) Dibenz[a,h]anthracene	27.84	278	1489327	90.22	ppm	98
88) Benzo[g,h,i]perylene	28.34	276	1446515	85.63	ppm	99

(#) = qualifier out of range (m) = manual integration

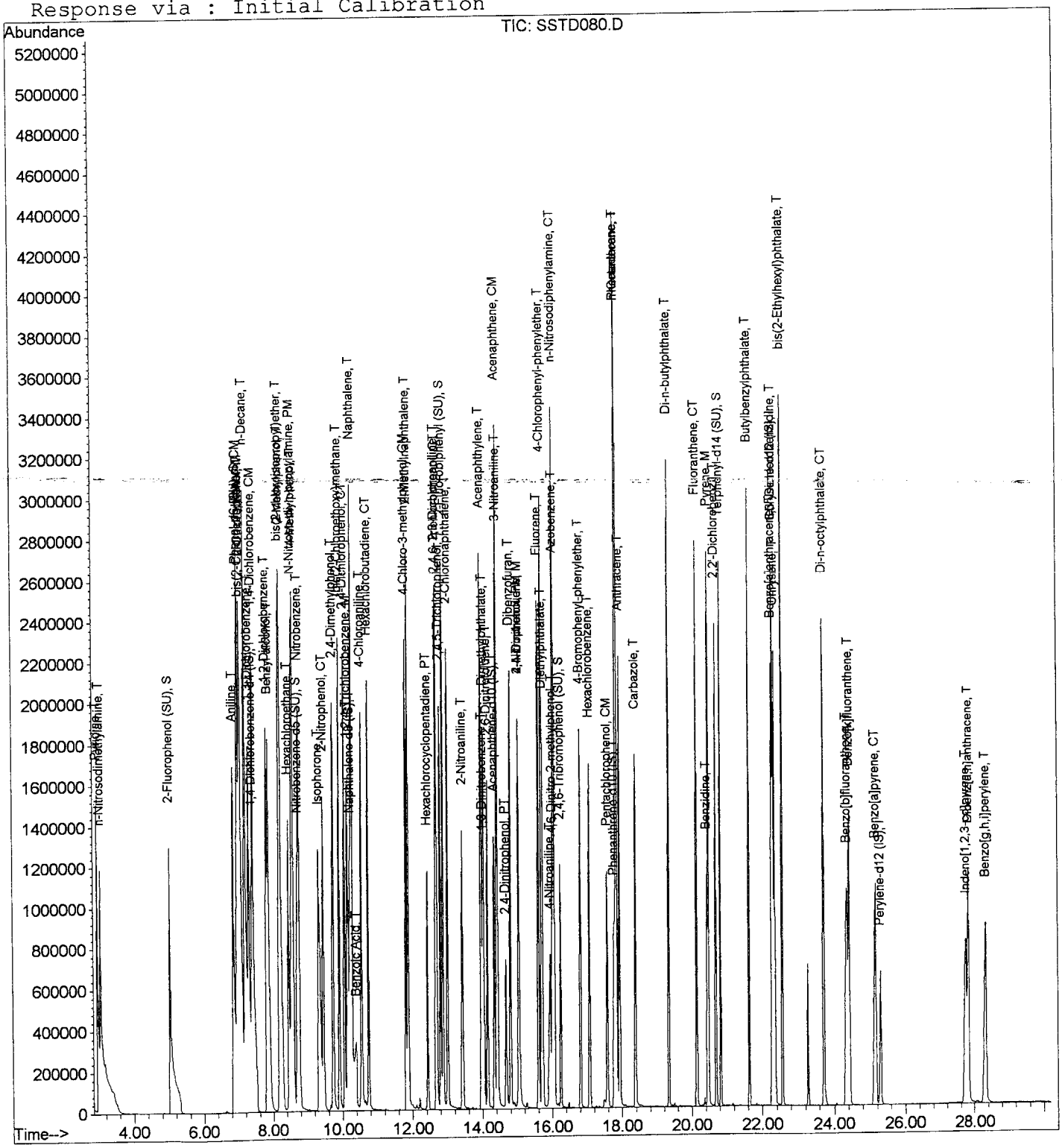
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:20 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	399216	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.26	136	1249888	40.00	ppm	0.03
36) Acenaphthene-d10 (IS)	14.35	164	625135	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.81	188	893039	40.00	ppm	0.04
71) Chrysene-d12 (IS)	22.32	240	631958	40.00	ppm	0.02
82) Perylene-d12 (IS)	25.32	264	634003	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	2039357	126.39	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 126.39%#			
7) Phenol-d6 (SU)	6.99	99	2482389	120.84	ppm	0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.84%#			
21) Nitrobenzene-d5 (SU)	8.73	82	1900240	127.96	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 255.92%#			
40) 2-Fluorobiphenyl (SU)	12.89	172	2405392	112.36	ppm	0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 224.72%#			
62) 2,4,6-Tribromophenol (SU)	16.28	330	418840	147.63	ppm	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.63%#			
74) Terphenyl-d14 (SU)	20.85	244	1953779	115.84	ppm	0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 231.68%#			

Target Compounds						Qvalue
3) Pyridine	2.95	79	2908945	126.89	ppm #	6
4) n-Nitrosodimethylamine	3.04	74	1963926	125.08	ppm	98
5) bis(2-Chloroethyl)ether	7.03	93	2458257m	130.26	ppm	
6) Aniline	6.86	93	3064662	117.67	ppm	91
8) Phenol	7.02	94	2583152	119.92	ppm #	68
9) 2-Chlorophenol	7.06	128	1770076	119.53	ppm	98
10) n-Decane	7.19	57	3166185	116.33	ppm	100
11) 1,3-Dichlorobenzene	7.31	146	1619813	112.88	ppm	96
12) 1,4-Dichlorobenzene	7.42	146	2002388	120.04	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	1759259	119.83	ppm	99
14) Benzyl alcohol	7.89	108	1155363	124.97	ppm	99
15) bis(2-chloroisopropyl)ethe	8.18	45	4917300	119.02	ppm	100
16) 2-Methylphenol	8.22	107	1360035	121.57	ppm	97
17) Hexachloroethane	8.45	117	740972	120.92	ppm	99
18) N-Nitroso-di-n-propylamine	8.58	70	1522616m	118.74	ppm	
19) 4-Methylphenol	8.62	107	1781063	117.51	ppm	100
22) Nitrobenzene	8.78	77	1903510	124.77	ppm	99
23) Isophorone	9.36	82	3746278m	128.70	ppm	
24) 2-Nitrophenol	9.48	139	1005541	131.19	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.77	122	1385913	122.01 ppm		98
26) bis(2-Chloroethoxy)methane	9.94	93	2200711	123.90 ppm		99
27) 2,4-Dichlorophenol	10.09	162	1224389	128.12 ppm		98
28) 1,2,4-Trichlorobenzene	10.15	180	1252694	121.79 ppm		99
29) Benzoic Acid	10.49	122	811825	105.24 ppm	#	73
30) Naphthalene	10.30	128	3484128	112.60 ppm		99
31) 4-Chloroaniline	10.58	127	1647371	122.54 ppm		97
32) Hexachlorobutadiene	10.76	225	638290	140.03 ppm		99
33) 4-Chloro-3-methylphenol	11.84	107	1228220	132.34 ppm		91
34) 2-Methylnaphthalene	11.91	141	2149107	123.25 ppm		90
35) 2,3-Dichloroaniline	12.68	161	1298622	128.79 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	521171	142.62 ppm		99
38) 2,4,6-Trichlorophenol	12.72	196	777744	130.59 ppm		99
39) 2,4,5-Trichlorophenol	12.81	196	840414	132.63 ppm		98
41) 2-Chloronaphthalene	13.03	162	2055763	113.98 ppm		97
42) 2-Nitroaniline	13.46	65	1002355	122.50 ppm		96
43) 1,3-Dinitrobenzene	14.04	168	465629	124.81 ppm	#	46
44) Acenaphthylene	13.99	152	3132161	120.11 ppm		99
45) Dimethylphthalate	14.09	163	2434339	117.33 ppm		100
46) 2,6-Dinitrotoluene	14.19	165	665434	127.94 ppm		95
47) Acenaphthene	14.45	154	1927076	114.75 ppm		100
48) 3-Nitroaniline	14.49	138	657439	132.88 ppm		98
49) 2,4-Dinitrophenol	14.71	184	433086	122.31 ppm		93
50) Dibenzofuran	14.84	168	2743164	116.74 ppm		95
51) 2,4-Dinitrotoluene	15.08	165	843724	138.28 ppm		94
52) 4-Nitrophenol	15.08	109	252302	151.56 ppm	#	87
53) Fluorene	15.63	166	2266843	120.41 ppm		99
54) 4-Chlorophenyl-phenylether	15.72	204	1126246	125.62 ppm		98
55) Diethylphthalate	15.76	149	2178683	114.32 ppm		100
56) Azobenzene	16.10	77	3025860	116.76 ppm	#	90
57) 4-Nitroaniline	16.02	138	623618m	145.64 ppm		
58) n-Octadecane	17.88	57	1953763	116.82 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.07	198	522376	116.51 ppm		81
61) n-Nitrosodiphenylamine	16.08	169	1374156	101.78 ppm		96
63) 4-Bromophenyl-phenylether	16.84	248	699828	125.58 ppm		99
64) Hexachlorobenzene	17.11	284	798073	135.21 ppm		98
65) Pentachlorophenol	17.60	266	535534	153.07 ppm		98
66) Phenanthrene	17.87	178	2690350	106.37 ppm		99
67) Anthracene	17.98	178	2667397	105.59 ppm		99
68) Carbazole	18.42	167	2332256	118.98 ppm		98
69) Di-n-butylphthalate	19.36	149	3890496	110.11 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.16	202	3044243	130.33 ppm	99
72) Pyrene	20.51	202	2879035	104.28 ppm	100
73) 2,2'-Dichlorobenzil	20.71	139	2276987	111.80 ppm	98
75) Benzidine	20.45	184	900099	110.43 ppm	98
76) Butylbenzylphthalate	21.65	149	1660017	114.28 ppm	99
77) 3,3'-Dichlorobenzidine	22.33	252	879278	149.97 ppm	99
78) Benzo[a]anthracene	22.30	228	2432543	123.36 ppm	100
79) Chrysene	22.38	228	2044621	112.97 ppm	100
80) bis(2-Ethylhexyl)phthalate	22.58	149	1984661	110.28 ppm	99
81) Di-n-octylphthalate	23.74	149	2944354	125.70 ppm	100
83) Benzo[b]fluoranthene	24.41	252	3234456	145.11 ppm	98
84) Benzo[k]fluoranthene	24.48	252	1386885	68.14 ppm	98
85) Benzo[a]pyrene	25.20	252	2162232	118.12 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.80	276	2330079	148.05 ppm	99
87) Dibenz[a,h]anthracene	27.88	278	2207475	139.13 ppm	96
88) Benzo[g,h,i]perylene	28.39	276	2148431	132.33 ppm	98

(#) = qualifier out of range (m) = manual integration

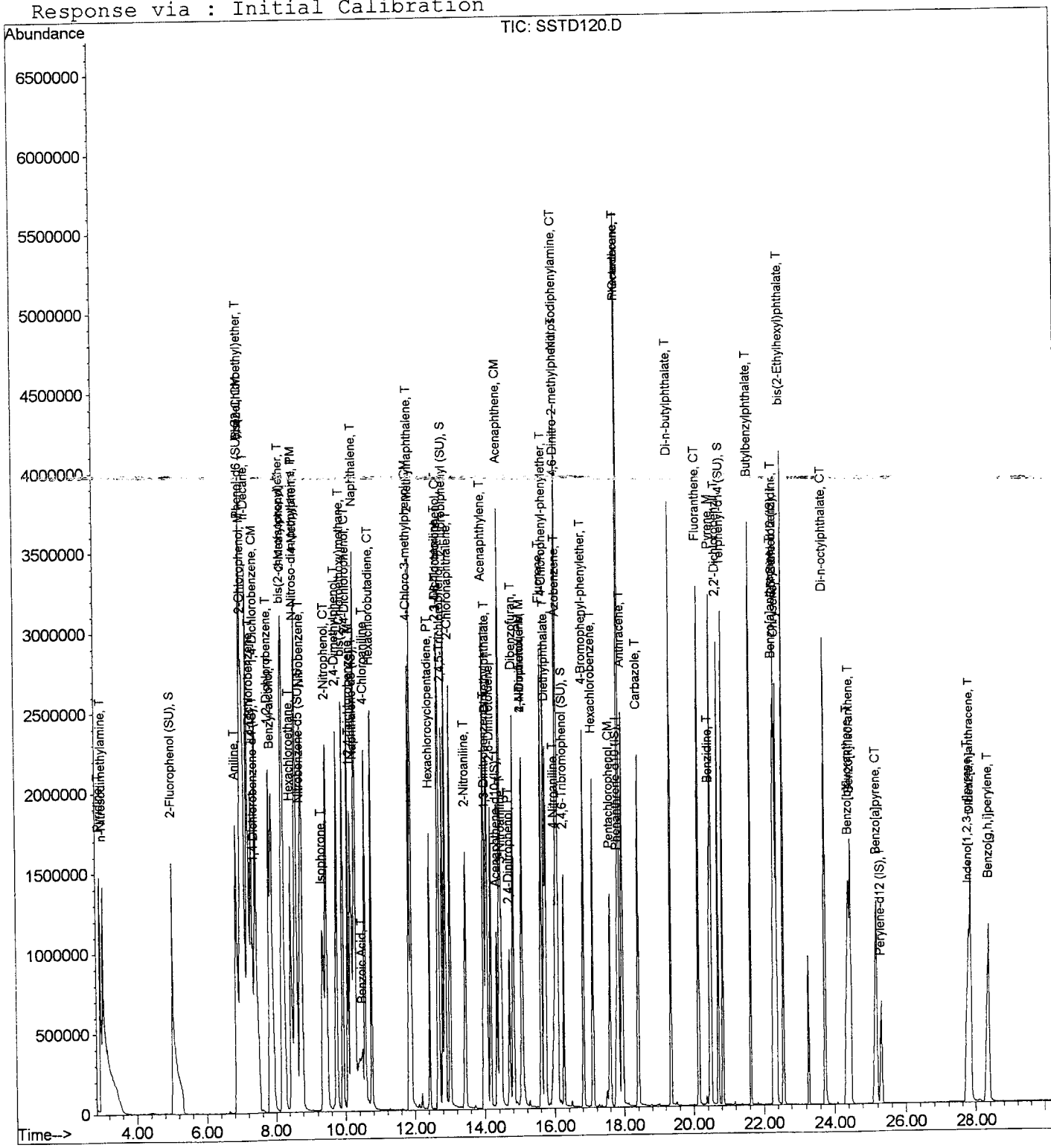
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

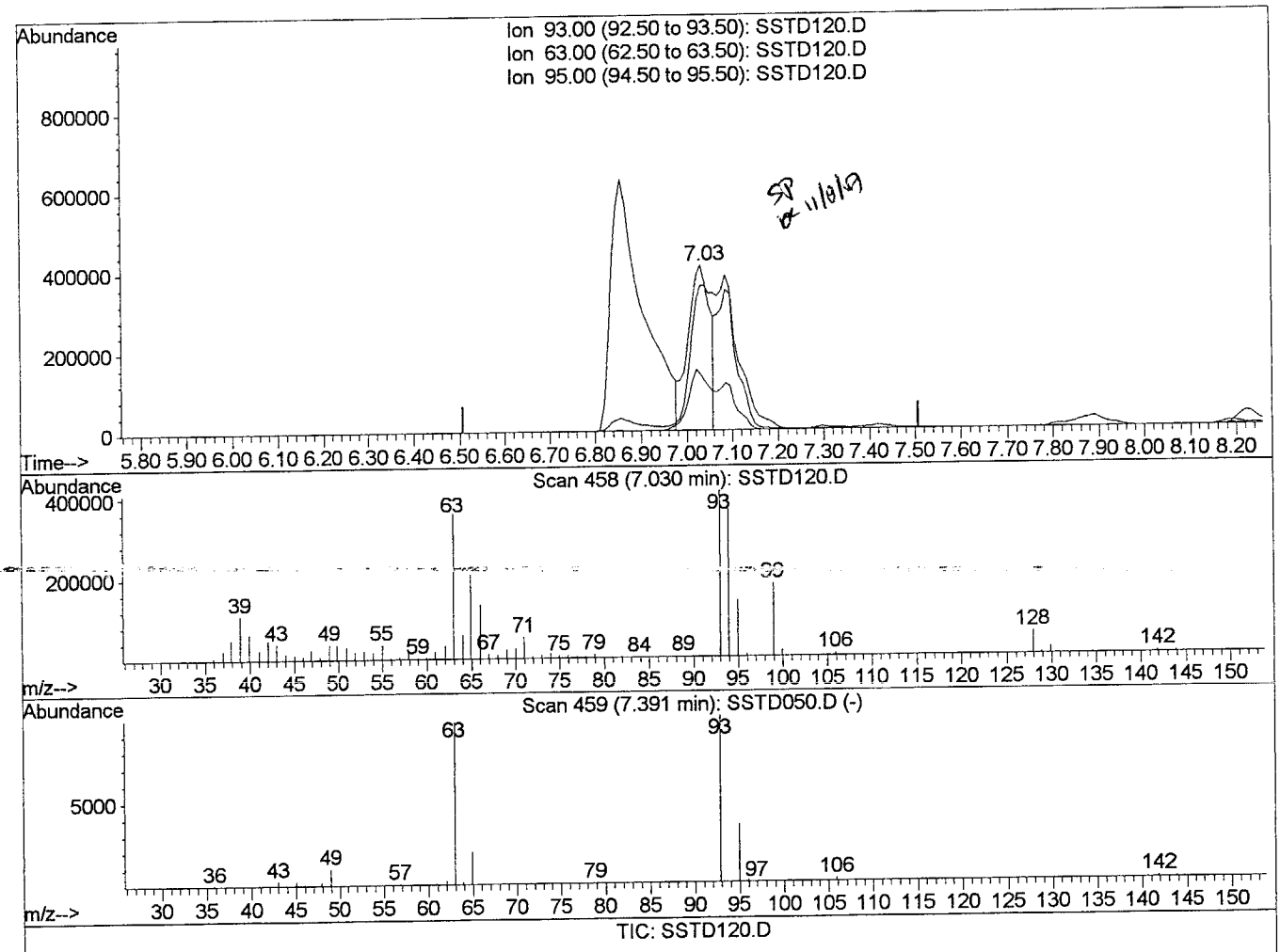


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD120.D

(5) bis(2-Chloroethyl)ether (T)

7.03min 74.53ppm

response 1406537

Ion	Exp%	Act%
93.00	100	100
63.00	119.60	100.71
95.00	38.10	38.85
0.00	0.00	0.00

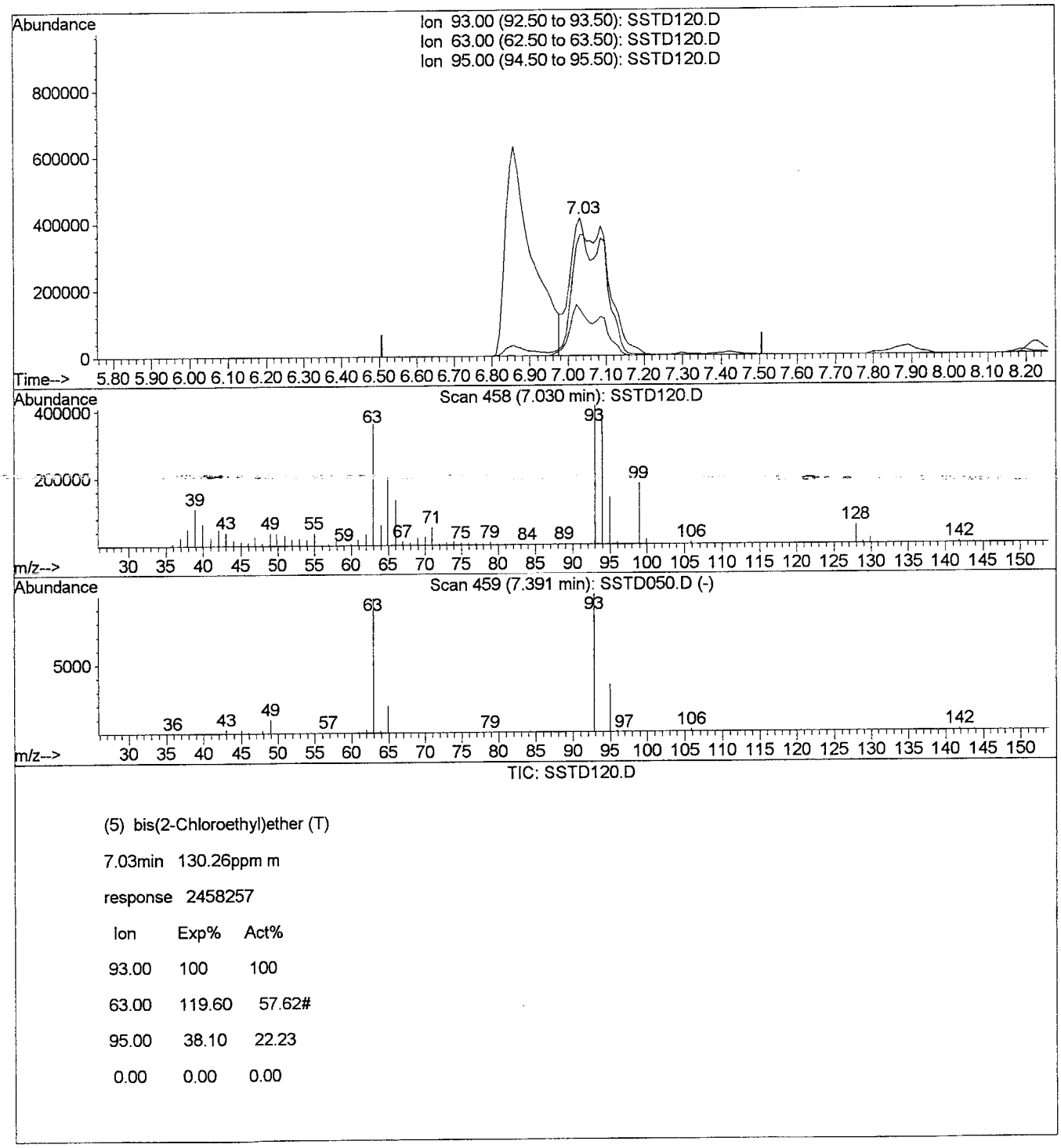
SSTD120.D H7K07SV.M Wed Nov 07 17:09:01 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(5) bis(2-Chloroethyl)ether (T)

7.03min 130.26ppm m

response 2458257

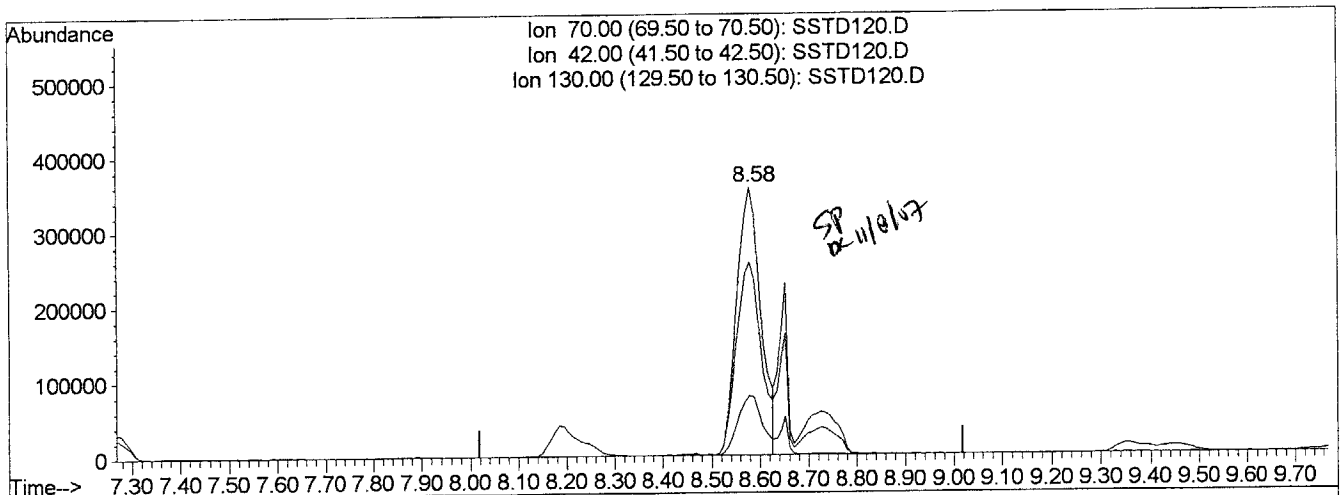
Ion	Exp%	Act%
93.00	100	100
63.00	119.60	57.62#
95.00	38.10	22.23
0.00	0.00	0.00

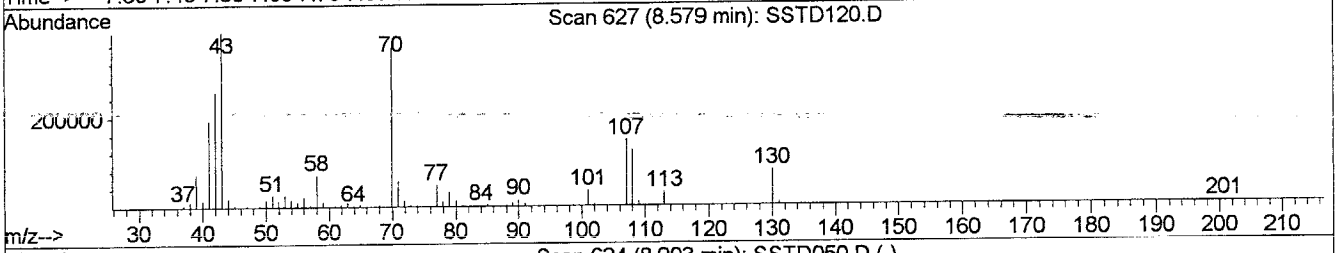
Quantitation Report

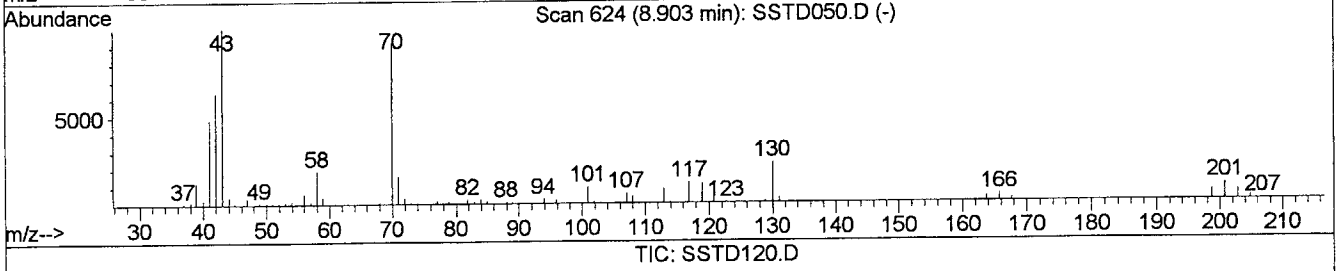
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:08 2007 Quant Method: H7K07P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration







TIC: SSTD120.D

(18) N-Nitroso-di-n-propylamine (PM)

8.58min 94.96ppm

response 1217625

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	75.03
130.00	22.40	22.51
0.00	0.00	0.00

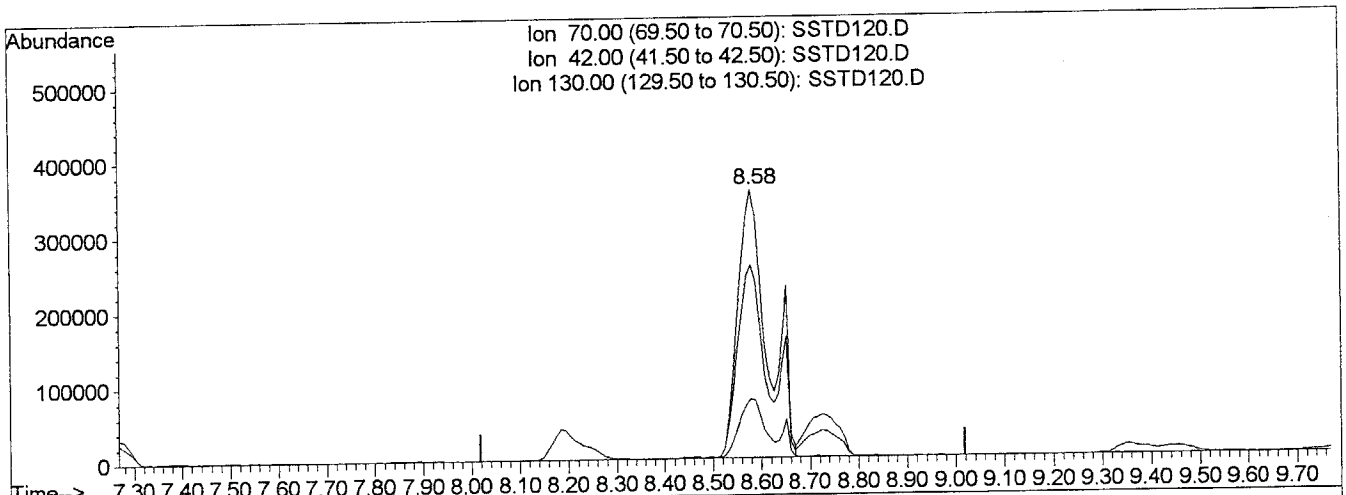
SSTD120.D H7K07SV.M Wed Nov 07 17:09:15 2007

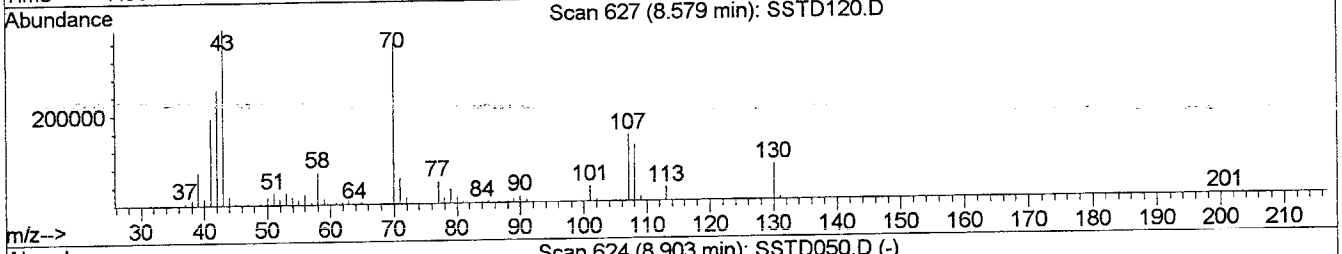
Quantitation Report

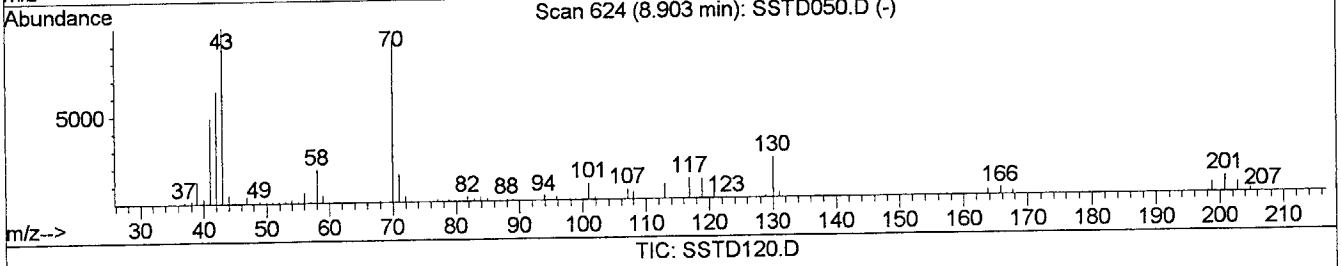
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE2NOV07P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration







TIC: SSTD120.D

(18) N-Nitroso-di-n-propylamine (PM)

8.58min 118.74ppm m

response 1522616

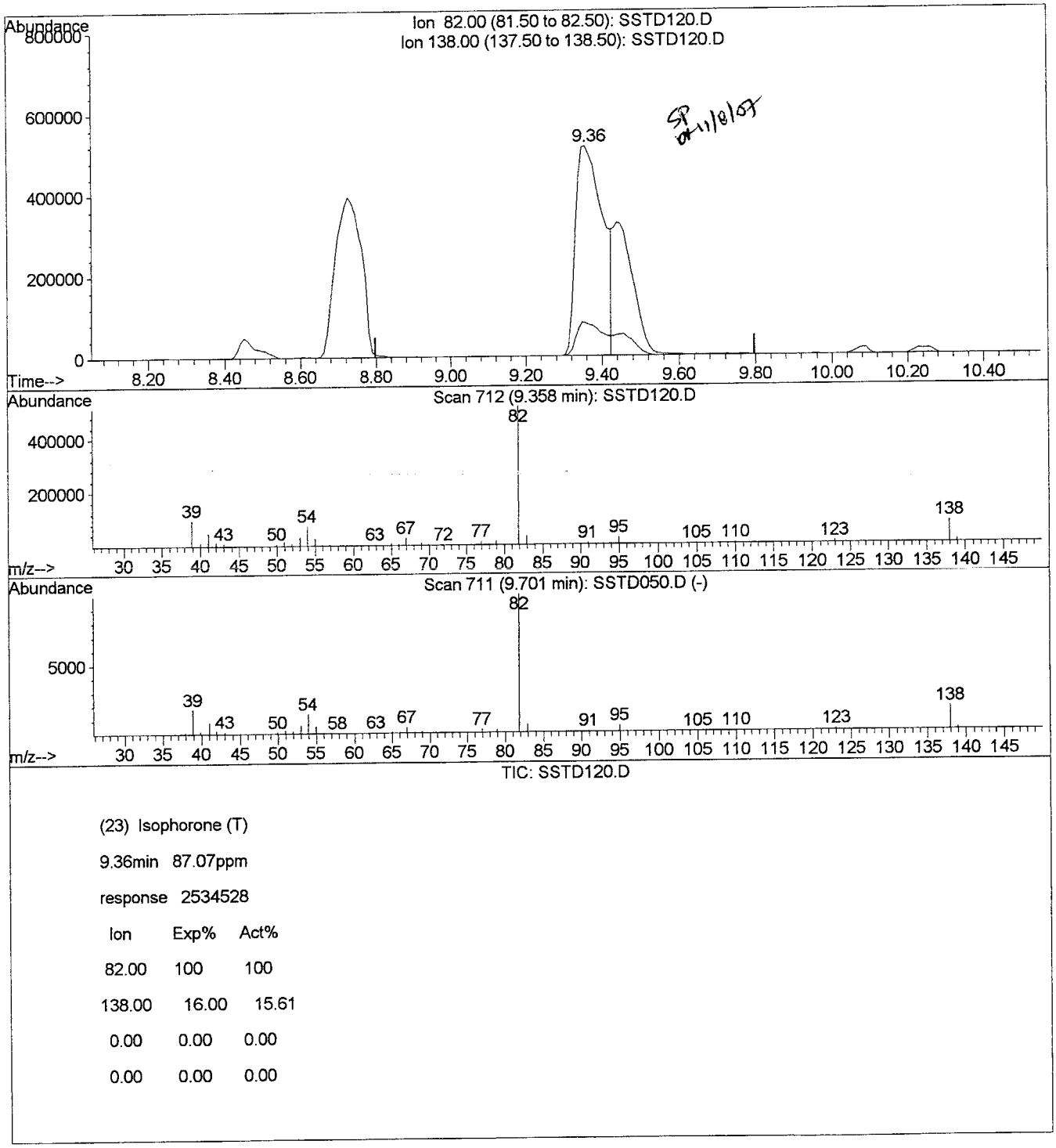
Ion	Exp%	Act%
70.00	100	100
42.00	71.20	60.00
130.00	22.40	18.00
0.00	0.00	0.00

SSTD120.D H7K07SV.M Wed Nov 07 17:09:31 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
Quant Method : C:\GCMS8\METHODS\H7K07SV.M (RTE Integrator)
Quant Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res



(23) Isophorone (T)

9.36min 87.07ppm

response 2534528

Ion	Exp%	Act%
82.00	100	100
138.00	16.00	15.61
0.00	0.00	0.00
0.00	0.00	0.00

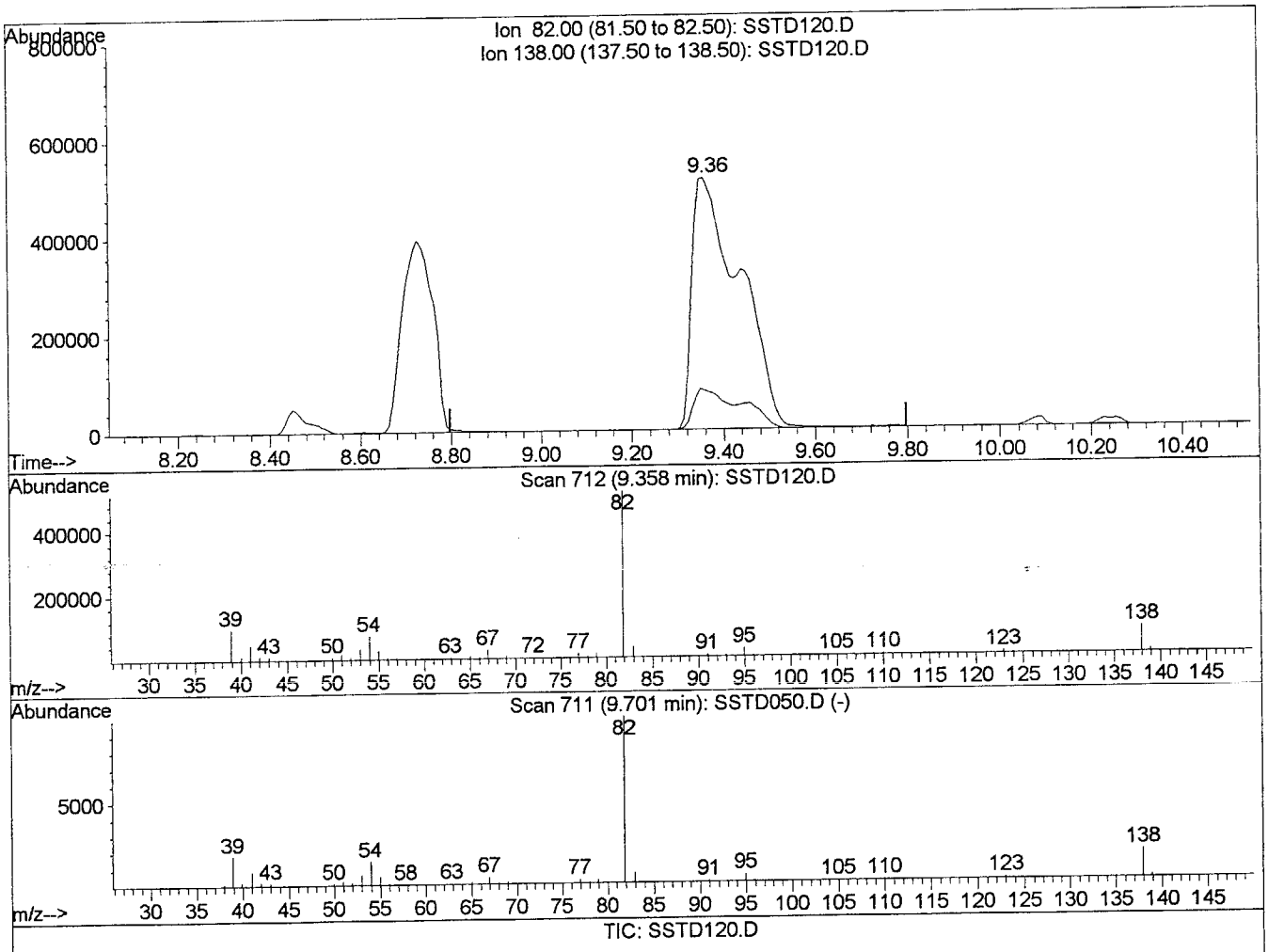
SSTD120.D H7K07SV.M Wed Nov 07 17:09:37 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
Quant Method : C:\GCMS8\METHODS\H7K07SV.M (RTE Integrator)

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD120.D

(23) Isophorone (T)

9.36min 128.70ppm m

response 3746278

Ion	Exp%	Act%
82.00	100	100
138.00	16.00	10.56
0.00	0.00	0.00
0.00	0.00	0.00

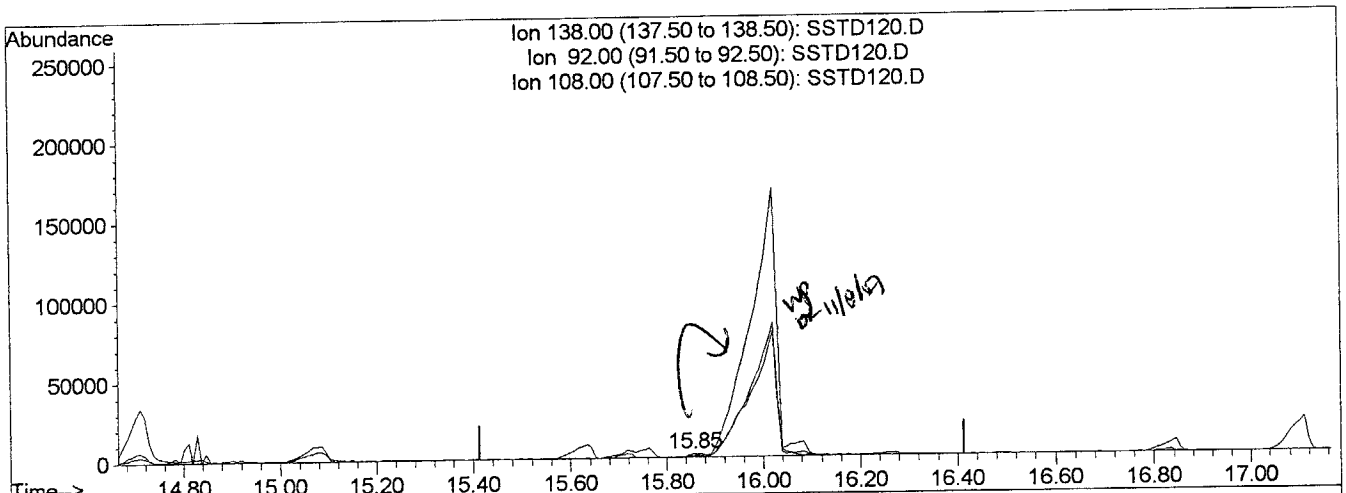
SSTD120.D H7K07SV.M Wed Nov 07 17:09:42 2007

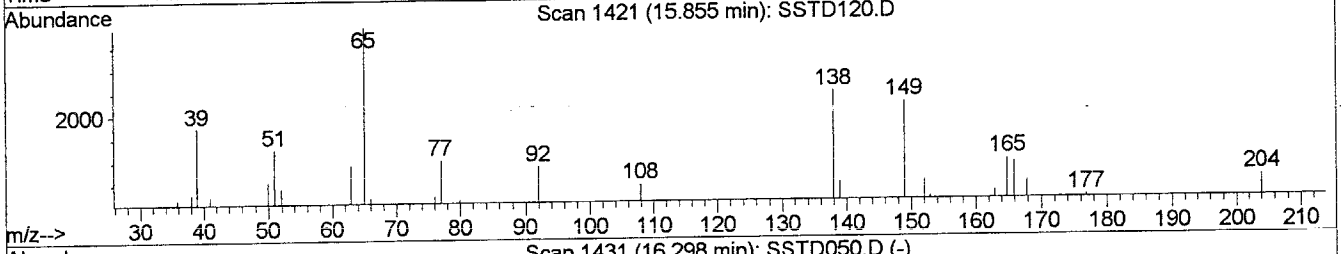
Quantitation Report

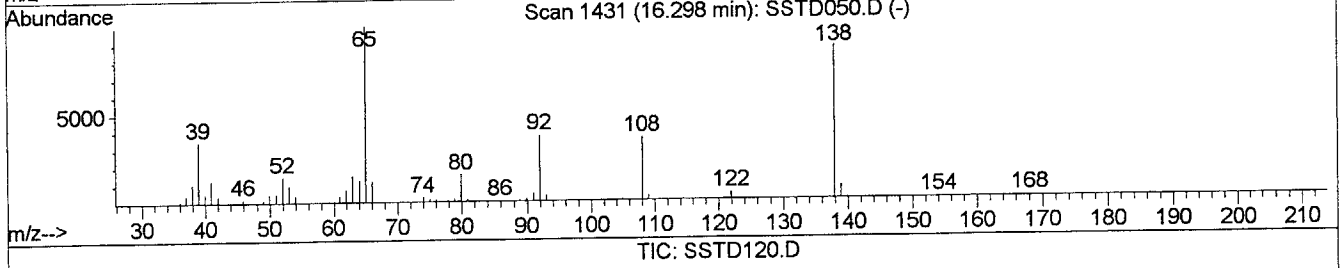
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE2ND7P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration







TIC: SSTD120.D

(57) 4-Nitroaniline (T)

15.85min 0.17ppm

response 5030

Ion	Exp%	Act%
138.00	100	100
92.00	43.80	55.03
108.00	45.00	45.47
0.00	0.00	0.00

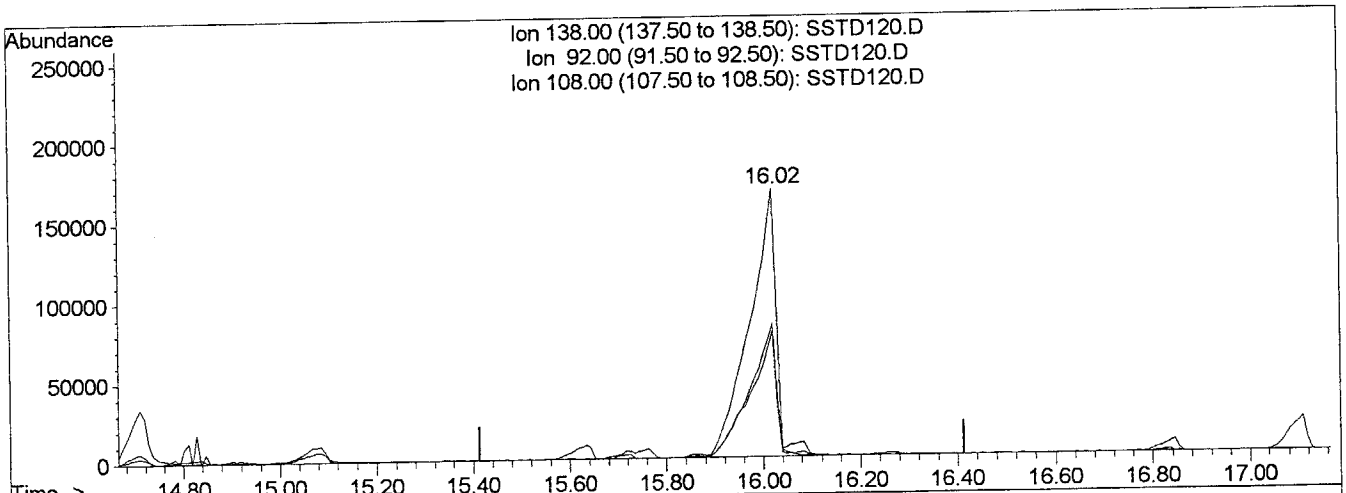
SSTD120.D H7K07SV.M Wed Nov 07 17:09:59 2007

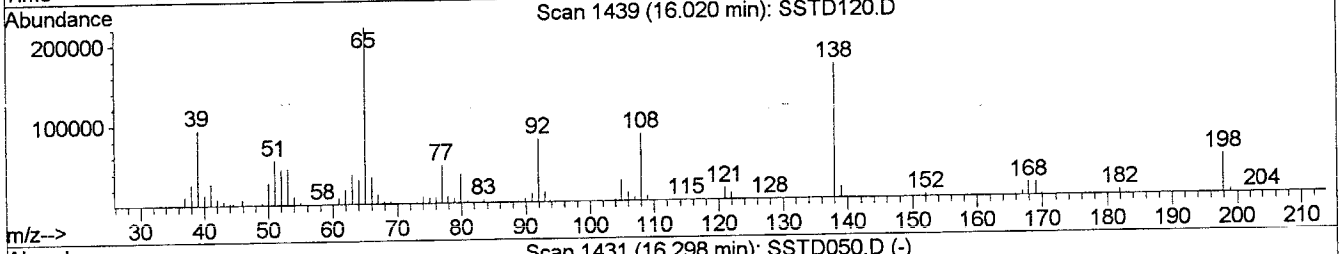
Quantitation Report

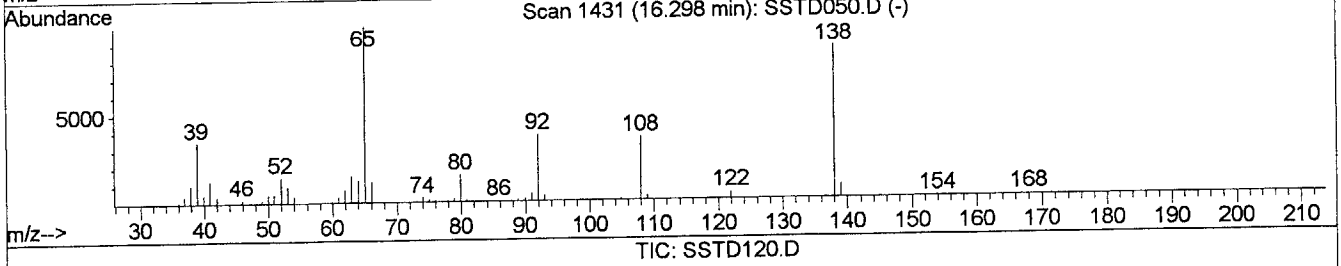
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
Quant Method : C:\GCMS8\METHODS\H7NOV07P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration







TIC: SSTD120.D

(57) 4-Nitroaniline (T)

16.02min 145.64ppm m

response 623618

Ion	Exp%	Act%
138.00	100	100
92.00	43.80	0.44#
108.00	45.00	0.37#
0.00	0.00	0.00

SSTD120.D H7K07SV.M Wed Nov 07 17:10:03 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	399216	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.26	136	1249888	40.00	ppm	0.03
36) Acenaphthene-d10 (IS)	14.35	164	625135	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.81	188	893039	40.00	ppm	0.04
71) Chrysene-d12 (IS)	22.32	240	631958	40.00	ppm	0.02
82) Perylene-d12 (IS)	25.32	264	634003	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	2039357	126.39	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 126.39%#			
7) Phenol-d6 (SU)	6.99	99	2482389	120.84	ppm	0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.84%#			
21) Nitrobenzene-d5 (SU)	8.73	82	1900240	127.96	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 255.92%#			
40) 2-Fluorobiphenyl (SU)	12.89	172	2405392	112.36	ppm	0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 224.72%#			
62) 2,4,6-Tribromophenol (SU)	16.28	330	418840	147.63	ppm	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.63%#			
74) Terphenyl-d14 (SU)	20.85	244	1953779	115.84	ppm	0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 231.68%#			

Target Compounds						Qvalue
3) Pyridine	2.95	79	2908945	126.89	ppm #	6
4) n-Nitrosodimethylamine	3.04	74	1963926	125.08	ppm	98
5) bis(2-Chloroethyl)ether	7.03	93	1406537	74.53	ppm	87
6) Aniline	6.86	93	3064662	117.67	ppm	91
8) Phenol	7.02	94	2583152	119.92	ppm #	68
9) 2-Chlorophenol	7.06	128	1770076	119.53	ppm	98
10) n-Decane	7.19	57	3166185	116.33	ppm	100
11) 1,3-Dichlorobenzene	7.31	146	1619813	112.88	ppm	96
12) 1,4-Dichlorobenzene	7.42	146	2002388	120.04	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	1759259	119.83	ppm	99
14) Benzyl alcohol	7.89	108	1155363	124.97	ppm	99
15) bis(2-chloroisopropyl)ethe	8.18	45	4917300	119.02	ppm	100
16) 2-Methylphenol	8.22	107	1360035	121.57	ppm	97
17) Hexachloroethane	8.45	117	740972	120.92	ppm	99
18) N-Nitroso-di-n-propylamine	8.58	70	1217625	94.96	ppm	96
19) 4-Methylphenol	8.62	107	1781063	117.51	ppm	100
22) Nitrobenzene	8.78	77	1903510	124.77	ppm	99
23) Isophorone	9.36	82	2534528	87.07	ppm	99
24) 2-Nitrophenol	9.48	139	1005541	131.19	ppm	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.77	122	1385913	122.01 ppm		98
26) bis(2-Chloroethoxy)methane	9.94	93	2200711	123.90 ppm		99
27) 2,4-Dichlorophenol	10.09	162	1224389	128.12 ppm		98
28) 1,2,4-Trichlorobenzene	10.15	180	1252694	121.79 ppm		99
29) Benzoic Acid	10.49	122	811825	105.24 ppm	#	73
30) Naphthalene	10.30	128	3484128	112.60 ppm		99
31) 4-Chloroaniline	10.58	127	1647371	122.54 ppm		97
32) Hexachlorobutadiene	10.76	225	638290	140.03 ppm		99
33) 4-Chloro-3-methylphenol	11.84	107	1228220	132.34 ppm		91
34) 2-Methylnaphthalene	11.91	141	2149107	123.25 ppm		90
35) 2,3-Dichloroaniline	12.68	161	1298622	128.79 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	521171	142.62 ppm		99
38) 2,4,6-Trichlorophenol	12.72	196	777744	130.59 ppm		99
39) 2,4,5-Trichlorophenol	12.81	196	840414	132.63 ppm		98
41) 2-Chloronaphthalene	13.03	162	2055763	113.98 ppm		97
42) 2-Nitroaniline	13.46	65	1002355	122.50 ppm		96
43) 1,3-Dinitrobenzene	14.04	168	465629	124.81 ppm	#	46
44) Acenaphthylene	13.99	152	3132161	120.11 ppm		99
45) Dimethylphthalate	14.09	163	2434339	117.33 ppm		100
46) 2,6-Dinitrotoluene	14.19	165	665434	127.94 ppm		95
47) Acenaphthene	14.45	154	1927076	114.75 ppm		100
48) 3-Nitroaniline	14.49	138	657439	132.88 ppm		98
49) 2,4-Dinitrophenol	14.71	184	433086	122.31 ppm		93
50) Dibenzofuran	14.84	168	2743164	116.74 ppm		95
51) 2,4-Dinitrotoluene	15.08	165	843724	138.28 ppm		94
52) 4-Nitrophenol	15.08	109	252302	151.56 ppm	#	87
53) Fluorene	15.63	166	2266843	120.41 ppm		99
54) 4-Chlorophenyl-phenylether	15.72	204	1126246	125.62 ppm		98
55) Diethylphthalate	15.76	149	2178683	114.32 ppm		100
56) Azobenzene	16.10	77	3025860	116.76 ppm	#	90
58) n-Octadecane	17.88	57	1953763	116.82 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.07	198	522376	116.51 ppm		81
61) n-Nitrosodiphenylamine	16.08	169	1374156	101.78 ppm		96
63) 4-Bromophenyl-phenylether	16.84	248	699828	125.58 ppm		99
64) Hexachlorobenzene	17.11	284	798073	135.21 ppm		98
65) Pentachlorophenol	17.60	266	535534	153.07 ppm		98
66) Phenanthrene	17.87	178	2690350	106.37 ppm		99
67) Anthracene	17.98	178	2667397	105.59 ppm		99
68) Carbazole	18.42	167	2332256	118.98 ppm		98
69) Di-n-butylphthalate	19.36	149	3890496	110.11 ppm		99
70) Fluoranthene	20.16	202	3044243	130.33 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	20.51	202	2879035	104.28	ppm	100
73) 2,2'-Dichlorobenzil	20.71	139	2276987	111.80	ppm	98
75) Benzidine	20.45	184	900099	110.43	ppm	98
76) Butylbenzylphthalate	21.65	149	1660017	114.28	ppm	99
77) 3,3'-Dichlorobenzidine	22.33	252	879278	149.97	ppm	99
78) Benzo[a]anthracene	22.30	228	2432543	123.36	ppm	100
79) Chrysene	22.38	228	2044621	112.97	ppm	100
80) bis(2-Ethylhexyl)phthalate	22.58	149	1984661	110.28	ppm	99
81) Di-n-octylphthalate	23.74	149	2944354	125.70	ppm	100
83) Benzo[b]fluoranthene	24.41	252	3234456	145.11	ppm	98
84) Benzo[k]fluoranthene	24.48	252	1386885	68.14	ppm	98
85) Benzo[a]pyrene	25.20	252	2162232	118.12	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.80	276	2330079	148.05	ppm	99
87) Dibenz[a,h]anthracene	27.88	278	2207475	139.13	ppm	96
88) Benzo[g,h,i]perylene	28.39	276	2148431	132.33	ppm	98

(#) = qualifier out of range (m) = manual integration

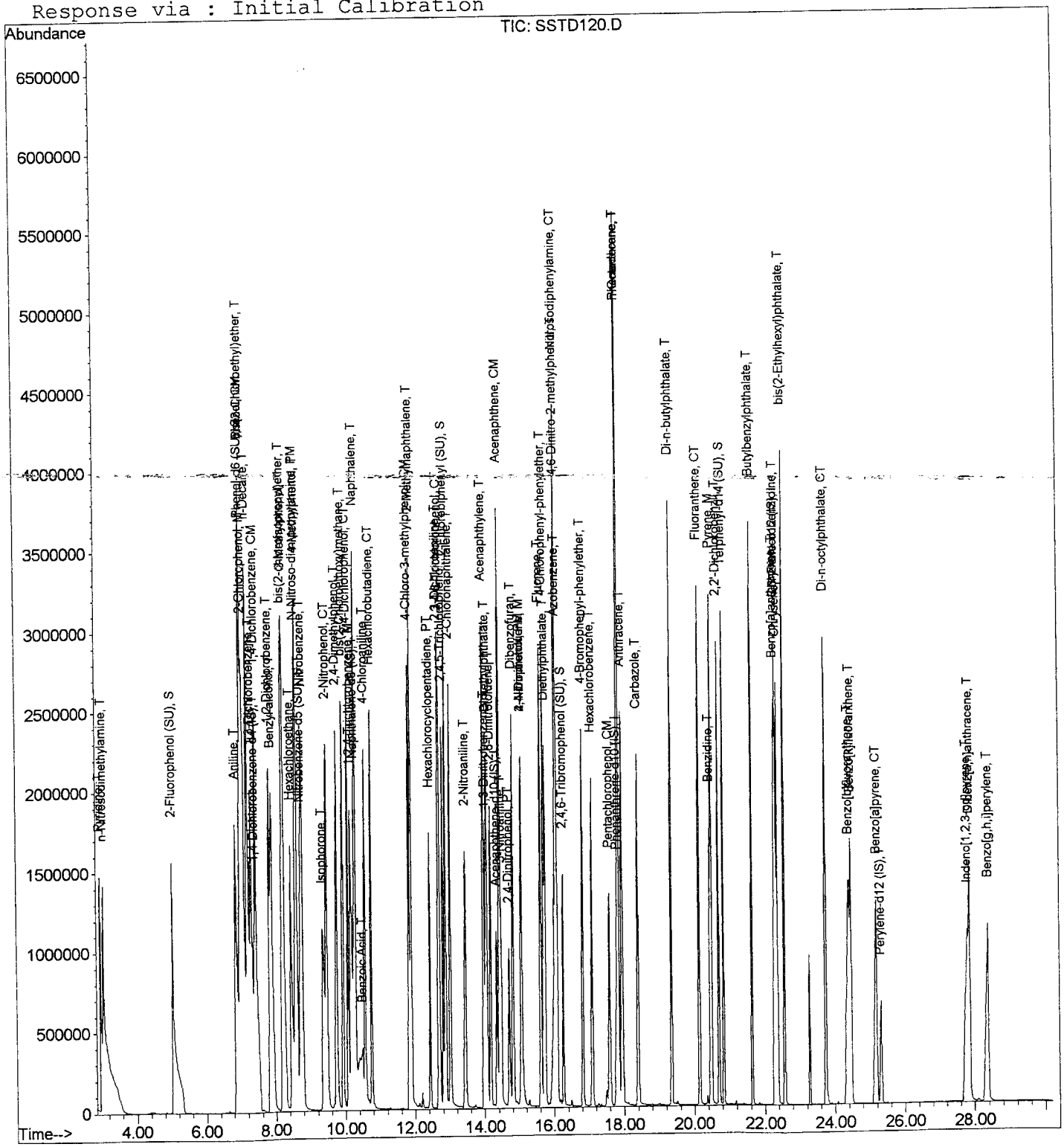
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	369942	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.24	136	1180661	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	14.36	164	605872	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.83	188	851636	40.00	ppm	0.07
71) Chrysene-d12 (IS)	22.34	240	617901	40.00	ppm	0.04
82) Perylene-d12 (IS)	25.34	264	580682	40.00	ppm	0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.04	112	2683774	179.49	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 179.49%#			
7) Phenol-d6 (SU)	7.02	99	3142498	165.08	ppm	0.09
Spiked Amount 100.000	Range 40 - 120		Recovery = 165.08%#			
21) Nitrobenzene-d5 (SU)	8.75	82	2412335	171.97	ppm	0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 343.94%#			
40) 2-Fluorobiphenyl (SU)	12.91	172	2947802	142.08	ppm	0.05
Spiked Amount 50.000	Range 40 - 120		Recovery = 284.16%#			
62) 2,4,6-Tribromophenol (SU)	16.30	330	547530	202.27	ppm	0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 202.27%#			
74) Terphenyl-d14 (SU)	20.86	244	2355617	142.84	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 285.68%#			
Target Compounds						Qvalue
3) Pyridine	2.96	79	3828542	180.22	ppm	# 13
4) n-Nitrosodimethylamine	3.06	74	2597956	178.55	ppm	97
5) bis(2-Chloroethyl)ether	7.05	93	3114646m	178.10	ppm	
6) Aniline	6.87	93	3935019	163.05	ppm	89
8) Phenol	7.05	94	3193397	159.98	ppm	# 68
9) 2-Chlorophenol	7.07	128	2221788m	161.91	ppm	
10) n-Decane	7.20	57	3927073	155.70	ppm	100
11) 1,3-Dichlorobenzene	7.32	146	1972423	148.33	ppm	88
12) 1,4-Dichlorobenzene	7.44	146	2474077	160.05	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	2143374	157.54	ppm	97
14) Benzyl alcohol	7.92	108	1470945	171.70	ppm	98
15) bis(2-chloroisopropyl)ethe	8.20	45	6152855	160.71	ppm	99
16) 2-Methylphenol	8.25	107	1693098	163.31	ppm	99
17) Hexachloroethane	8.46	117	920323	162.07	ppm	98
18) N-Nitroso-di-n-propylamine	8.69	70	1991939m	167.63	ppm	
19) 4-Methylphenol	8.67	107	2240267	159.50	ppm	100
22) Nitrobenzene	8.80	77	2392286	166.00	ppm	98
23) Isophorone	9.40	82	4820029m	175.30	ppm	
24) 2-Nitrophenol	9.49	139	1343128	185.51	ppm	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.80	122	1757751	163.82	ppm		97
26) bis(2-Chloroethoxy)methane	9.96	93	2762504	164.65	ppm		99
27) 2,4-Dichlorophenol	10.12	162	1503686	166.57	ppm		97
28) 1,2,4-Trichlorobenzene	10.17	180	1526692	157.13	ppm		99
29) Benzoic Acid	10.61	122	1095643m	147.03	ppm		
30) Naphthalene	10.32	128	4311413	147.51	ppm		99
31) 4-Chloroaniline	10.59	127	2070833	163.07	ppm		97
32) Hexachlorobutadiene	10.77	225	771868	179.26	ppm		98
33) 4-Chloro-3-methylphenol	11.86	107	1571855	179.30	ppm	#	81
34) 2-Methylnaphthalene	11.92	141	2607882	158.32	ppm	#	84
35) 2,3-Dichloroaniline	12.71	161	1616395	169.70	ppm		99
37) Hexachlorocyclopentadiene	12.44	237	644159	181.10	ppm		99
38) 2,4,6-Trichlorophenol	12.74	196	965806	167.32	ppm		99
39) 2,4,5-Trichlorophenol	12.84	196	1032839	168.18	ppm		96
41) 2-Chloronaphthalene	13.06	162	2561536	146.53	ppm		97
42) 2-Nitroaniline	13.50	65	1301440	162.88	ppm		96
43) 1,3-Dinitrobenzene	14.08	168	601755	165.90	ppm	#	50
44) Acenaphthylene	14.00	152	3902448	154.41	ppm		99
45) Dimethylphthalate	14.12	163	3109106	154.62	ppm		99
46) 2,6-Dinitrotoluene	14.23	165	839963	166.63	ppm		92
47) Acenaphthene	14.47	154	2429617	149.28	ppm		99
48) 3-Nitroaniline	14.53	138	865173	180.42	ppm		97
49) 2,4-Dinitrophenol	14.75	184	594930	170.72	ppm		95
50) Dibenzofuran	14.85	168	3483902	152.98	ppm		94
51) 2,4-Dinitrotoluene	15.13	165	1080686	182.75	ppm		94
52) 4-Nitrophenol	15.12	109	343007	212.11	ppm	#	83
53) Fluorene	15.66	166	2814318	154.25	ppm		99
54) 4-Chlorophenyl-phenylether	15.74	204	1424349	163.93	ppm		97
55) Diethylphthalate	15.81	149	2824415	152.92	ppm		100
56) Azobenzene	16.13	77	3697882	147.23	ppm	#	90
57) 4-Nitroaniline	16.08	138	792212	191.21	ppm		92
58) n-Octadecane	17.89	57	2354367	146.02	ppm		99
60) 4,6-Dinitro-2-methylphenol	16.10	198	666421	155.16	ppm		86
61) n-Nitrosodiphenylamine	16.12	169	1773215	137.73	ppm		95
63) 4-Bromophenyl-phenylether	16.86	248	890594	167.58	ppm		99
64) Hexachlorobenzene	17.13	284	1012344	179.85	ppm		99
65) Pentachlorophenol	17.63	266	721132	216.14	ppm		98
66) Phenanthrene	17.89	178	3374154	139.89	ppm		99
67) Anthracene	18.00	178	3378839	140.26	ppm		99
68) Carbazole	18.44	167	3116213	166.70	ppm		98
69) Di-n-butylphthalate	19.38	149	4903837	145.54	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.18	202	3726588	167.30 ppm	100
72) Pyrene	20.52	202	3579246	132.59 ppm	100
73) 2,2'-Dichlorobenzil	20.73	139	2776881	139.45 ppm	97
75) Benzidine	20.47	184	1042671	130.56 ppm	99
76) Butylbenzylphthalate	21.66	149	2068050	145.61 ppm	98
77) 3,3'-Dichlorobenzidine	22.36	252	1139013	198.68 ppm	99
78) Benzo[a]anthracene	22.31	228	3117772	161.70 ppm	99
79) Chrysene	22.40	228	2593101	146.53 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.59	149	2416454	137.33 ppm	98
81) Di-n-octylphthalate	23.77	149	3753739	163.91 ppm	100
83) Benzo[b]fluoranthene	24.46	252	4393103	215.18 ppm	98
84) Benzo[k]fluoranthene	24.50	252	1414426m	75.88 ppm	
85) Benzo[a]pyrene	25.23	252	2654320	158.32 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.83	276	2587113	179.48 ppm	99
87) Dibenz[a,h]anthracene	27.90	278	2383465	164.01 ppm	96
88) Benzo[g,h,i]perylene	28.41	276	2305985	155.07 ppm	97

(#) = qualifier out of range (m) = manual integration

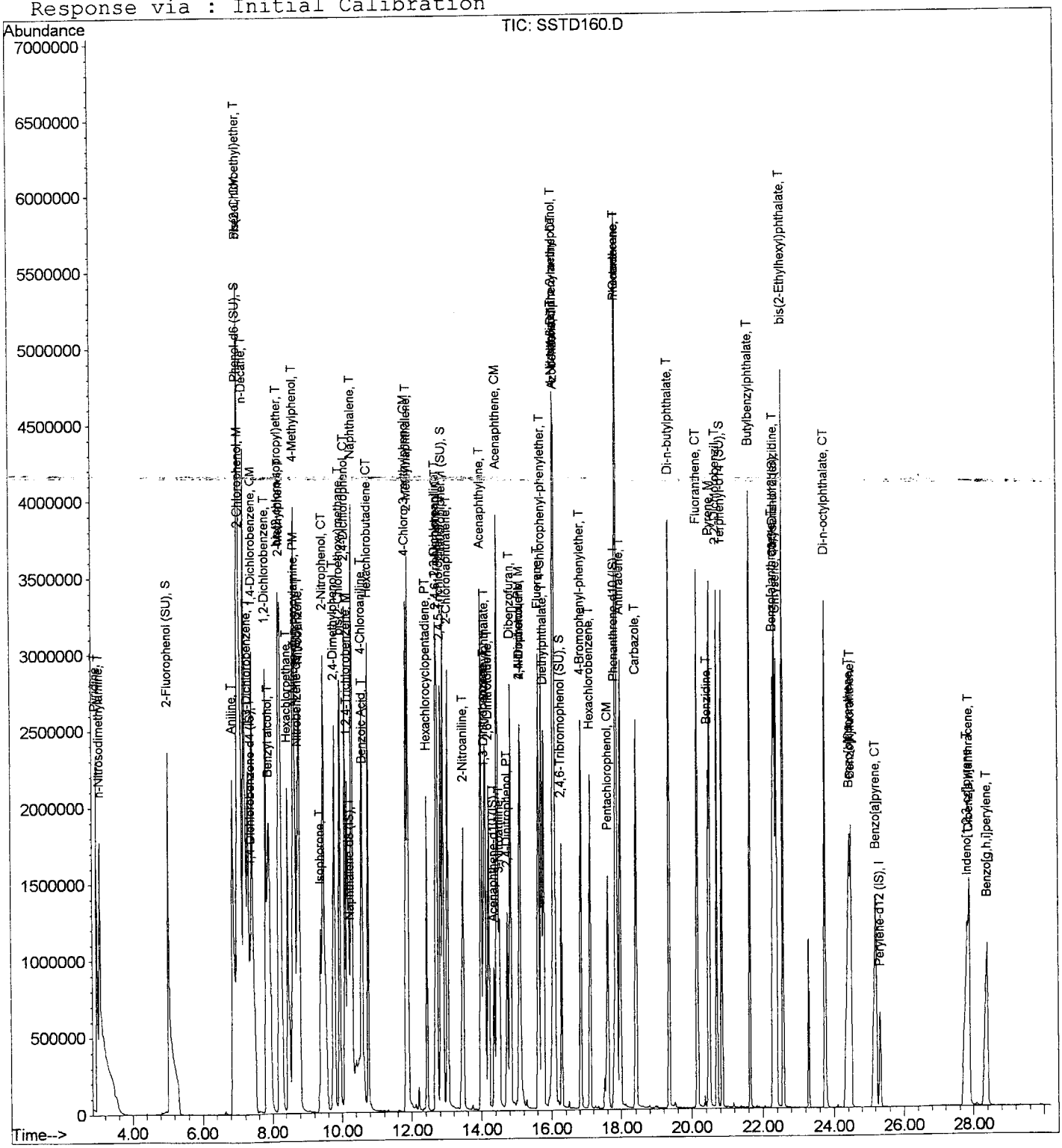
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

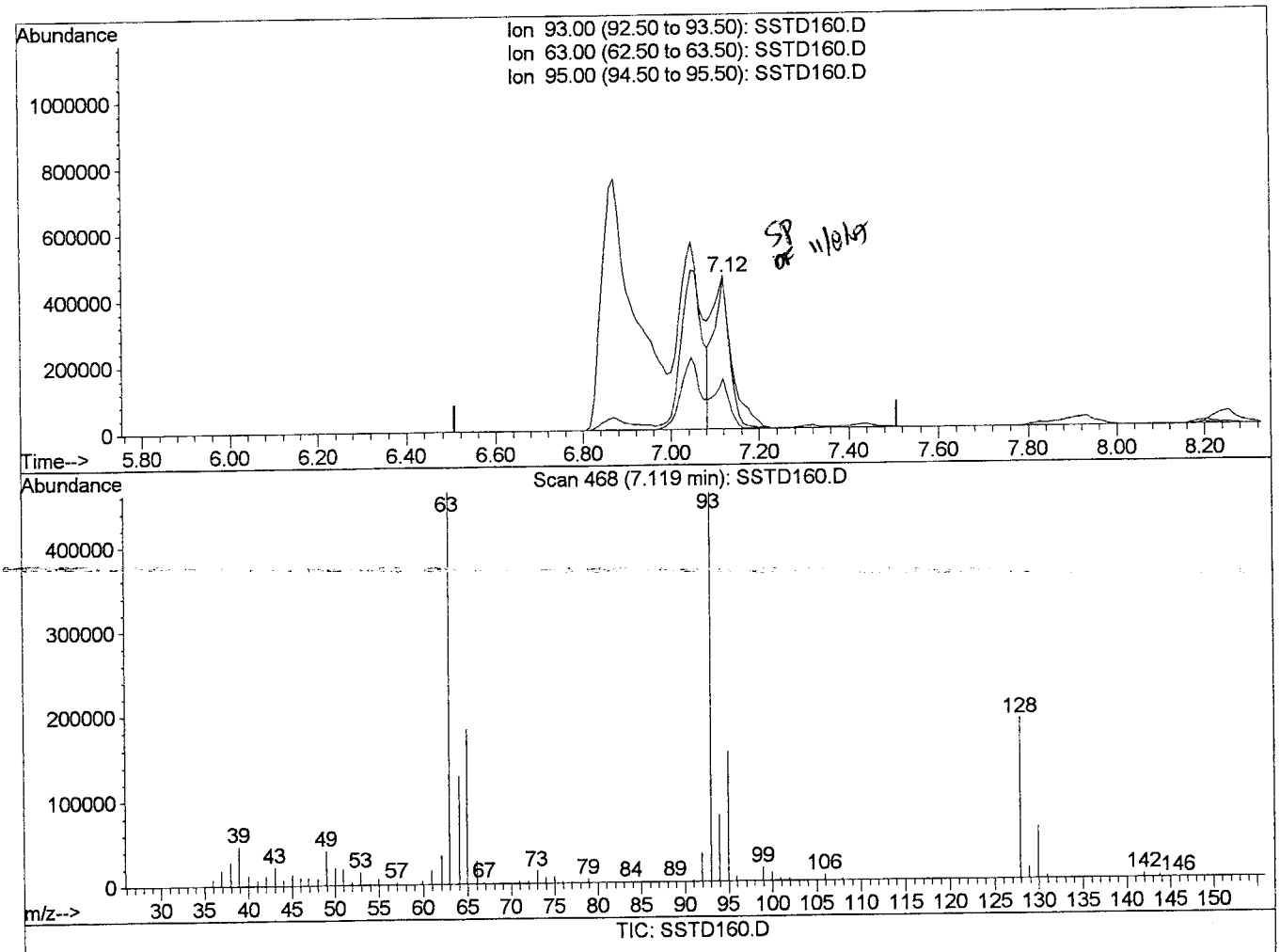


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Method : RTE Integrator

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(5) bis(2-Chloroethyl)ether (T)

7.12min 65.40ppm

response 1143794

Ion	Exp%	Act%
93.00	100	100
63.00	119.60	123.48
95.00	38.10	32.61
0.00	0.00	0.00

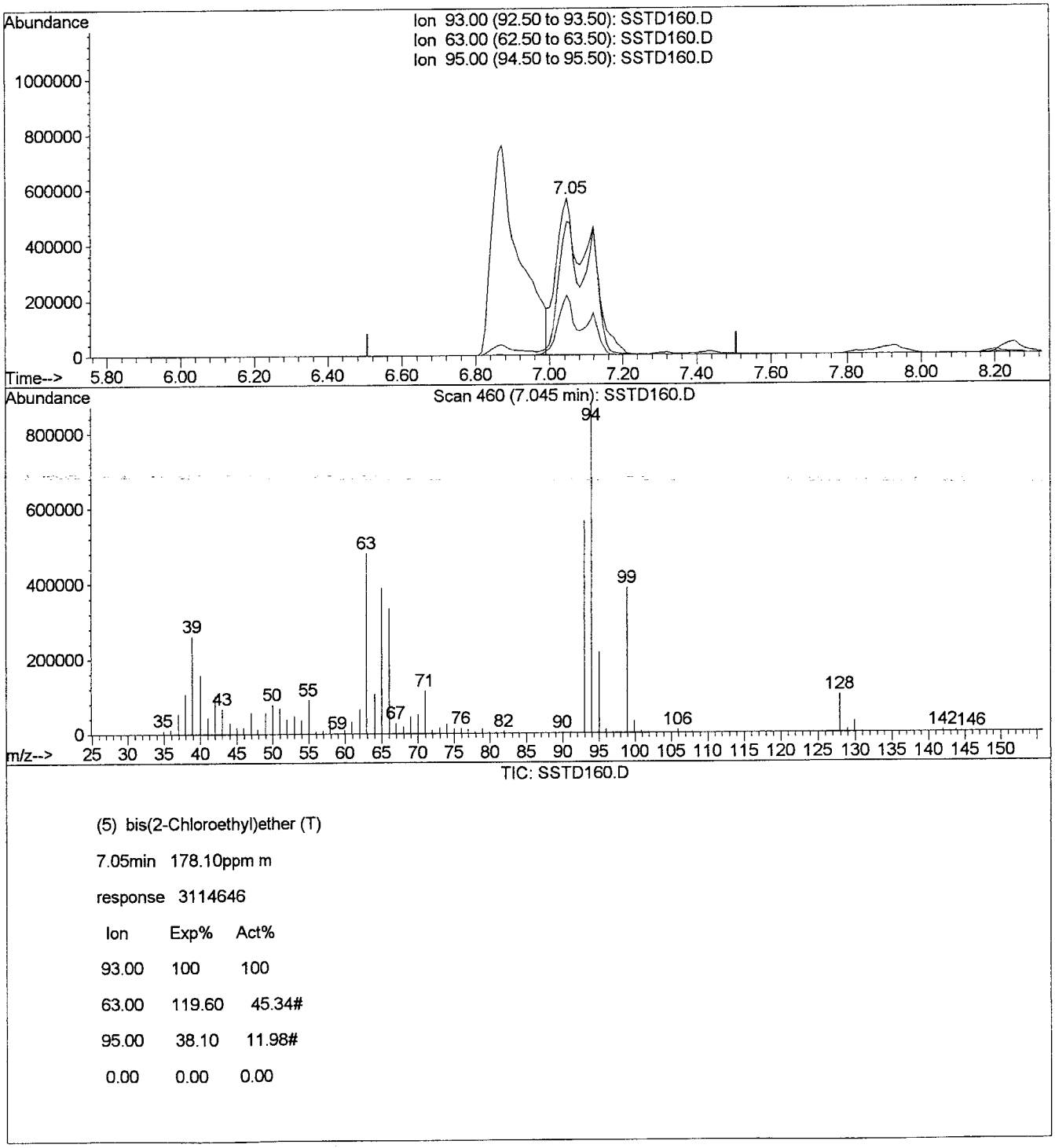
SSTD160.D H7K07SV.M Wed Nov 07 17:11:17 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Data Path : C:\GCMS8\DATA\07NOV07\

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(5) bis(2-Chloroethyl)ether (T)

7.05min 178.10ppm m

response 3114646

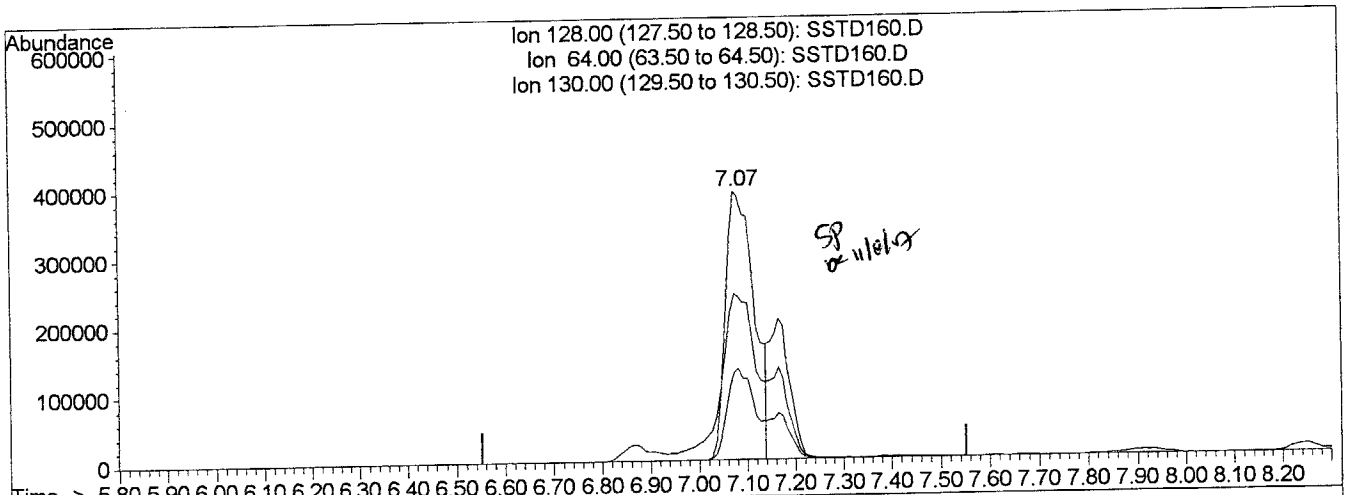
Ion	Exp%	Act%
93.00	100	100
63.00	119.60	45.34#
95.00	38.10	11.98#
0.00	0.00	0.00

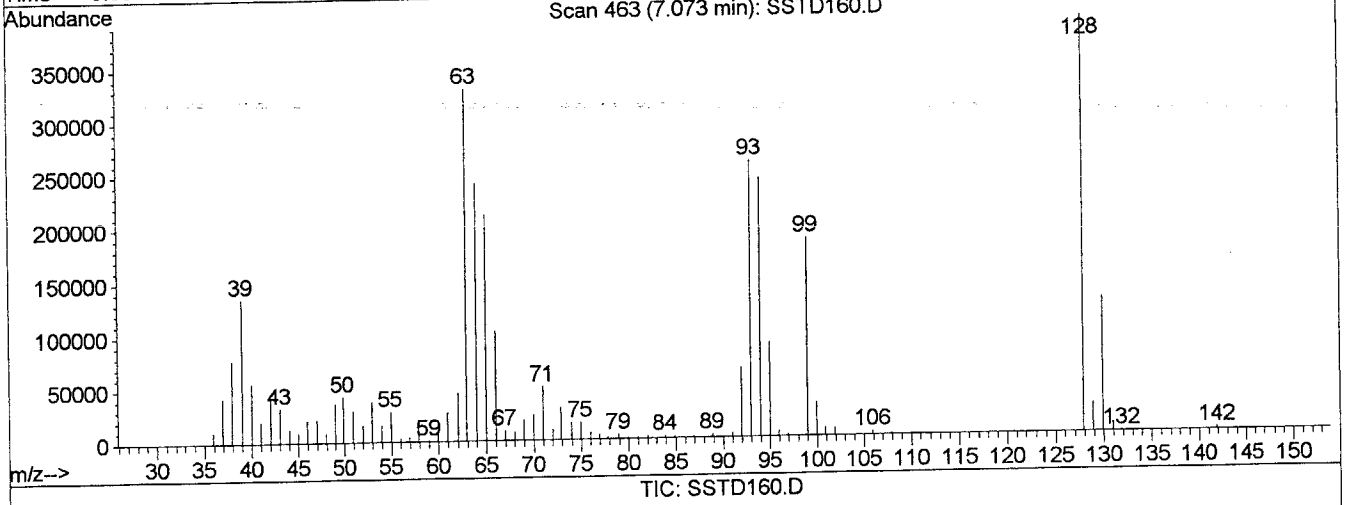
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD160.D

(9) 2-Chlorophenol (M)

7.07min 118.17ppm

response 1621526

Ion	Exp%	Act%
128.00	100	100
64.00	67.50	74.45
130.00	32.20	32.75
0.00	0.00	0.00

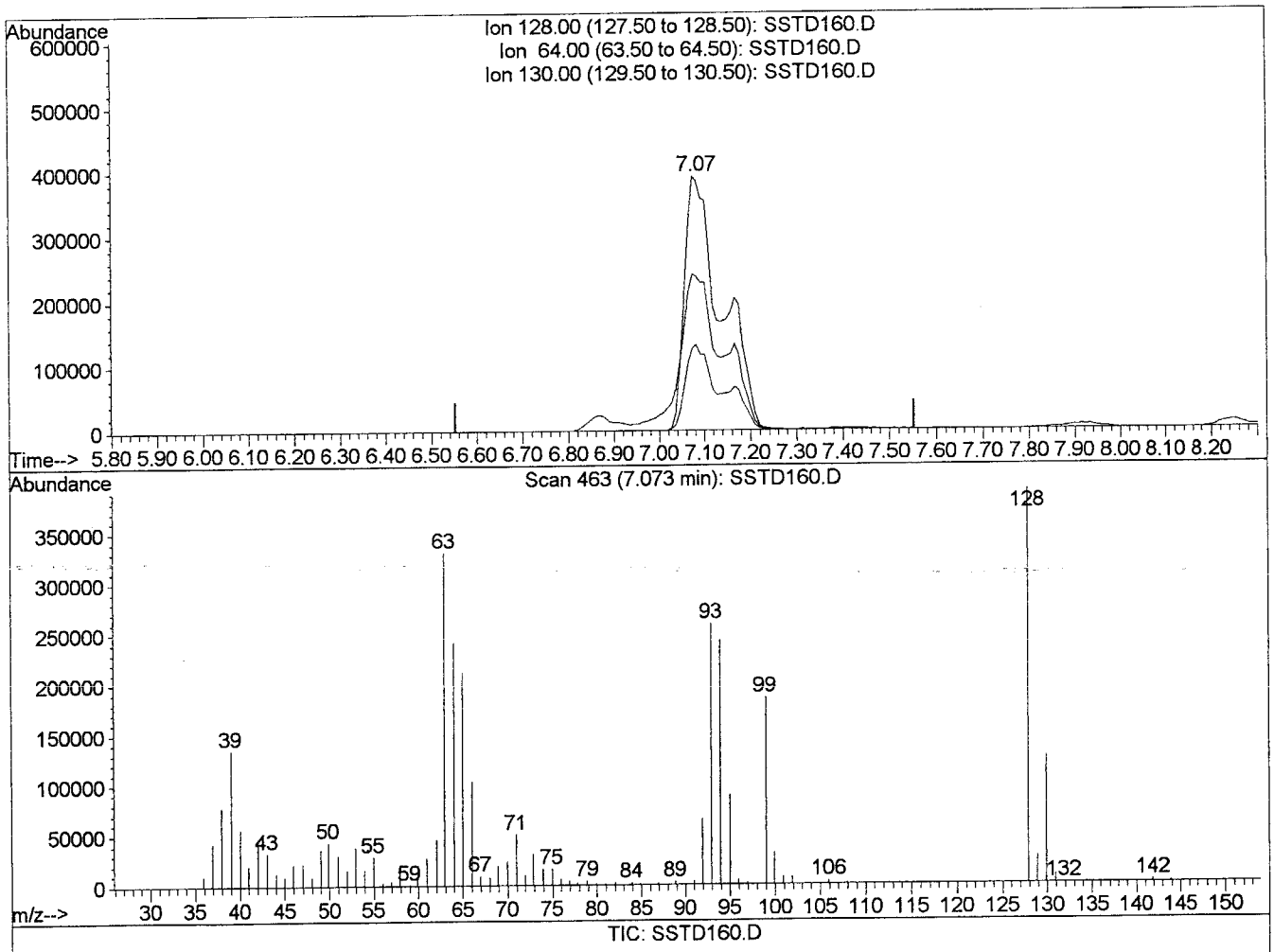
SSTD160.D H7K07SV.M Wed Nov 07 17:11:30 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:11 2007
Quant Method: RTE2NO7P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(9) 2-Chlorophenol (M)

7.07min 161.91ppm m

response 2221788

Ion	Exp%	Act%
128.00	100	100
64.00	67.50	54.33
130.00	32.20	23.90
0.00	0.00	0.00

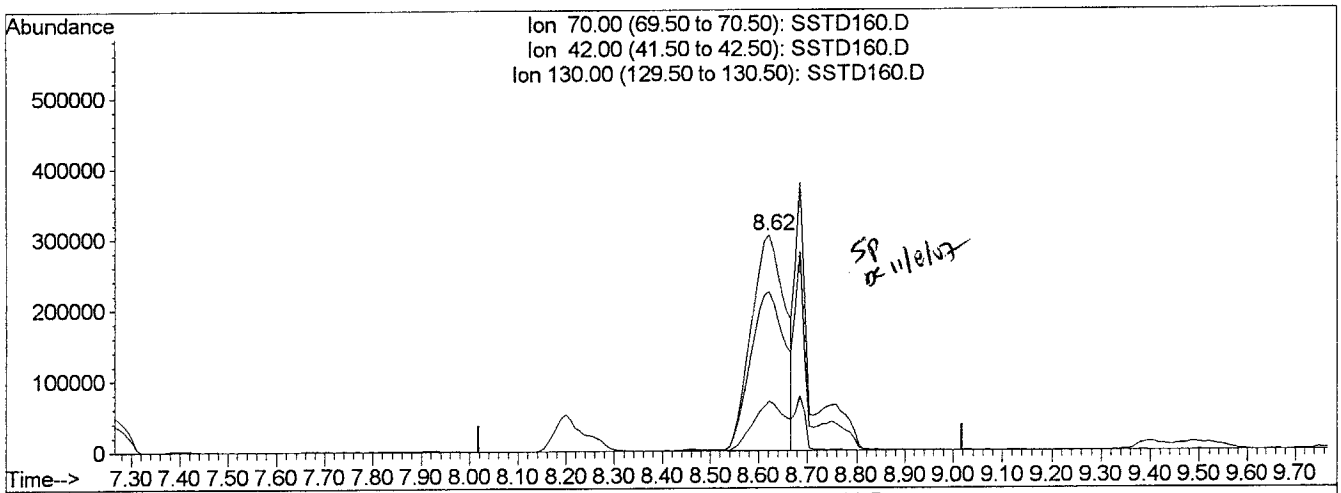
SSTD160.D H7K07SV.M Wed Nov 07 17:11:34 2007

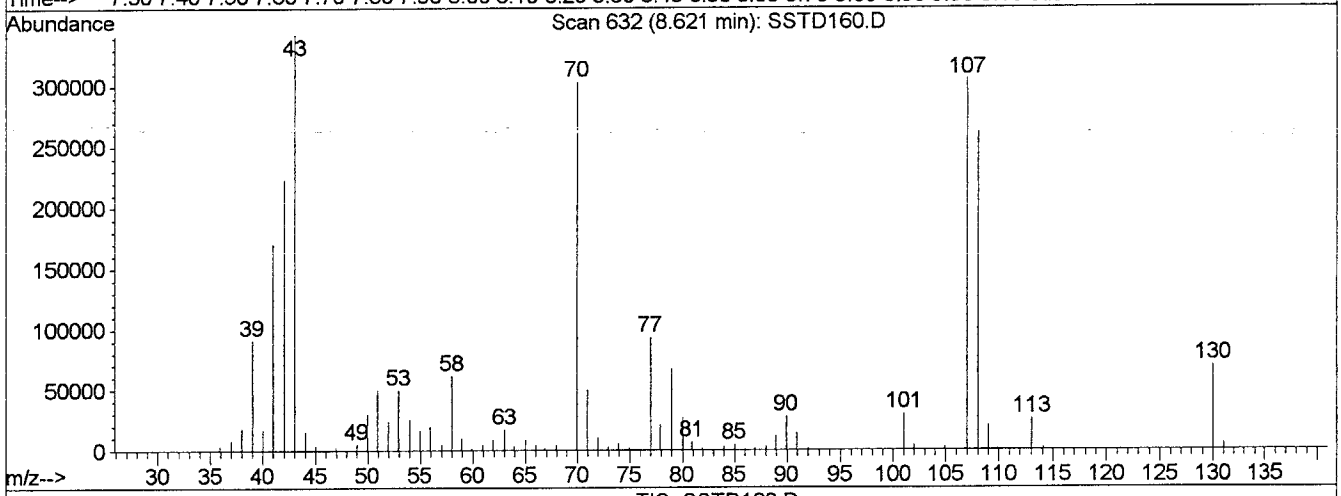
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTE7NOV07P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD160.D

(18) N-Nitroso-di-n-propylamine (PM)

8.62min 123.69ppm

response 1469729

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	75.14
130.00	22.40	21.98
0.00	0.00	0.00

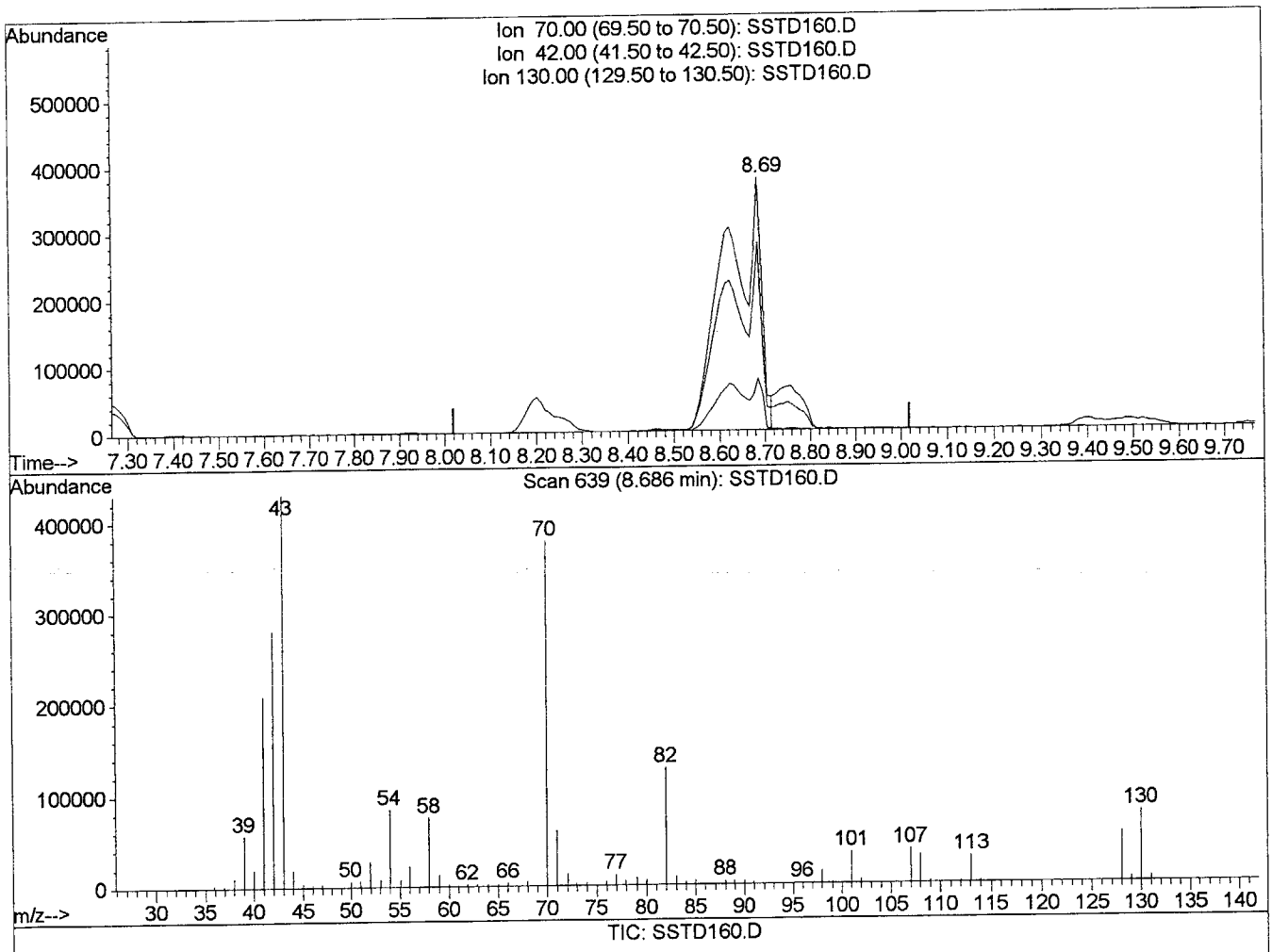
SSTD160.D H7K07SV.M Wed Nov 07 17:11:41 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:18 2007 QuantMethod: RTE

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD160.D

(18) N-Nitroso-di-n-propylamine (PM)

8.69min 167.63ppm m

response 1991939

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	55.44
130.00	22.40	16.22
0.00	0.00	0.00

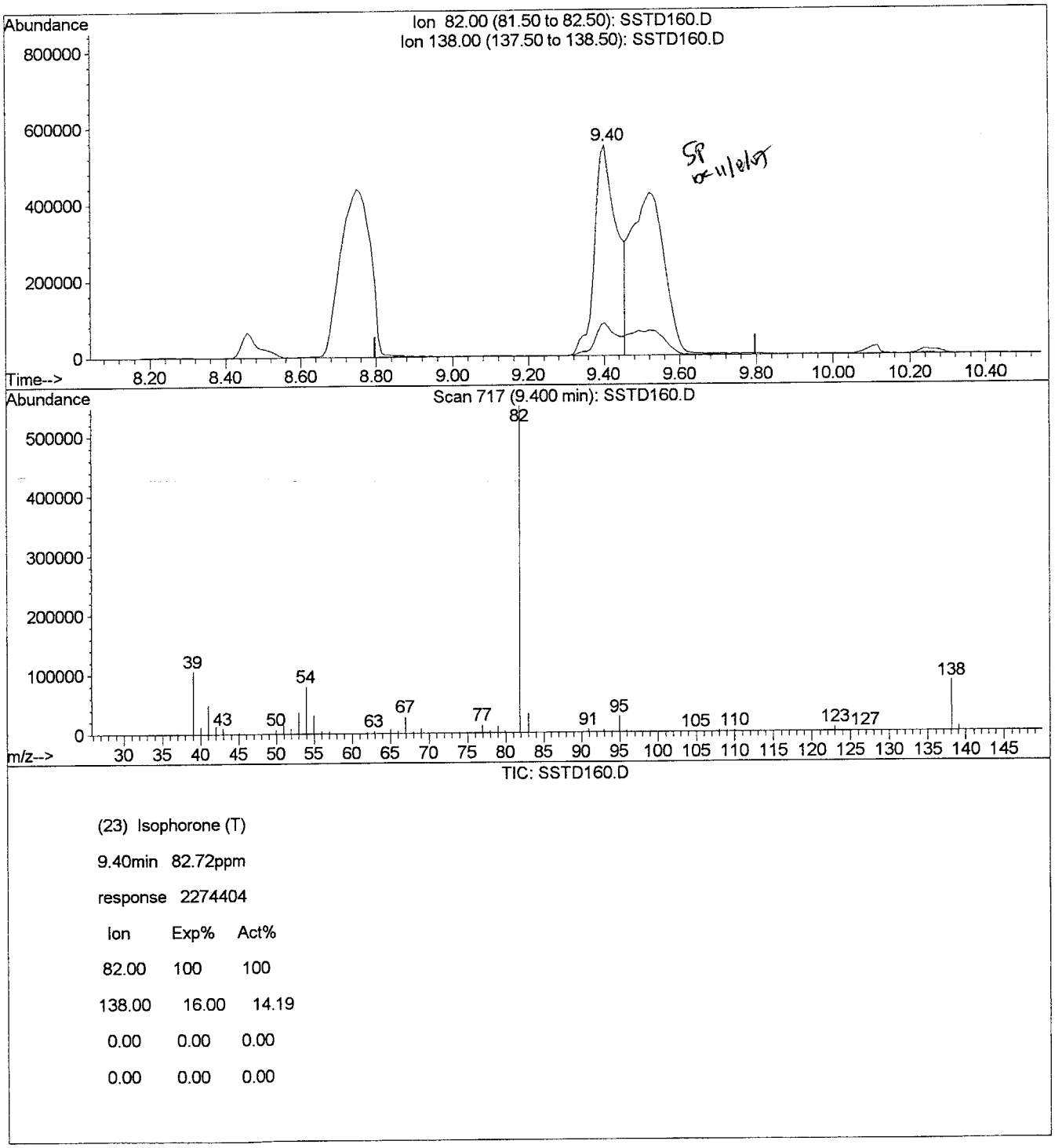
SSTD160.D H7K07SV.M Wed Nov 07 17:11:51 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:11 2007 QuantMethod: RTE

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(23) Isophorone (T)

9.40min 82.72ppm

response 2274404

Ion	Exp%	Act%
82.00	100	100
138.00	16.00	14.19
0.00	0.00	0.00
0.00	0.00	0.00

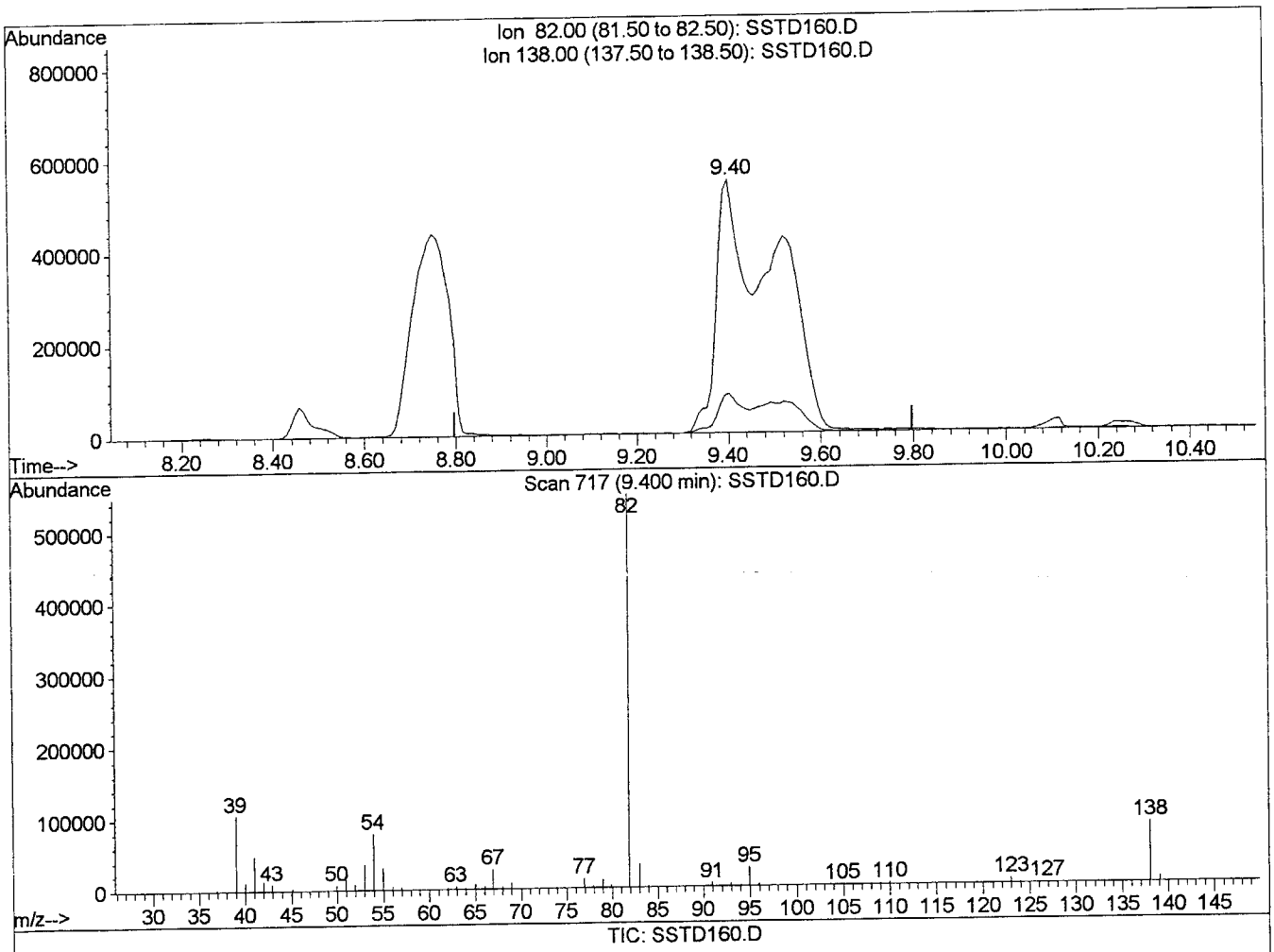
SSTD160.D H7K07SV.M Wed Nov 07 17:11:56 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:12 2007 QuantMethod: RTE

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(23) Isophorone (T)

9.40min 175.30ppm m

response 4820029

Ion	Exp%	Act%
82.00	100	100
138.00	16.00	6.70
0.00	0.00	0.00
0.00	0.00	0.00

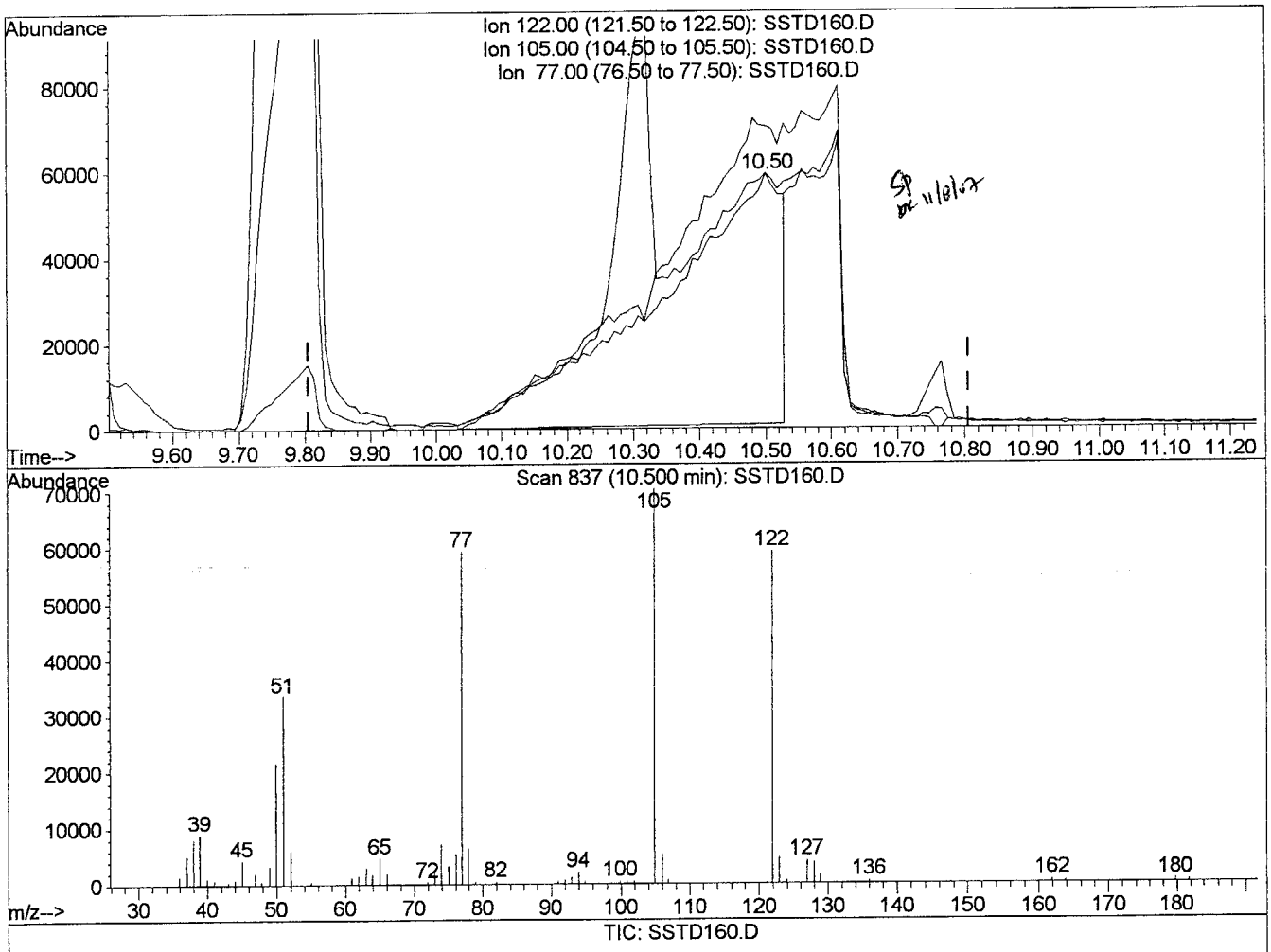
SSTD160.D H7K07SV.M Wed Nov 07 17:12:00 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 17:11 2007 Quant Method: H7K07SV.M

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD160.D

(29) Benzoic Acid (T)

10.50min 104.45ppm

response 760578

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	119.02
77.00	125.10	62.13#
0.00	0.00	0.00

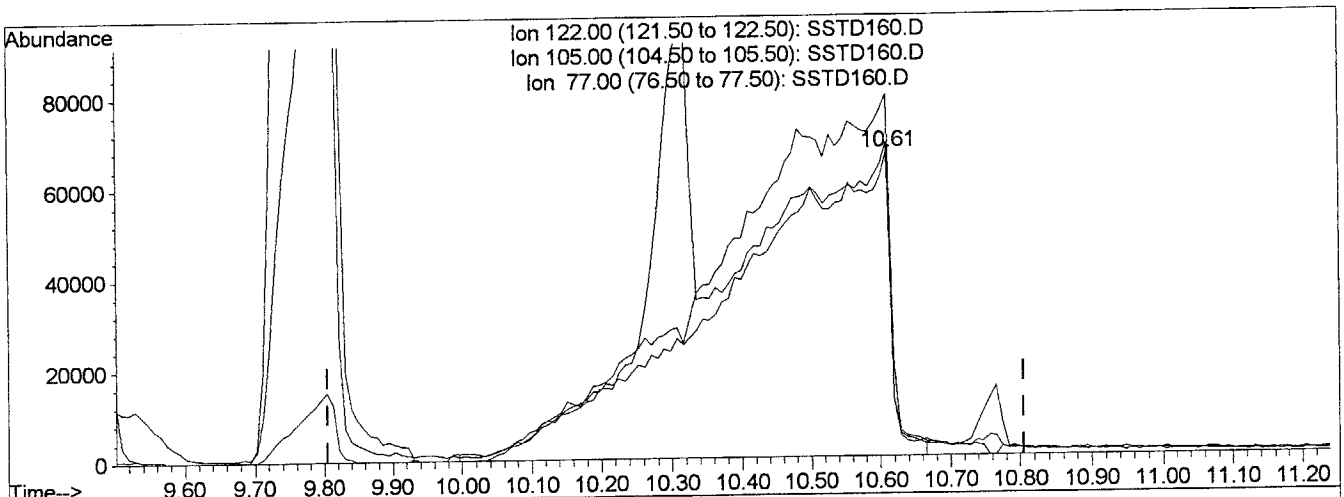
SSTD160.D H7K07SV.M Wed Nov 07 17:12:08 2007

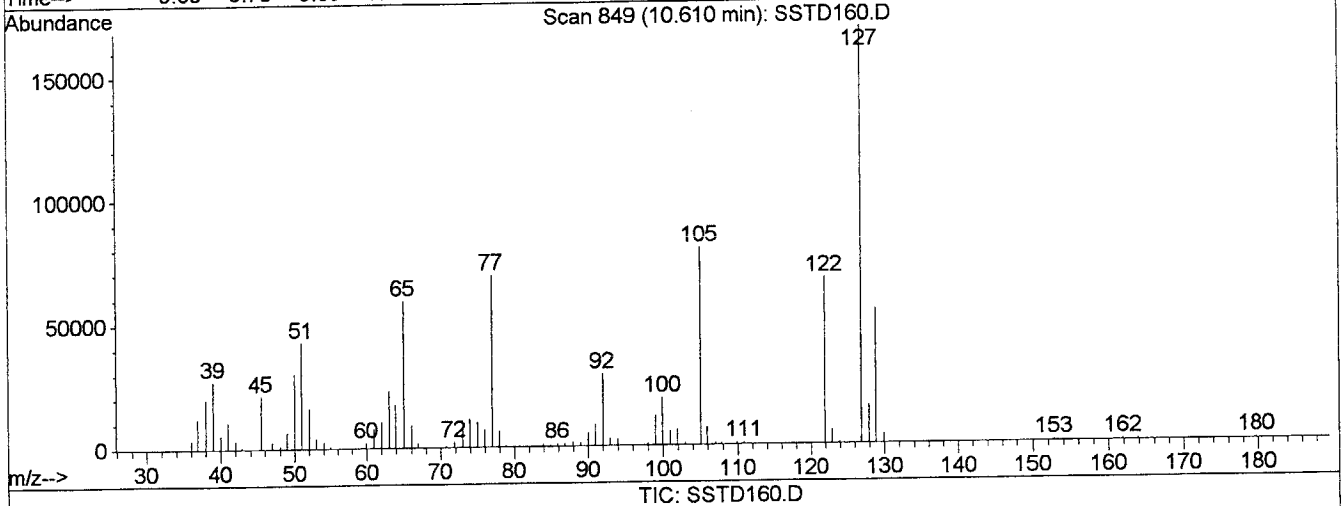
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:19 2007 QuantMethod: RTE9N07P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD160.D

(29) Benzoic Acid (T)

10.61min 147.03ppm m

response 1095643

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	82.62#
77.00	125.10	43.13#
0.00	0.00	0.00

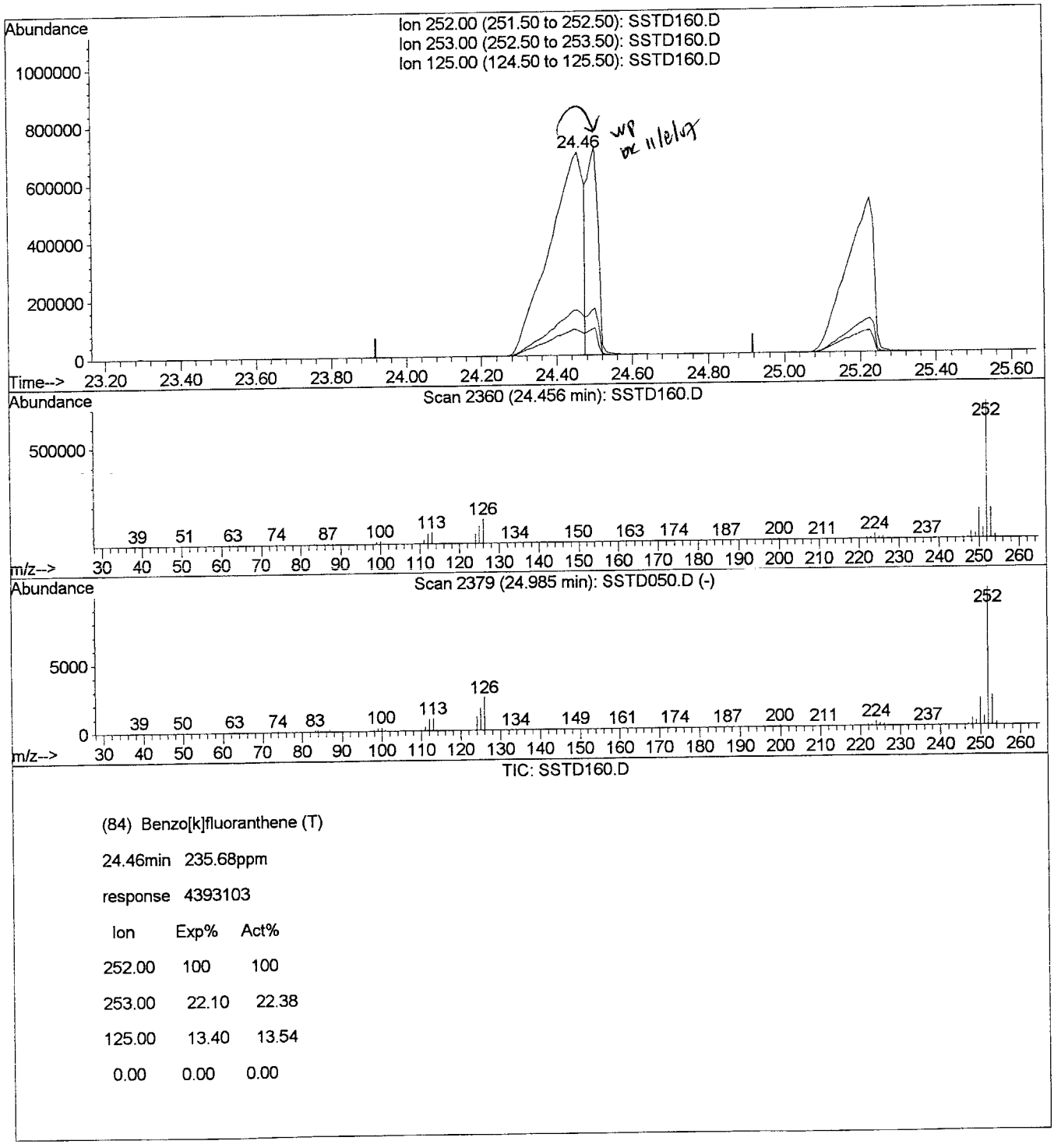
SSTD160.D H7K07SV.M Wed Nov 07 17:12:12 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:12 2007 QuantMethod: RTE

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(84) Benzo[k]fluoranthene (T)

24.46min 235.68ppm

response 4393103

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.38
125.00	13.40	13.54
0.00	0.00	0.00

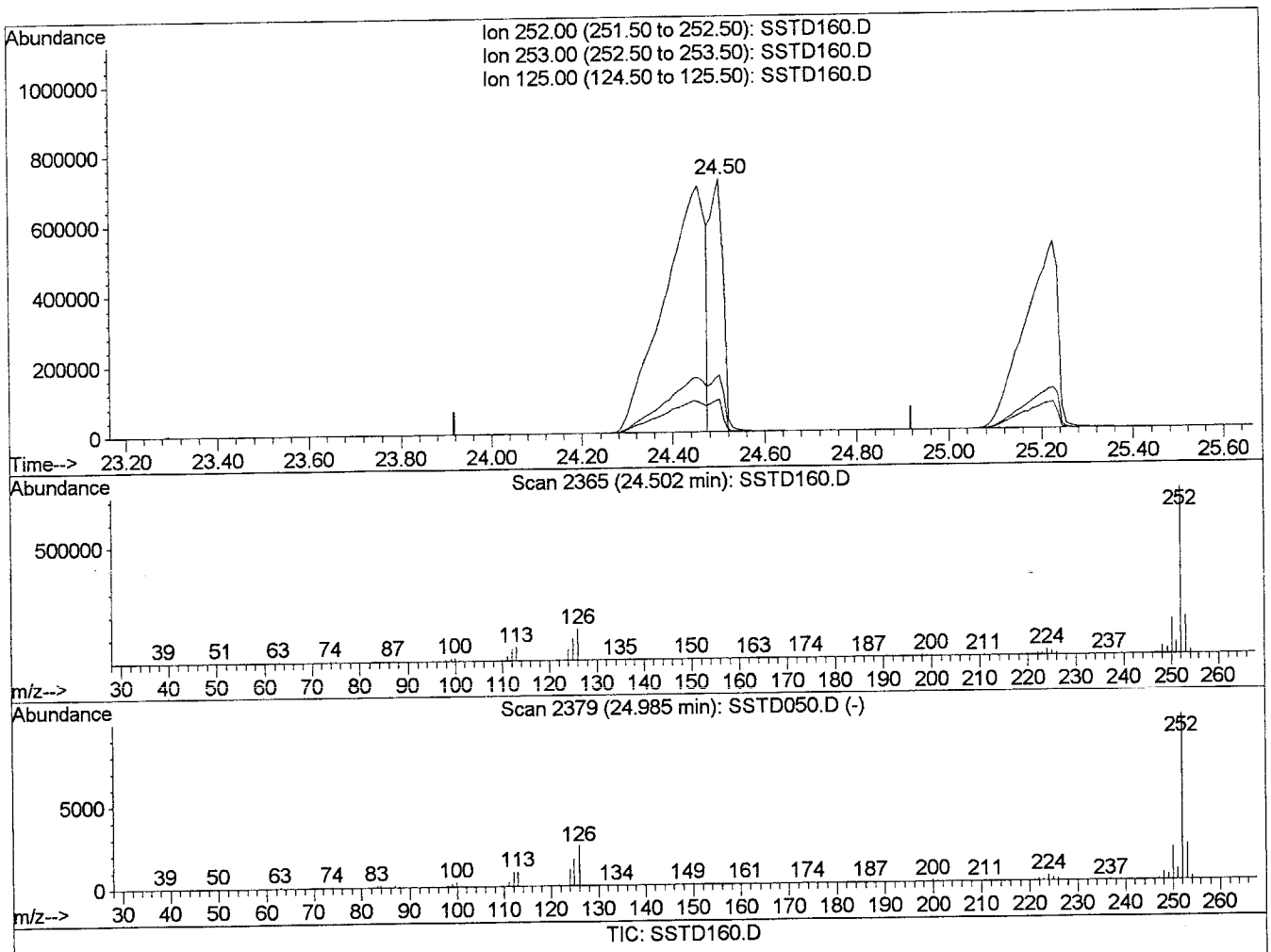
SSTD160.D H7K07SV.M Wed Nov 07 17:12:44 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:12 2007 Quant Method: H7K07P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD160.D

(84) Benzo[k]fluoranthene (T)

24.50min 75.88ppm m

response 1414426

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	69.52#
125.00	13.40	42.07#
0.00	0.00	0.00

SSTD160.D H7K07SV.M Wed Nov 07 17:12:48 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	369942	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.24	136	1180661	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	14.36	164	605872	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.83	188	851636	40.00	ppm	0.07
71) Chrysene-d12 (IS)	22.34	240	617901	40.00	ppm	0.04
82) Perylene-d12 (IS)	25.34	264	580682	40.00	ppm	0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.04	112	2683774	179.49	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 179.49%#			
7) Phenol-d6 (SU)	7.02	99	3142498	165.08	ppm	0.09
Spiked Amount 100.000	Range 40 - 120		Recovery = 165.08%#			
21) Nitrobenzene-d5 (SU)	8.75	82	2412335	171.97	ppm	0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 343.94%#			
40) 2-Fluorobiphenyl (SU)	12.91	172	2947802	142.08	ppm	0.05
Spiked Amount 50.000	Range 40 - 120		Recovery = 284.16%#			
62) 2,4,6-Tribromophenol (SU)	16.30	330	547530	202.27	ppm	0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 202.27%#			
74) Terphenyl-d14 (SU)	20.86	244	2355617	142.84	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 285.68%#			

Target Compounds						Qvalue
3) Pyridine	2.96	79	3828542	180.22	ppm #	13
4) n-Nitrosodimethylamine	3.06	74	2597956	178.55	ppm	97
5) bis(2-Chloroethyl)ether	7.12	93	1143794	65.40	ppm	95
6) Aniline	6.87	93	3935019	163.05	ppm	89
8) Phenol	7.05	94	3193397	159.98	ppm #	68
9) 2-Chlorophenol	7.07	128	1621526	118.17	ppm	94
10) n-Decane	7.20	57	3927073	155.70	ppm	100
11) 1,3-Dichlorobenzene	7.32	146	1972423	148.33	ppm	88
12) 1,4-Dichlorobenzene	7.44	146	2474077	160.05	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	2143374	157.54	ppm	97
14) Benzyl alcohol	7.92	108	1470945	171.70	ppm	98
15) bis(2-chloroisopropyl)ethe	8.20	45	6152855	160.71	ppm	99
16) 2-Methylphenol	8.25	107	1693098	163.31	ppm	99
17) Hexachloroethane	8.46	117	920323	162.07	ppm	98
18) N-Nitroso-di-n-propylamine	8.62	70	1469729	123.69	ppm	96
19) 4-Methylphenol	8.67	107	2240267	159.50	ppm	100
22) Nitrobenzene	8.80	77	2392286	166.00	ppm	98
23) Isophorone	9.40	82	2274404	82.72	ppm	96
24) 2-Nitrophenol	9.49	139	1343128	185.51	ppm	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.80	122	1757751	163.82 ppm		97
26) bis(2-Chloroethoxy)methane	9.96	93	2762504	164.65 ppm		99
27) 2,4-Dichlorophenol	10.12	162	1503686	166.57 ppm		97
28) 1,2,4-Trichlorobenzene	10.17	180	1526692	157.13 ppm		99
29) Benzoic Acid	10.50	122	760578	104.45 ppm	#	72
30) Naphthalene	10.32	128	4311413	147.51 ppm		99
31) 4-Chloroaniline	10.59	127	2070833	163.07 ppm		97
32) Hexachlorobutadiene	10.77	225	771868	179.26 ppm		98
33) 4-Chloro-3-methylphenol	11.86	107	1571855	179.30 ppm	#	81
34) 2-Methylnaphthalene	11.92	141	2607882	158.32 ppm	#	84
35) 2,3-Dichloroaniline	12.71	161	1616395	169.70 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	644159	181.10 ppm		99
38) 2,4,6-Trichlorophenol	12.74	196	965806	167.32 ppm		99
39) 2,4,5-Trichlorophenol	12.84	196	1032839	168.18 ppm		96
41) 2-Chloronaphthalene	13.06	162	2561536	146.53 ppm		97
42) 2-Nitroaniline	13.50	65	1301440	162.88 ppm		96
43) 1,3-Dinitrobenzene	14.08	168	601755	165.90 ppm	#	50
44) Acenaphthylene	14.00	152	3902448	154.41 ppm		99
45) Dimethylphthalate	14.12	163	3109106	154.62 ppm		99
46) 2,6-Dinitrotoluene	14.23	165	839963	166.63 ppm		92
47) Acenaphthene	14.47	154	2429617	149.28 ppm		99
48) 3-Nitroaniline	14.53	138	865173	180.42 ppm		97
49) 2,4-Dinitrophenol	14.75	184	594930	170.72 ppm		95
50) Dibenzofuran	14.85	168	3483902	152.98 ppm		94
51) 2,4-Dinitrotoluene	15.13	165	1080686	182.75 ppm		94
52) 4-Nitrophenol	15.12	109	343007	212.11 ppm	#	83
53) Fluorene	15.66	166	2814318	154.25 ppm		99
54) 4-Chlorophenyl-phenylether	15.74	204	1424349	163.93 ppm		97
55) Diethylphthalate	15.81	149	2824415	152.92 ppm		100
56) Azobenzene	16.13	77	3697882	147.23 ppm	#	90
57) 4-Nitroaniline	16.08	138	792212	191.21 ppm		92
58) n-Octadecane	17.89	57	2354367	146.02 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.10	198	666421	155.16 ppm		86
61) n-Nitrosodiphenylamine	16.12	169	1773215	137.73 ppm		95
63) 4-Bromophenyl-phenylether	16.86	248	890594	167.58 ppm		99
64) Hexachlorobenzene	17.13	284	1012344	179.85 ppm		99
65) Pentachlorophenol	17.63	266	721132	216.14 ppm		98
66) Phenanthrene	17.89	178	3374154	139.89 ppm		99
67) Anthracene	18.00	178	3378839	140.26 ppm		99
68) Carbazole	18.44	167	3116213	166.70 ppm		98
69) Di-n-butylphthalate	19.38	149	4903837	145.54 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.18	202	3726588	167.30 ppm	100
72) Pyrene	20.52	202	3579246	132.59 ppm	100
73) 2,2'-Dichlorobenzil	20.73	139	2776881	139.45 ppm	97
75) Benzidine	20.47	184	1042671	130.56 ppm	99
76) Butylbenzylphthalate	21.66	149	2068050	145.61 ppm	98
77) 3,3'-Dichlorobenzidine	22.36	252	1139013	198.68 ppm	99
78) Benzo[a]anthracene	22.31	228	3117772	161.70 ppm	99
79) Chrysene	22.40	228	2593101	146.53 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.59	149	2416454	137.33 ppm	98
81) Di-n-octylphthalate	23.77	149	3753739	163.91 ppm	100
83) Benzo[b]fluoranthene	24.46	252	4393103	215.18 ppm	98
84) Benzo[k]fluoranthene	24.46	252	4393103	235.68 ppm	99
85) Benzo[a]pyrene	25.23	252	2654320	158.32 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.83	276	2587113	179.48 ppm	99
87) Dibenz[a,h]anthracene	27.90	278	2383465	164.01 ppm	96
88) Benzo[g,h,i]perylene	28.41	276	2305985	155.07 ppm	97

(#) = qualifier out of range (m) = manual integration

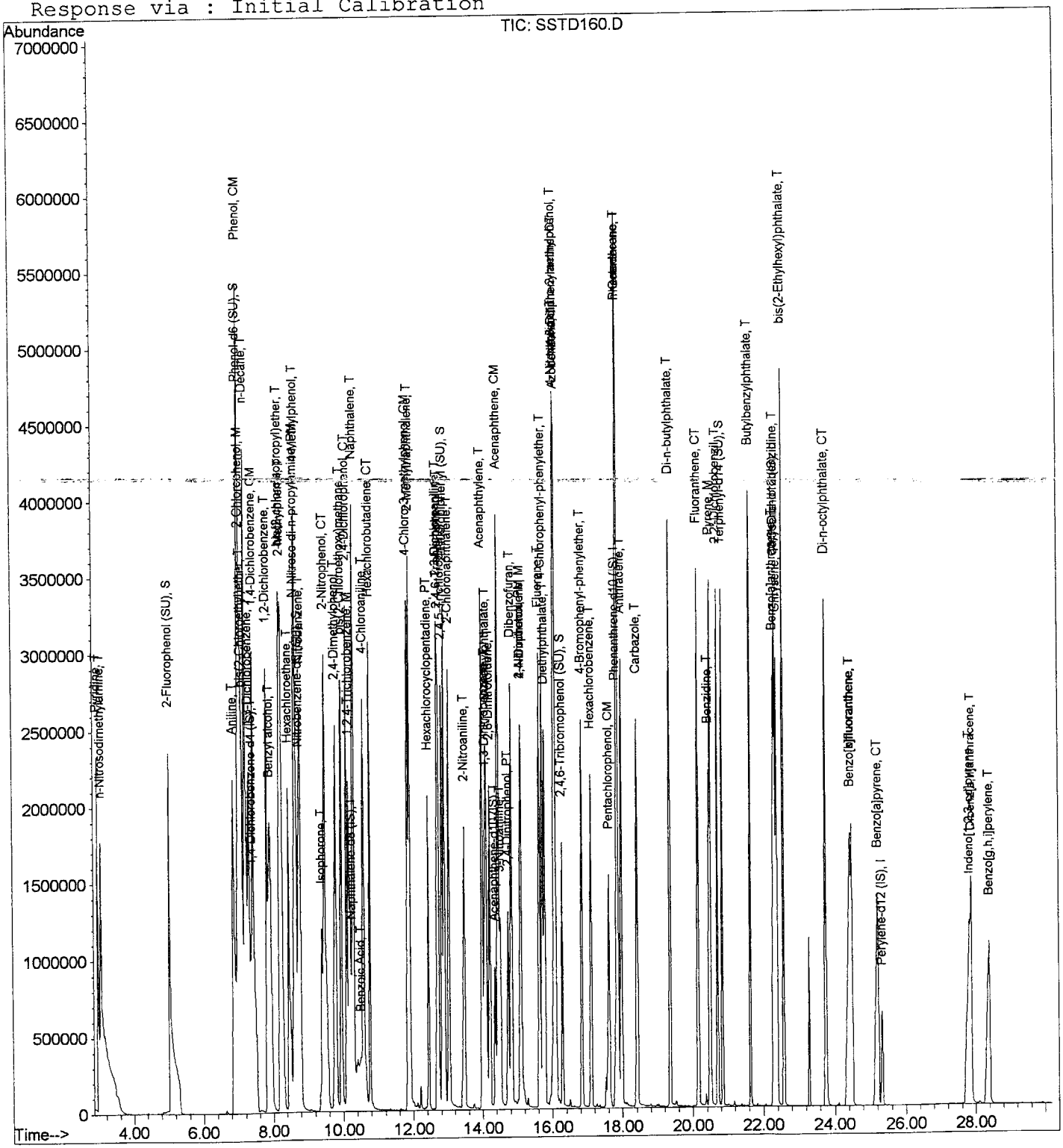
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.36	152	521735	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.20	136	1737366	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	14.33	164	892948	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1240394	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	966024	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.27	264	839156	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	35755	1.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 1.70%#			
7) Phenol-d6 (SU)	6.92	99	50648	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 1.89%#			
21) Nitrobenzene-d5 (SU)	8.67	82	40112	1.94	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.88%#			
40) 2-Fluorobiphenyl (SU)	12.83	172	66077	2.16	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.32%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	7229	2.11	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.11%#			
74) Terphenyl-d14 (SU)	20.81	244	50265	1.95	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 3.90%#			

Target Compounds						Qvalue
3) Pyridine	2.98	79	48612	1.62	ppm #	74
4) n-Nitrosodimethylamine	3.06	74	32922	1.60	ppm #	74
5) bis(2-Chloroethyl)ether	7.00	93	50674	2.05	ppm	92
6) Aniline	6.84	93	64683	1.90	ppm	100
8) Phenol	6.95	94	55516	1.97	ppm	96
9) 2-Chlorophenol	7.04	128	37550	1.94	ppm	97
10) n-Decane	7.16	57	72751	2.05	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	37342	1.99	ppm	94
12) 1,4-Dichlorobenzene	7.40	146	44514m	2.04	ppm	
13) 1,2-Dichlorobenzene	7.79	146	38239	1.99	ppm	98
14) Benzyl alcohol	7.82	108	21829	1.81	ppm	98
15) bis(2-chloroisopropyl)ethe	8.17	45	112089	2.08	ppm	98
16) 2-Methylphenol	8.19	107	29670	2.03	ppm	98
17) Hexachloroethane	8.44	117	15724	1.96	ppm	93
18) N-Nitroso-di-n-propylamine	8.48	70	32101	1.92	ppm	95
19) 4-Methylphenol	8.53	107	40989	2.07	ppm	99
22) Nitrobenzene	8.71	77	44162	2.08	ppm	94
23) Isophorone	9.26	82	81432	2.01	ppm	98
24) 2-Nitrophenol	9.43	139	18828	1.77	ppm	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.68	122	29327	1.86	ppm		97
26) bis(2-Chloroethoxy)methane	9.86	93	49143	1.99	ppm		99
27) 2,4-Dichlorophenol	10.01	162	26567	2.00	ppm		95
28) 1,2,4-Trichlorobenzene	10.13	180	29499	2.06	ppm		97
30) Naphthalene	10.24	128	88949	2.07	ppm		100
31) 4-Chloroaniline	10.52	127	35132	1.88	ppm		98
32) Hexachlorobutadiene	10.73	225	14972	2.36	ppm		99
33) 4-Chloro-3-methylphenol	11.79	107	23586	1.83	ppm		95
34) 2-Methylnaphthalene	11.85	141	52267	2.16	ppm		96
35) 2,3-Dichloroaniline	12.64	161	31249	2.23	ppm		95
37) Hexachlorocyclopentadiene	12.42	237	6164	3.98	ppm	#	89
38) 2,4,6-Trichlorophenol	12.66	196	16286	1.91	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	17373	1.92	ppm		96
41) 2-Chloronaphthalene	12.97	162	54459	2.11	ppm		98
42) 2-Nitroaniline	13.38	65	17665	5.07	ppm		95
43) 1,3-Dinitrobenzene	13.94	168	6467	2.79	ppm	#	28
44) Acenaphthylene	13.93	152	78877	2.12	ppm		98
45) Dimethylphthalate	13.97	163	63011	2.13	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	14679	1.98	ppm		97
47) Acenaphthene	14.38	154	50396	2.10	ppm		98
48) 3-Nitroaniline	14.38	138	12014	1.70	ppm		97
50) Dibenzofuran	14.77	168	74098	2.21	ppm		98
51) 2,4-Dinitrotoluene	14.98	165	15480	1.78	ppm		97
52) 4-Nitrophenol	15.03	109	1336	1.76	ppm	#	1
53) Fluorene	15.56	166	60282	2.24	ppm		97
54) 4-Chlorophenyl-phenylether	15.67	204	29450	2.30	ppm		99
55) Diethylphthalate	15.66	149	61068	2.24	ppm		98
56) Azobenzene	16.01	77	83846	2.27	ppm		99
57) 4-Nitroaniline	15.82	138	11295	0.85	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.90	198	5235	2.90	ppm	#	79
61) n-Nitrosodiphenylamine	15.99	169	38379	2.05	ppm		98
63) 4-Bromophenyl-phenylether	16.79	248	15775	2.04	ppm		95
64) Hexachlorobenzene	17.04	284	19623	2.39	ppm		97
65) Pentachlorophenol	17.54	266	4233	0.87	ppm		93
66) Phenanthrene	17.79	178	75947	2.16	ppm		99
67) Anthracene	17.89	178	77605	2.21	ppm		99
68) Carbazole	18.35	167	65121	2.39	ppm		97
69) Di-n-butylphthalate	19.32	149	108162	2.20	ppm		99
70) Fluoranthene	20.11	202	80750	2.49	ppm		99
72) Pyrene	20.46	202	82184	1.95	ppm		99
73) 2,2'-Dichlorobenzil	20.68	139	49008	1.57	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) Benzidine	20.43	184	22837	3.31	ppm		97
76) Butylbenzylphthalate	21.61	149	42173	1.90	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	18936	2.11	ppm		97
78) Benzo[a]anthracene	22.24	228	62284	2.07	ppm		99
79) Chrysene	22.32	228	61049	2.21	ppm		98
80) bis(2-Ethylhexyl)phthalate	22.55	149	52639	1.91	ppm		98
81) Di-n-octylphthalate	23.69	149	67012	1.87	ppm	#	96
83) Benzo[b]fluoranthene	24.29	252	52260m	1.77	ppm		
84) Benzo[k]fluoranthene	24.34	252	59540	2.21	ppm		96
85) Benzo[a]pyrene	25.07	252	48397	2.00	ppm		98
86) Indeno[1,2,3-cd]pyrene	27.67	276	38484	1.85	ppm		96
87) Dibenz[a,h]anthracene	27.74	278	40714	1.94	ppm		95
88) Benzo[g,h,i]perylene	28.23	276	43913	2.04	ppm		96

(#) = qualifier out of range (m) = manual integration

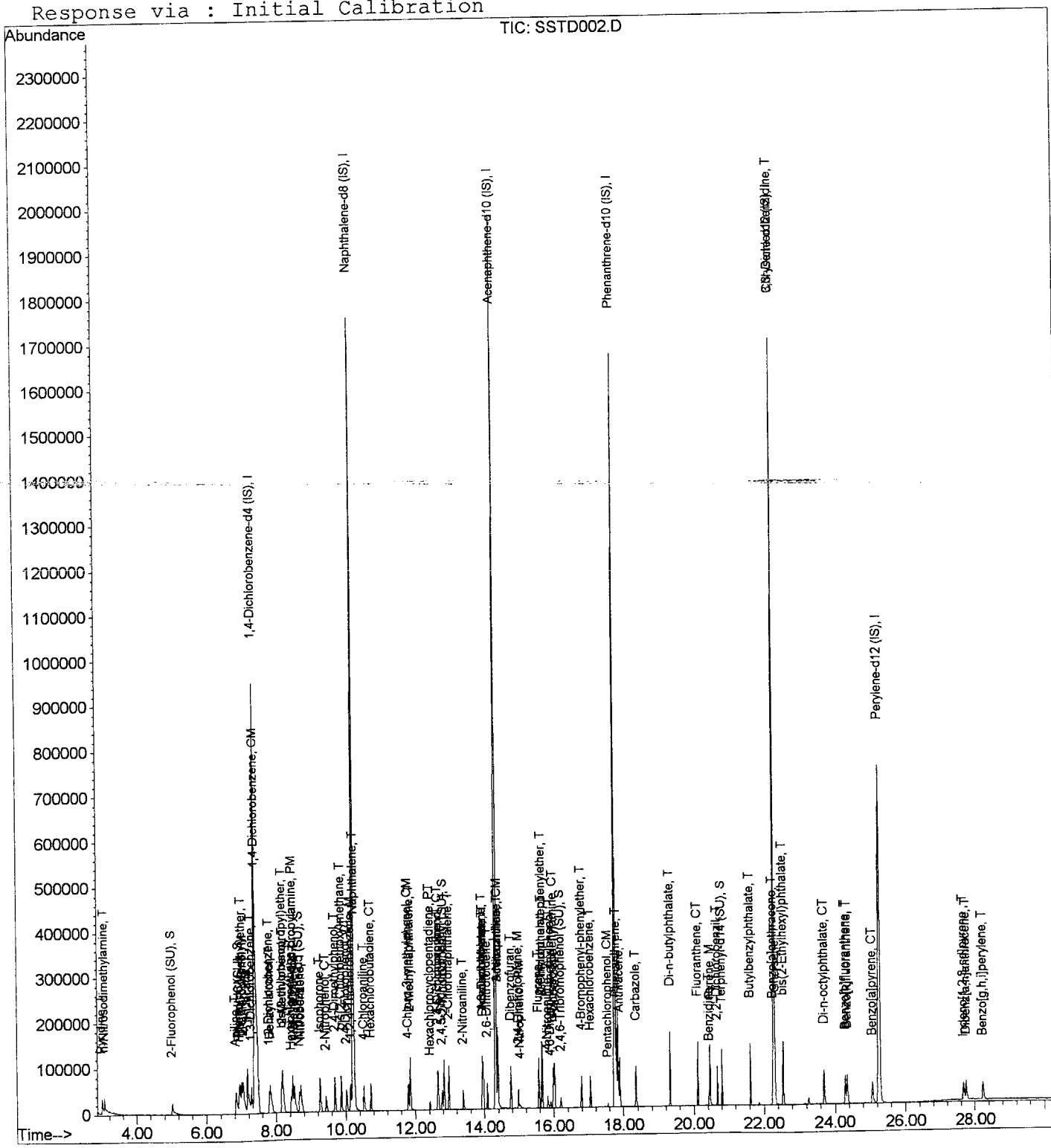
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration

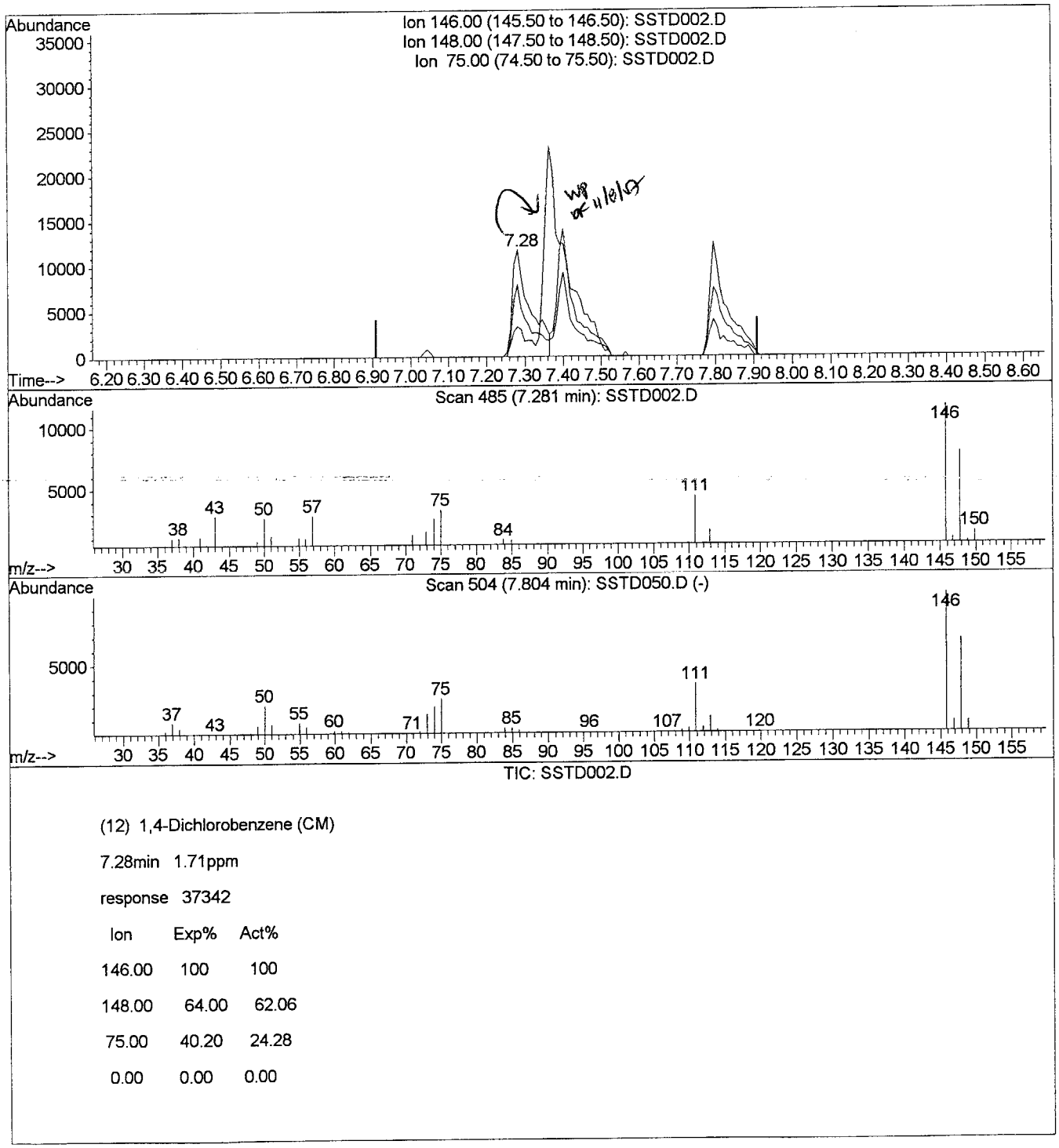


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

7.28min 1.71ppm

response 37342

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	62.06
75.00	40.20	24.28
0.00	0.00	0.00

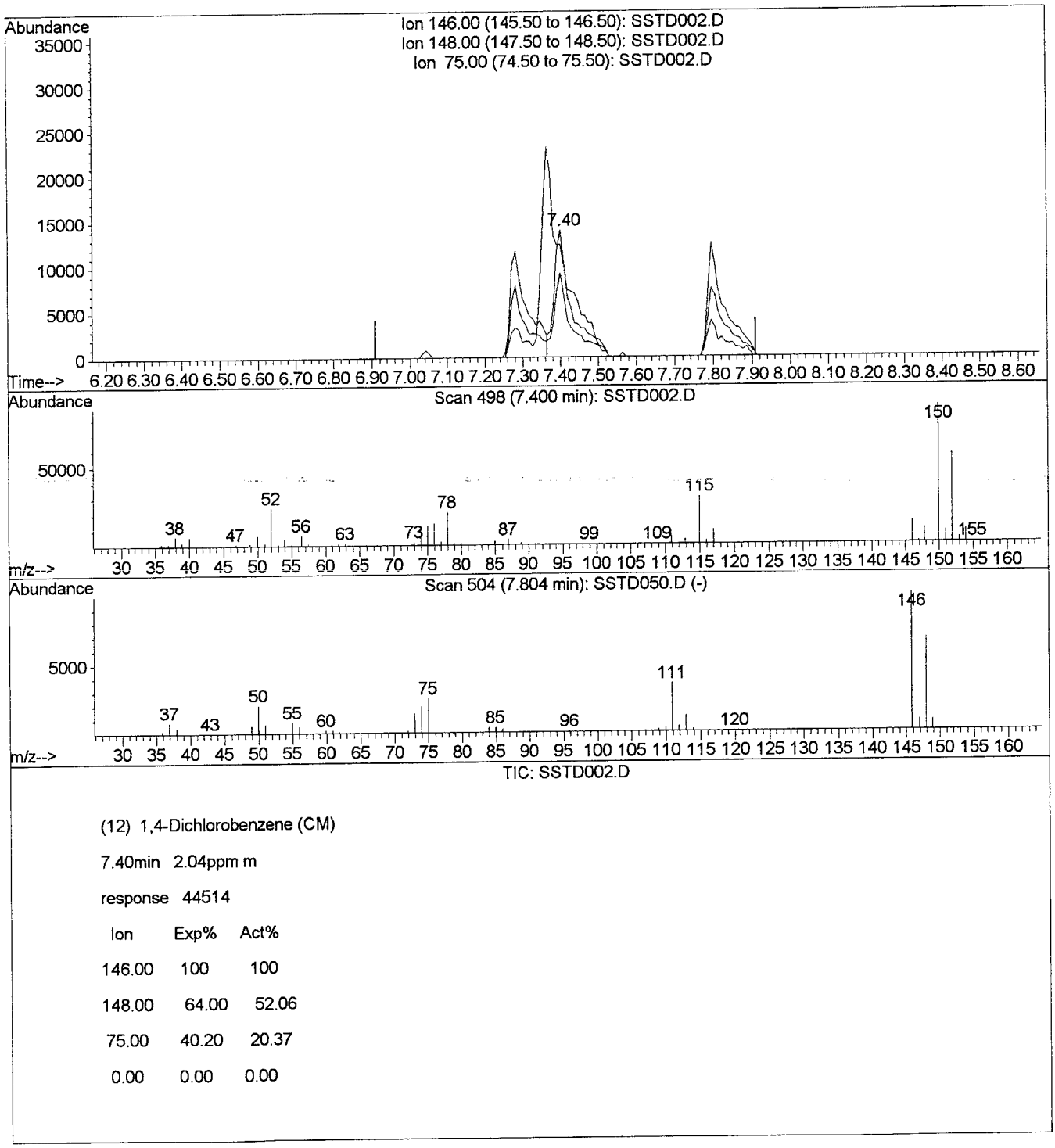
SSTD002.D H7K07SV.M Wed Nov 07 17:13:46 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
Quantitation Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Quantitation Time : Wed Nov 07 13:18:39 2007 (RTE Integrator)

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

7.40min 2.04ppm m

response 44514

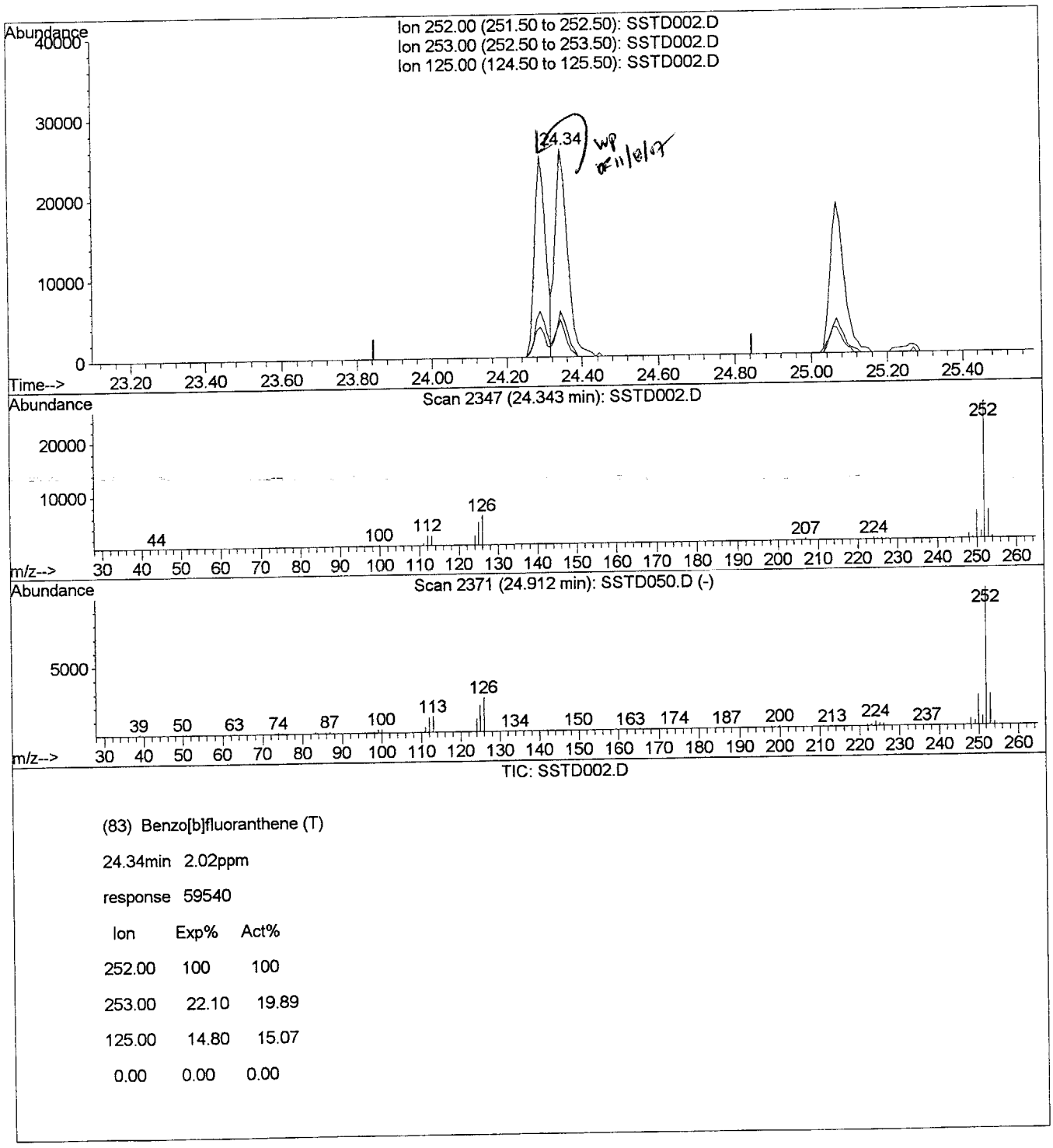
Ion	Exp%	Act%
146.00	100	100
148.00	64.00	52.06
75.00	40.20	20.37
0.00	0.00	0.00

SSTD002.D H7K07SV.M Wed Nov 07 17:13:51 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
Quant Method : C:\GCMS8\METHODS\H7K07SV.M (RTE Integrator)
Quant Title : 625/8270 Calibration
QLast Update : Mon Nov 07 17:13:19 2007
Response via : Multiple Level Calibration

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res



TIC: SSTD002.D

(83) Benzo[b]fluoranthene (T)

24.34min 2.02ppm

response 59540

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	19.89
125.00	14.80	15.07
0.00	0.00	0.00

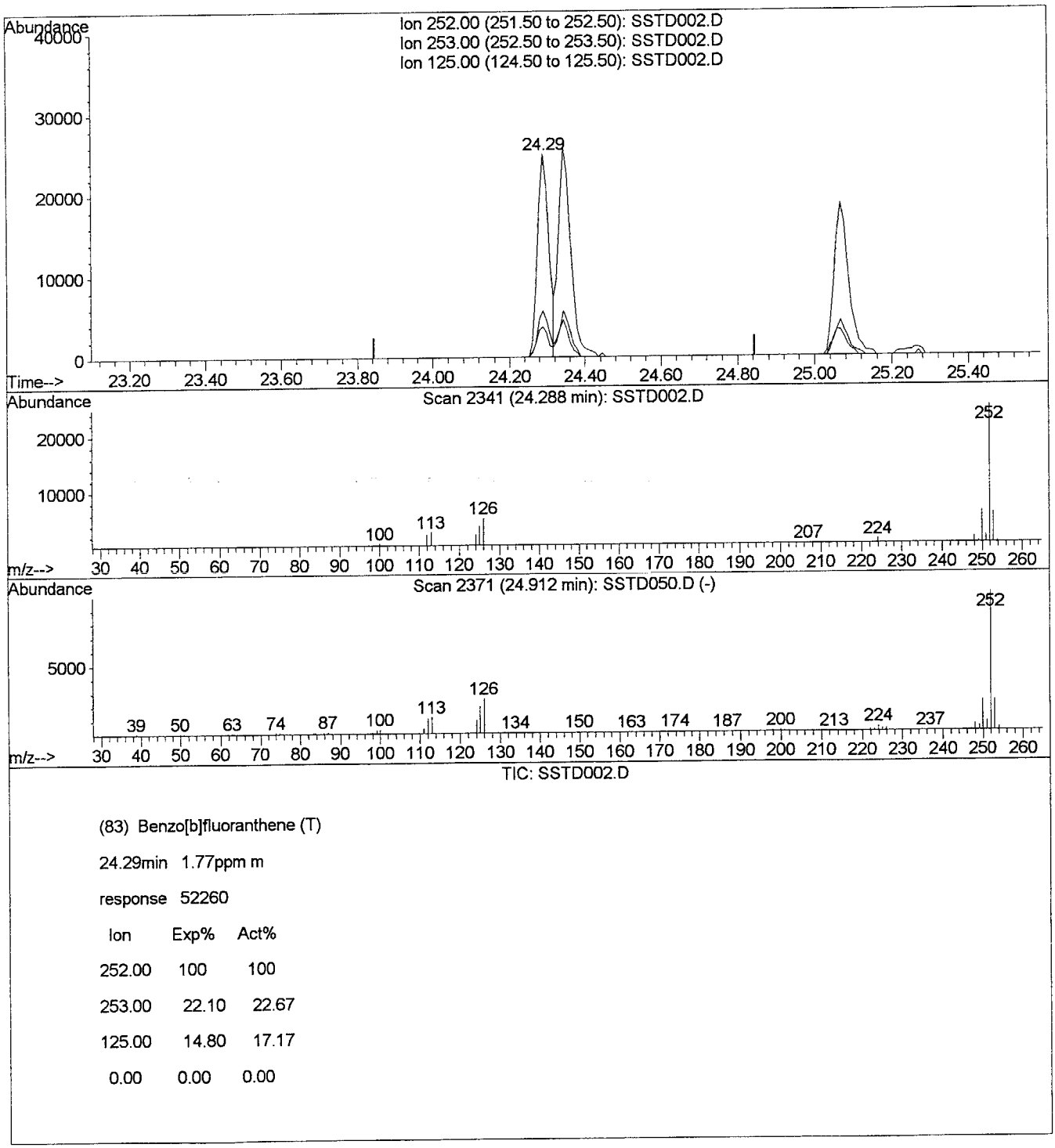
SSTD002.D H7K07SV.M Wed Nov 07 17:14:35 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
Quant Time: Nov 7 17:13:19 2007 Quant Method: H7K07P

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration



(83) Benzo[b]fluoranthene (T)

24.29min 1.77ppm m

response 52260

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.67
125.00	14.80	17.17
0.00	0.00	0.00

SSTD002.D H7K07SV.M Wed Nov 07 17:14:40 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.36	152	521735	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.20	136	1737366	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	14.33	164	892948	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1240394	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	966024	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.27	264	839156	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	35755	1.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 1.70%#			
7) Phenol-d6 (SU)	6.92	99	50648	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 1.89%#			
21) Nitrobenzene-d5 (SU)	8.67	82	40112	1.94	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.88%#			
40) 2-Fluorobiphenyl (SU)	12.83	172	66077	2.16	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.32%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	7229	2.11	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.11%#			
74) Terphenyl-d14 (SU)	20.81	244	50265	1.95	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 3.90%#			

Target Compounds						Qvalue
3) Pyridine	2.98	79	48612	1.62	ppm #	74
4) n-Nitrosodimethylamine	3.06	74	32922	1.60	ppm #	74
5) bis(2-Chloroethyl)ether	7.00	93	50674	2.05	ppm	92
6) Aniline	6.84	93	64683	1.90	ppm	100
8) Phenol	6.95	94	55516	1.97	ppm	96
9) 2-Chlorophenol	7.04	128	37550	1.94	ppm	97
10) n-Decane	7.16	57	72751	2.05	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	37342	1.99	ppm	94
12) 1,4-Dichlorobenzene	7.28	146	37342	1.71	ppm	89
13) 1,2-Dichlorobenzene	7.79	146	38239	1.99	ppm	98
14) Benzyl alcohol	7.82	108	21829	1.81	ppm	98
15) bis(2-chloroisopropyl)ethe	8.17	45	112089	2.08	ppm	98
16) 2-Methylphenol	8.19	107	29670	2.03	ppm	98
17) Hexachloroethane	8.44	117	15724	1.96	ppm	93
18) N-Nitroso-di-n-propylamine	8.48	70	32101	1.92	ppm	95
19) 4-Methylphenol	8.53	107	40989	2.07	ppm	99
22) Nitrobenzene	8.71	77	44162	2.08	ppm	94
23) Isophorone	9.26	82	81432	2.01	ppm	98
24) 2-Nitrophenol	9.43	139	18828	1.77	ppm	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.68	122	29327	1.86	ppm		97
26) bis(2-Chloroethoxy)methane	9.86	93	49143	1.99	ppm		99
27) 2,4-Dichlorophenol	10.01	162	26567	2.00	ppm		95
28) 1,2,4-Trichlorobenzene	10.13	180	29499	2.06	ppm		97
30) Naphthalene	10.24	128	88949	2.07	ppm		100
31) 4-Chloroaniline	10.52	127	35132	1.88	ppm		98
32) Hexachlorobutadiene	10.73	225	14972	2.36	ppm		99
33) 4-Chloro-3-methylphenol	11.79	107	23586	1.83	ppm		95
34) 2-Methylnaphthalene	11.85	141	52267	2.16	ppm		96
35) 2,3-Dichloroaniline	12.64	161	31249	2.23	ppm		95
37) Hexachlorocyclopentadiene	12.42	237	6164	3.98	ppm	#	89
38) 2,4,6-Trichlorophenol	12.66	196	16286	1.91	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	17373	1.92	ppm		96
41) 2-Chloronaphthalene	12.97	162	54459	2.11	ppm		98
42) 2-Nitroaniline	13.38	65	17665	5.07	ppm		95
43) 1,3-Dinitrobenzene	13.94	168	6467	2.79	ppm	#	28
44) Acenaphthylene	13.93	152	78877	2.12	ppm		98
45) Dimethylphthalate	13.97	163	63011	2.13	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	14679	1.98	ppm		97
47) Acenaphthene	14.38	154	50396	2.10	ppm		98
48) 3-Nitroaniline	14.38	138	12014	1.70	ppm		97
50) Dibenzofuran	14.77	168	74098	2.21	ppm		98
51) 2,4-Dinitrotoluene	14.98	165	15480	1.78	ppm		97
52) 4-Nitrophenol	15.03	109	1336	1.76	ppm	#	1
53) Fluorene	15.56	166	60282	2.24	ppm		97
54) 4-Chlorophenyl-phenylether	15.67	204	29450	2.30	ppm		99
55) Diethylphthalate	15.66	149	61068	2.24	ppm		98
56) Azobenzene	16.01	77	83846	2.27	ppm		99
57) 4-Nitroaniline	15.82	138	11295	0.85	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.90	198	5235	2.90	ppm	#	79
61) n-Nitrosodiphenylamine	15.99	169	38379	2.05	ppm		98
63) 4-Bromophenyl-phenylether	16.79	248	15775	2.04	ppm		95
64) Hexachlorobenzene	17.04	284	19623	2.39	ppm		97
65) Pentachlorophenol	17.54	266	4233	0.87	ppm		93
66) Phenanthrene	17.79	178	75947	2.16	ppm		99
67) Anthracene	17.89	178	77605	2.21	ppm		99
68) Carbazole	18.35	167	65121	2.39	ppm		97
69) Di-n-butylphthalate	19.32	149	108162	2.20	ppm		99
70) Fluoranthene	20.11	202	80750	2.49	ppm		99
72) Pyrene	20.46	202	82184	1.95	ppm		99
73) 2,2'-Dichlorobenzil	20.68	139	49008	1.57	ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Fri Oct 19 19:31:26 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) Benzidine	20.43	184	22837	3.31	ppm		97
76) Butylbenzylphthalate	21.61	149	42173	1.90	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	18936	2.11	ppm		97
78) Benzo[a]anthracene	22.24	228	62284	2.07	ppm		99
79) Chrysene	22.32	228	61049	2.21	ppm		98
80) bis(2-Ethylhexyl)phthalate	22.55	149	52639	1.91	ppm		98
81) Di-n-octylphthalate	23.69	149	67012	1.87	ppm	#	96
83) Benzo[b]fluoranthene	24.34	252	59540	2.02	ppm		97
84) Benzo[k]fluoranthene	24.34	252	59540	2.21	ppm		96
85) Benzo[a]pyrene	25.07	252	48397	2.00	ppm		98
86) Indeno[1,2,3-cd]pyrene	27.67	276	38484	1.85	ppm		96
87) Dibenz[a,h]anthracene	27.74	278	40714	1.94	ppm		95
88) Benzo[g,h,i]perylene	28.23	276	43913	2.04	ppm		96

(#) = qualifier out of range (m) = manual integration

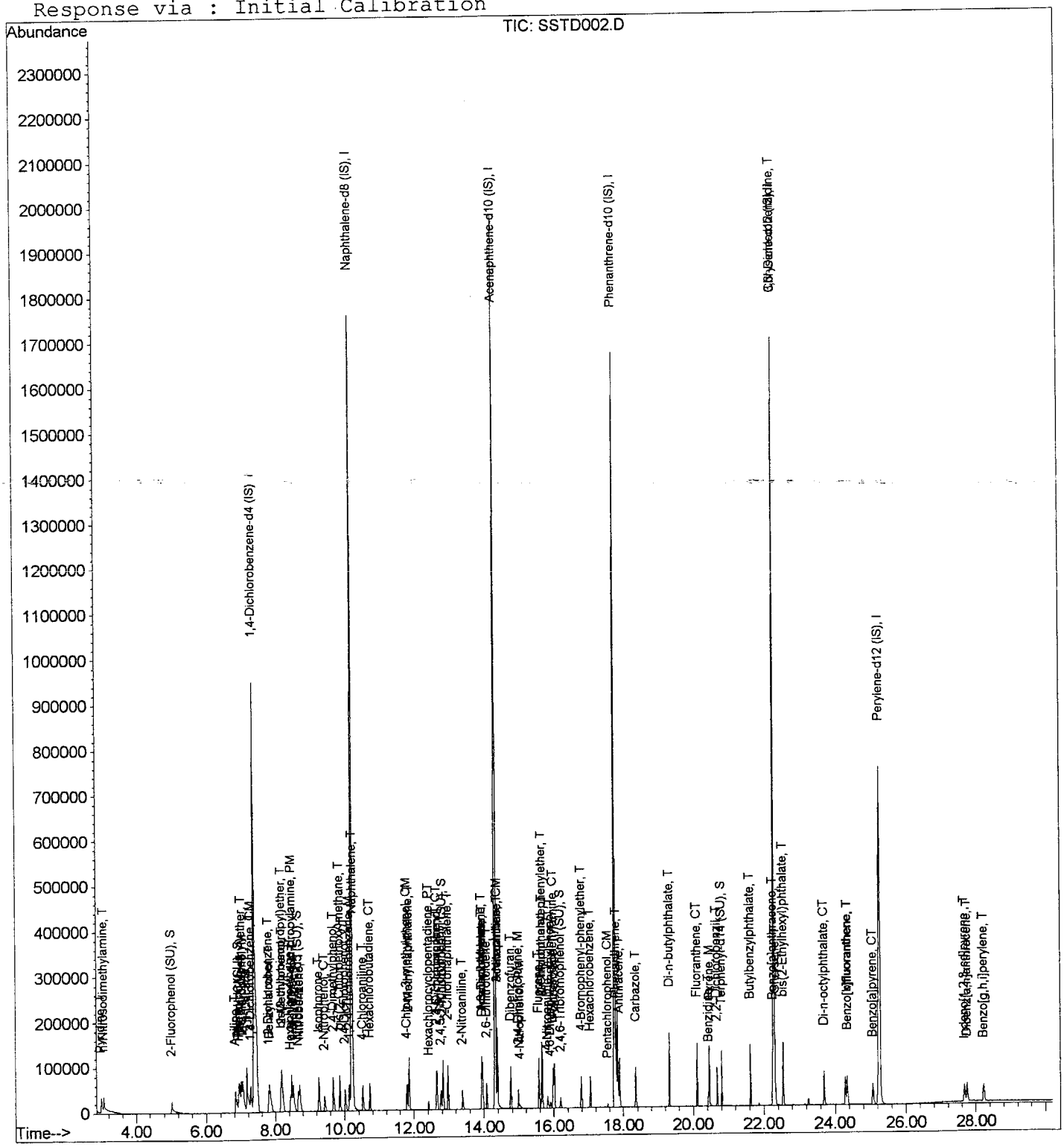
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**LCS050.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 ICAL**
Date Acquired:	**11/ 7/20 -1:5:**	Method	~~**H7J19SV**~~ H7K07SV.M CB 11-19-07

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	51.24	-2.49
1,4-Dichlorobenzene	50	49.74	0.52
2-Nitrophenol	50	52.77	-5.55
2,4-Dichlorophenol	50	52.26	-4.52
Hexachlorobutadiene	50	51.03	-2.06
4-Chloro-3-methylphenol	50	52.43	-4.87
2,4,6-Trichlorophenol	50	53.43	-6.87
Acenaphthene	50	50.41	-0.82
n-Nitrosodiphenylamine	50	50.32	-0.64
Pentachlorophenol	50	55.30	-10.60
Fluoranthene	50	50.90	-1.80
Di-n-octylphthalate	50	52.71	-5.43
Benzo[a]pyrene	50	54.69	-9.37

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.261
Hexachlorocyclopentadiene	0.05	0.326
2,4-Dinitrophenol	0.05	0.225
4-Nitrophenol	0.05	0.129

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: LCS050.D
Date: 11/ 7/20 -1:5:
Matrix: 8270/625 ICAL

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	52.23	104	(70-130)
n-Nitrosodimethylamine	50	50.23	100	(80-120)
bis(2-Chloroethyl)ether	50	47.50	95	(80-120)
Aniline	50	51.48	103	(80-120)
2-Chlorophenol	50	51.28	103	(80-120)
n-Decane	50	49.94	100	(80-120)
1,3-Dichlorobenzene	50	51.93	104	(80-120)
1,2-Dichlorobenzene	50	50.81	102	(80-120)
Benzyl alcohol	50	52.09	104	(70-130)
bis(2-chloroisopropyl)ether	50	51.35	103	(80-120)
2-Methylphenol	50	51.22	102	(80-120)
Hexachloroethane	50	50.55	101	(80-120)
N-Nitroso-di-n-propylamine	50	50.41	101	(80-120)
4-Methylphenol	50	51.71	103	(80-120)
Nitrobenzene	50	51.70	103	(80-120)
Isophorone	50	52.77	106	(80-120)
2,4-Dimethylphenol	50	49.89	100	(80-120)
bis(2-Chloroethoxy)methane	50	49.80	100	(80-120)
1,2,4-Trichlorobenzene	50	51.09	102	(80-120)
Benzoic Acid	50	48.67	97	(75-125)
Naphthalene	50	50.40	101	(80-120)
4-Chloroaniline	50	51.24	102	(80-120)
2-Methylnaphthalene	50	51.11	102	(80-120)
2,3-Dichloroaniline	50	52.41	105	(80-120)
Hexachlorocyclopentadiene	50	61.74	123	(70-130)
2,4,5-Trichlorophenol	50	54.26	109	(80-120)
2-Chloronaphthalene	50	51.48	103	(80-120)
2-Nitroaniline	50	54.61	109	(80-130)
1,3-Dinitrobenzene	50	58.57	117	(80-120)
Acenaphthylene	50	56.80	114	(80-120)
Dimethylphthalate	50	50.56	101	(80-120)
2,6-Dinitrotoluene	50	52.50	105	(80-120)
3-Nitroaniline	50	53.26	107	(70-140)
2,4-Dinitrophenol	50	51.90	104	(60-140)
Dibenzofuran	50	51.18	102	(80-120)
2,4-Dinitrotoluene	50	53.73	107	(70-140)

4-Nitrophenol	50	51.14	102	(60-135)
Fluorene	50	51.00	102	(80-120)
4-Chlorophenyl-phenylether	50	49.52	99	(80-120)
Diethylphthalate	50	49.35	99	(65-120)
Azobenzene	50	49.88	100	(80-120)
4-Nitroaniline	50	55.39	111	(60-160)
n-Octadecane	50	49.24	98	(80-120)
4,6-Dinitro-2-methylphenol	50	57.73	115	(80-120)
4-Bromophenyl-phenylether	50	50.62	101	(75-125)
Hexachlorobenzene	50	50.61	101	(70-120)
Phenanthrene	50	49.54	99	(80-120)
Anthracene	50	49.12	98	(80-120)
Carbazole	50	48.96	98	(70-120)
Di-n-butylphthalate	50	50.02	100	(80-120)
Pyrene	50	49.68	99	(60-120)
2,2'-Dichlorobenzil	50	51.92	104	(80-120)
Benzidine	50	43.21	86	(30-180)
Butylbenzylphthalate	50	49.74	99	(80-120)
3,3'-Dichlorobenzidine	50	54.02	108	(50-170)
Benzo[a]anthracene	50	51.27	103	(80-120)
Chrysene	50	49.73	99	(80-120)
bis(2-Ethylhexyl)phthalate	50	49.50	99	(75-125)
Benzo[b]fluoranthene	50	49.05	98	(80-120)
Benzo[k]fluoranthene	50	49.28	99	(80-120)
Indeno[1,2,3-cd]pyrene	50	49.81	100	(50-150)
Dibenz[a,h]anthracene	50	52.06	104	(60-160)
Benzo[g,h,i]perylene	50	48.93	98	(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.81	102	(80-120)
Phenol-d6 (SU)	50	50.75	101	(80-120)
Nitrobenzene-d5 (SU)	25	24.80	99	(80-120)
2-Fluorobiphenyl (SU)	25	25.07	100	(80-120)
2,4,6-Tribromophenol (SU)	50	54.66	109	(80-120)
Terphenyl-d14 (SU)	25	25.28	101	(70-130)

*Denotes values out of expected range.

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	477085	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.23	136	1515673	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	769624	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.77	188	1105922	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	827825	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	768234	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	927763	50.81	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.81%			
7) Phenol-d6 (SU)	6.95	99	1201169	50.75	ppm	0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 50.75%			
21) Nitrobenzene-d5 (SU)	8.69	82	457453	24.80	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 49.60%			
40) 2-Fluorobiphenyl (SU)	12.86	172	657639	25.07	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 50.14%			
62) 2,4,6-Tribromophenol (SU)	16.24	330	216669	54.66	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 54.66%			
74) Terphenyl-d14 (SU)	20.82	244	540936	25.28	ppm	-0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 50.56%			
Target Compounds						Qvalue
3) Pyridine	2.95	79	1365010	52.23	ppm	# 69
4) n-Nitrosodimethylamine	3.04	74	895096	50.23	ppm	95
5) bis(2-Chloroethyl)ether	7.02	93	1077997	47.50	ppm	96
6) Aniline	6.84	93	1533991	51.48	ppm	98
8) Phenol	6.97	94	1285822	51.24	ppm	96
9) 2-Chlorophenol	7.05	128	874060	51.28	ppm	98
10) n-Decane	7.17	57	1566386	49.94	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	852202	51.93	ppm	98
12) 1,4-Dichlorobenzene	7.41	146	1003939	49.74	ppm	98
13) 1,2-Dichlorobenzene	7.80	146	884590	50.81	ppm	99
14) Benzyl alcohol	7.84	108	564082	52.09	ppm	99
15) bis(2-chloroisopropyl)ethe	8.17	45	2482178	51.35	ppm	100
16) 2-Methylphenol	8.20	107	677308	51.22	ppm	98
17) Hexachloroethane	8.44	117	362362	50.55	ppm	99
18) N-Nitroso-di-n-propylamine	8.52	70	751735	50.41	ppm	100
19) 4-Methylphenol	8.56	107	930166	51.71	ppm	99
22) Nitrobenzene	8.73	77	988549	51.70	ppm	100
23) Isophorone	9.30	82	1779876	49.48	ppm	100
24) 2-Nitrophenol	9.44	139	500559	52.77	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.72	122	675499	49.89	ppm		100
26) bis(2-Chloroethoxy)methane	9.90	93	1083284	49.80	ppm		100
27) 2,4-Dichlorophenol	10.04	162	646086	52.26	ppm		99
28) 1,2,4-Trichlorobenzene	10.14	180	666373	51.09	ppm		99
29) Benzoic Acid	10.33	122	361949	48.67	ppm	#	53
30) Naphthalene	10.27	128	1871619	50.40	ppm		100
31) 4-Chloroaniline	10.54	127	848904	51.24	ppm		99
32) Hexachlorobutadiene	10.74	225	337265	51.03	ppm		99
33) 4-Chloro-3-methylphenol	11.81	107	609272	52.43	ppm		98
34) 2-Methylnaphthalene	11.88	141	1114609	51.11	ppm		99
35) 2,3-Dichloroaniline	12.65	161	703360	52.41	ppm		100
37) Hexachlorocyclopentadiene	12.43	237	313390	61.74	ppm		100
38) 2,4,6-Trichlorophenol	12.68	196	421613	53.43	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	459772	54.26	ppm		99
41) 2-Chloronaphthalene	13.00	162	1145399	51.48	ppm		99
42) 2-Nitroaniline	13.42	65	495825	54.61	ppm		99
43) 1,3-Dinitrobenzene	13.98	168	275822	58.57	ppm		93
44) Acenaphthylene	13.97	152	1851095	56.80	ppm		100
45) Dimethylphthalate	14.02	163	1310708	50.56	ppm		100
46) 2,6-Dinitrotoluene	14.14	165	351059	52.50	ppm		99
47) Acenaphthene	14.42	154	1033673	50.41	ppm		99
48) 3-Nitroaniline	14.42	138	353419	53.26	ppm		99
49) 2,4-Dinitrophenol	14.65	184	216140	51.90	ppm		98
50) Dibenzofuran	14.80	168	1540569	51.18	ppm		99
51) 2,4-Dinitrotoluene	15.03	165	440246	53.73	ppm		99
52) 4-Nitrophenol	15.02	109	124542	51.14	ppm		94
53) Fluorene	15.61	166	1238295	51.00	ppm		99
54) 4-Chlorophenyl-phenylether	15.70	204	600298	49.52	ppm		99
55) Diethylphthalate	15.71	149	1187053	49.35	ppm		100
56) Azobenzene	16.05	77	1641029	49.88	ppm		100
57) 4-Nitroaniline	15.93	138	329835	55.39	ppm		99
58) n-Octadecane	17.85	57	1212754	49.24	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.98	198	291686	57.73	ppm		98
61) n-Nitrosodiphenylamine	16.04	169	803743	50.32	ppm		96
63) 4-Bromophenyl-phenylether	16.81	248	369779	50.62	ppm		100
64) Hexachlorobenzene	17.08	284	421163	50.61	ppm		99
65) Pentachlorophenol	17.57	266	259385	55.30	ppm		98
66) Phenanthrene	17.83	178	1527537	49.54	ppm		100
67) Anthracene	17.93	178	1511301	49.12	ppm		99
68) Carbazole	18.38	167	1288408	48.96	ppm		99
69) Di-n-butylphthalate	19.34	149	2208119	50.02	ppm		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.14	202	1685200	50.90 ppm	100
72) Pyrene	20.48	202	1649008	49.68 ppm	100
73) 2,2'-Dichlorobenzil	20.69	139	1236573	51.92 ppm	100
75) Benzidine	20.43	184	425881	43.21 ppm	100
76) Butylbenzylphthalate	21.63	149	903101	49.74 ppm	99
77) 3,3'-Dichlorobenzidine	22.31	252	492253	54.02 ppm	100
78) Benzo[a]anthracene	22.27	228	1361552	51.27 ppm	100
79) Chrysene	22.35	228	1178149	49.73 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.56	149	1108854	49.50 ppm	99
81) Di-n-octylphthalate	23.72	149	1655997	52.71 ppm	100
83) Benzo[b]fluoranthene	24.34	252	1306841	49.05 ppm	100
84) Benzo[k]fluoranthene	24.41	252	1229902	49.28 ppm	100
85) Benzo[a]pyrene	25.14	252	1220802	54.69 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.73	276	1039214	49.81 ppm	99
87) Dibenz[a,h]anthracene	27.81	278	1106338	52.06 ppm	99
88) Benzo[g,h,i]perylene	28.32	276	1046952	48.93 ppm	100

(#) = qualifier out of range (m) = manual integration

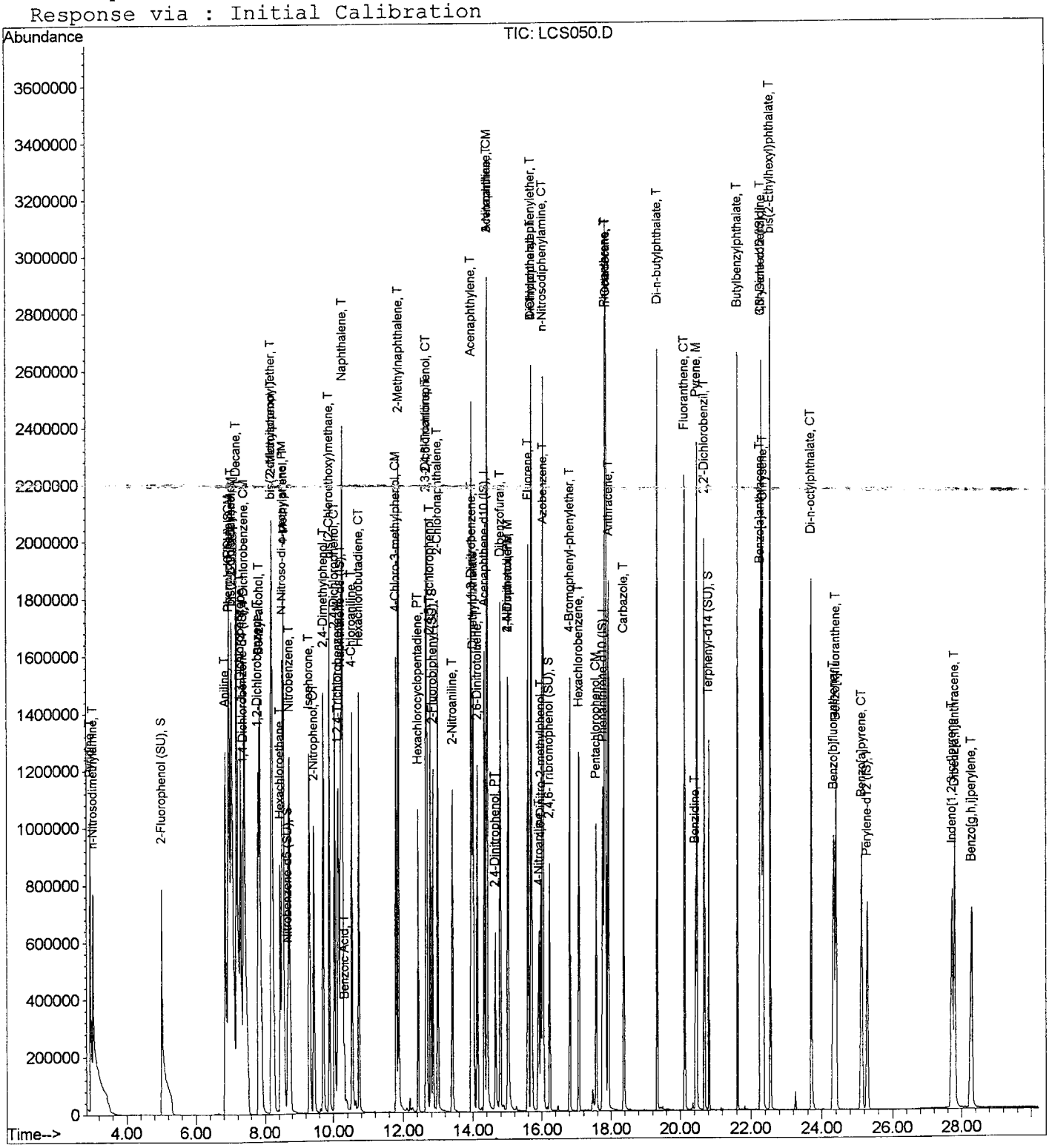
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	106	0.00
2	S	2-Fluorophenol (SU)	1.531	1.556	-1.6	110	0.00
3	T	Pyridine	2.191	2.289	-4.5	112	0.01
4	T	n-Nitrosodimethylamine	1.494	1.501	-0.5	108	0.02
5	T	bis(2-Chloroethyl)ether	1.903	1.808	5.0	110	0.01
6	T	Aniline	2.498	2.572	-3.0	108	0.00
7	S	Phenol-d6 (SU)	1.985	2.014	-1.5	109	0.01
8	CM	Phenol	2.104	2.156	-2.5	110	0.01
9	M	2-Chlorophenol	1.429	1.466	-2.6	110	0.00
10	T	n-Decane	2.630	2.627	0.1	107	0.00
11	T	1,3-Dichlorobenzene	1.376	1.429	-3.9	111	0.00
12	CM	1,4-Dichlorobenzene	1.692	1.683	0.5	105	0.00
13	T	1,2-Dichlorobenzene	1.460	1.483	-1.6	108	0.00
14	T	Benzyl alcohol	0.908	0.946	-4.2	110	0.00
15	T	bis(2-chloroisopropyl)ether	4.053	4.162	-2.7	112	0.00
16	T	2-Methylphenol	1.109	1.136	-2.4	111	0.00
17	T	Hexachloroethane	0.601	0.608	-1.2	107	0.00
18	PM	N-Nitroso-di-n-propylamine	1.250	1.261	-0.9	109	0.00
19	T	4-Methylphenol	1.508	1.560	-3.4	111	0.00
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	107	0.00
21	S	Nitrobenzene-d5 (SU)	0.487	0.241	50.5#	53	0.00
22	T	Nitrobenzene	0.505	0.522	-3.4	113	0.00
23	T	Isophorone	0.949	0.939	1.1	109	0.00
24	CT	2-Nitrophenol	0.250	0.264	-5.6	110	0.00
25	T	2,4-Dimethylphenol	0.357	0.357	0.0	108	0.01
26	T	bis(2-Chloroethoxy)methane	0.574	0.572	0.3	108	0.00
27	CT	2,4-Dichlorophenol	0.326	0.341	-4.6	109	0.00
28	M	1,2,4-Trichlorobenzene	0.344	0.352	-2.3	109	0.00
29	T	Benzoic Acid	0.162	0.191	-17.9	116	0.02
30	T	Naphthalene	0.980	0.988	-0.8	109	0.00
31	T	4-Chloroaniline	0.437	0.448	-2.5	108	0.00
32	CT	Hexachlorobutadiene	0.174	0.178	-2.3	107	0.00
33	CM	4-Chloro-3-methylphenol	0.307	0.322	-4.9	111	0.00
34	T	2-Methylnaphthalene	0.576	0.588	-2.1	111	0.00
35	T	2,3-Dichloroaniline	0.354	0.371	-4.8	113	0.00
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	107	0.00
37	PT	Hexachlorocyclopentadiene	0.240	0.326	-35.8#	136	0.00
38	CT	2,4,6-Trichlorophenol	0.410	0.438	-6.8	110	0.00
39	T	2,4,5-Trichlorophenol	0.440	0.478	-8.6	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.364	0.684	49.9#	55	0.00
41	T	2-Chloronaphthalene	1.156	1.191	-3.0	111	0.00
42	T	2-Nitroaniline	0.472	0.515	-9.1	114	0.00
43	T	1,3-Dinitrobenzene	0.235	0.287	-22.1	127	0.00
44	T	Acenaphthylene	1.694	1.924	-13.6	122	0.00
45	T	Dimethylphthalate	1.347	1.362	-1.1	109	0.00
46	T	2,6-Dinitrotoluene	0.348	0.365	-4.9	109	0.00
47	CM	Acenaphthene	1.066	1.074	-0.8	110	0.00
48	T	3-Nitroaniline	0.345	0.367	-6.4	113	0.00
49	PT	2,4-Dinitrophenol	0.182	0.225	-23.6	116	0.00
50	T	Dibenzofuran	1.564	1.601	-2.4	110	0.00
51	M	2,4-Dinitrotoluene	0.426	0.458	-7.5	109	0.00
52	PM	4-Nitrophenol	0.115	0.129	-12.2	119	0.00
53	T	Fluorene	1.262	1.287	-2.0	109	0.00
54	T	4-Chlorophenyl-phenylether	0.630	0.624	1.0	107	0.00
55	T	Diethylphthalate	1.250	1.234	1.3	110	0.00
56	T	Azobenzene	1.710	1.706	0.2	109	0.00
57	T	4-Nitroaniline	0.309	0.343	-11.0	115	0.01
58	T	n-Octadecane	1.280	1.261	1.5	107	0.00
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	108	0.00
60	T	4,6-Dinitro-2-methylphenol	0.183	0.211	-15.3	114	0.01
61	CT	n-Nitrosodiphenylamine	0.578	0.581	-0.5	110	0.00
62	S	2,4,6-Tribromophenol (SU)	0.143	0.157	-9.8	114	0.00
63	T	4-Bromophenyl-phenylether	0.264	0.267	-1.1	110	0.00
64	T	Hexachlorobenzene	0.301	0.305	-1.3	112	0.00
65	CM	Pentachlorophenol	0.170	0.188	-10.6	113	0.00
66	T	Phenanthrene	1.115	1.105	0.9	109	0.00
67	T	Anthracene	1.113	1.093	1.8	110	0.00
68	T	Carbazole	0.952	0.932	2.1	113	0.00
69	T	Di-n-butylphthalate	1.597	1.597	0.0	108	0.00
70	CT	Fluoranthene	1.197	1.219	-1.8	112	0.00
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	109	0.00
72	M	Pyrene	1.604	1.594	0.6	110	0.00
73	T	2,2'-Dichlorobenzil	1.151	1.195	-3.8	109	0.00
74	S	Terphenyl-d14 (SU)	1.034	0.523	49.4#	54	-0.01
75	T	Benzidine	0.476	0.412	13.4	89	0.00
76	T	Butylbenzylphthalate	0.877	0.873	0.5	106	0.00
77	T	3,3'-Dichlorobenzidine	0.440	0.476	-8.2	113	0.00
78	T	Benzo[a]anthracene	1.283	1.316	-2.6	111	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.145	1.139	0.5	111	0.00
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.072	0.9	107	0.00
81	CT	Di-n-octylphthalate	1.518	1.600	-5.4#	110	0.00
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	105	0.00
83	T	Benzo[b]fluoranthene	1.387	1.361	1.9	107	0.00
84	T	Benzo[k]fluoranthene	1.300	1.281	1.5	112	0.00
85	CT	Benzo[a]pyrene	1.162	1.271	-9.4	114	0.00
86	T	Indeno[1,2,3-cd]pyrene	1.086	1.082	0.4	98	0.00
87	T	Dibenz[a,h]anthracene	1.106	1.152	-4.2	99	0.00
88	T	Benzo[g,h,i]perylene	1.114	1.090	2.2	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D Vial: 9
Acq On : 7 Nov 2007 5:09 pm Operator: AMI/DF
Sample : 50ppm Sec. Source# 7090368 Inst : GCMS8
Misc : 8270/625 ICAL Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	477085	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.23	136	1515673	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	769624	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.77	188	1105922	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	827825	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	768234	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	927763	50.81	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.81%			
7) Phenol-d6 (SU)	6.95	99	1201169	50.75	ppm	0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 50.75%			
21) Nitrobenzene-d5 (SU)	8.69	82	457453	24.80	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 49.60%			
40) 2-Fluorobiphenyl (SU)	12.86	172	657639	25.07	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 50.14%			
62) 2,4,6-Tribromophenol (SU)	16.24	330	216669	54.66	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 54.66%			
74) Terphenyl-d14 (SU)	20.82	244	540936	25.28	ppm	-0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 50.56%			
Target Compounds						Qvalue
3) Pyridine	2.95	79	1365010	52.23	ppm	# 69
4) n-Nitrosodimethylamine	3.04	74	895096	50.23	ppm	95
5) bis(2-Chloroethyl)ether	7.02	93	1077997	47.50	ppm	96
6) Aniline	6.84	93	1533991	51.48	ppm	98
8) Phenol	6.97	94	1285822	51.24	ppm	96
9) 2-Chlorophenol	7.05	128	874060	51.28	ppm	98
10) n-Decane	7.17	57	1566386	49.94	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	852202	51.93	ppm	98
12) 1,4-Dichlorobenzene	7.41	146	1003939	49.74	ppm	98
13) 1,2-Dichlorobenzene	7.80	146	884590	50.81	ppm	99
14) Benzyl alcohol	7.84	108	564082	52.09	ppm	99
15) bis(2-chloroisopropyl)ethe	8.17	45	2482178	51.35	ppm	100
16) 2-Methylphenol	8.20	107	677308	51.22	ppm	98
17) Hexachloroethane	8.44	117	362362	50.55	ppm	99
18) N-Nitroso-di-n-propylamine	8.52	70	751735	50.41	ppm	100
19) 4-Methylphenol	8.56	107	930166	51.71	ppm	99
22) Nitrobenzene	8.73	77	988549	51.70	ppm	100
23) Isophorone	9.30	82	1779876	49.48	ppm	100
24) 2-Nitrophenol	9.44	139	500559	52.77	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D Vial: 9
Acq On : 7 Nov 2007 5:09 pm Operator: AMI/DF
Sample : 50ppm Sec. Source# 7090368 Inst : GCMS8
Misc : 8270/625 ICAL Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25)	2,4-Dimethylphenol	9.72	122	675499	49.89	ppm		100
26)	bis(2-Chloroethoxy)methane	9.90	93	1083284	49.80	ppm		100
27)	2,4-Dichlorophenol	10.04	162	646086	52.26	ppm		99
28)	1,2,4-Trichlorobenzene	10.14	180	666373	51.09	ppm		99
29)	Benzoic Acid	10.33	122	361949	48.67	ppm	#	53
30)	Naphthalene	10.27	128	1871619	50.40	ppm		100
31)	4-Chloroaniline	10.54	127	848904	51.24	ppm		99
32)	Hexachlorobutadiene	10.74	225	337265	51.03	ppm		99
33)	4-Chloro-3-methylphenol	11.81	107	609272	52.43	ppm		98
34)	2-Methylnaphthalene	11.88	141	1114609	51.11	ppm		99
35)	2,3-Dichloroaniline	12.65	161	703360	52.41	ppm		100
37)	Hexachlorocyclopentadiene	12.43	237	313390	61.74	ppm		100
38)	2,4,6-Trichlorophenol	12.68	196	421613	53.43	ppm		99
39)	2,4,5-Trichlorophenol	12.77	196	459772	54.26	ppm		99
41)	2-Chloronaphthalene	13.00	162	1145399	51.48	ppm		99
42)	2-Nitroaniline	13.42	65	495825	54.61	ppm		99
43)	1,3-Dinitrobenzene	13.98	168	275822	58.57	ppm		93
44)	Acenaphthylene	13.97	152	1851095	56.80	ppm		100
45)	Dimethylphthalate	14.02	163	1310708	50.56	ppm		100
46)	2,6-Dinitrotoluene	14.14	165	351059	52.50	ppm		99
47)	Acenaphthene	14.42	154	1033673	50.41	ppm		99
48)	3-Nitroaniline	14.42	138	353419	53.26	ppm		99
49)	2,4-Dinitrophenol	14.65	184	216140	51.90	ppm		98
50)	Dibenzofuran	14.80	168	1540569	51.18	ppm		99
51)	2,4-Dinitrotoluene	15.03	165	440246	53.73	ppm		99
52)	4-Nitrophenol	15.02	109	124542	51.14	ppm		94
53)	Fluorene	15.61	166	1238295	51.00	ppm		99
54)	4-Chlorophenyl-phenylether	15.70	204	600298	49.52	ppm		99
55)	Diethylphthalate	15.71	149	1187053	49.35	ppm		100
56)	Azobenzene	16.05	77	1641029	49.88	ppm		100
57)	4-Nitroaniline	15.93	138	329835	55.39	ppm		99
58)	n-Octadecane	17.85	57	1212754	49.24	ppm		100
60)	4,6-Dinitro-2-methylphenol	15.98	198	291686	57.73	ppm		98
61)	n-Nitrosodiphenylamine	16.04	169	803743	50.32	ppm		96
63)	4-Bromophenyl-phenylether	16.81	248	369779	50.62	ppm		100
64)	Hexachlorobenzene	17.08	284	421163	50.61	ppm		99
65)	Pentachlorophenol	17.57	266	259385	55.30	ppm		98
66)	Phenanthrene	17.83	178	1527537	49.54	ppm		100
67)	Anthracene	17.93	178	1511301	49.12	ppm		99
68)	Carbazole	18.38	167	1288408	48.96	ppm		99
69)	Di-n-butylphthalate	19.34	149	2208119	50.02	ppm		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D Vial: 9
Acq On : 7 Nov 2007 5:09 pm Operator: AMI/DF
Sample : 50ppm Sec. Source# 7090368 Inst : GCMS8
Misc : 8270/625 ICAL Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

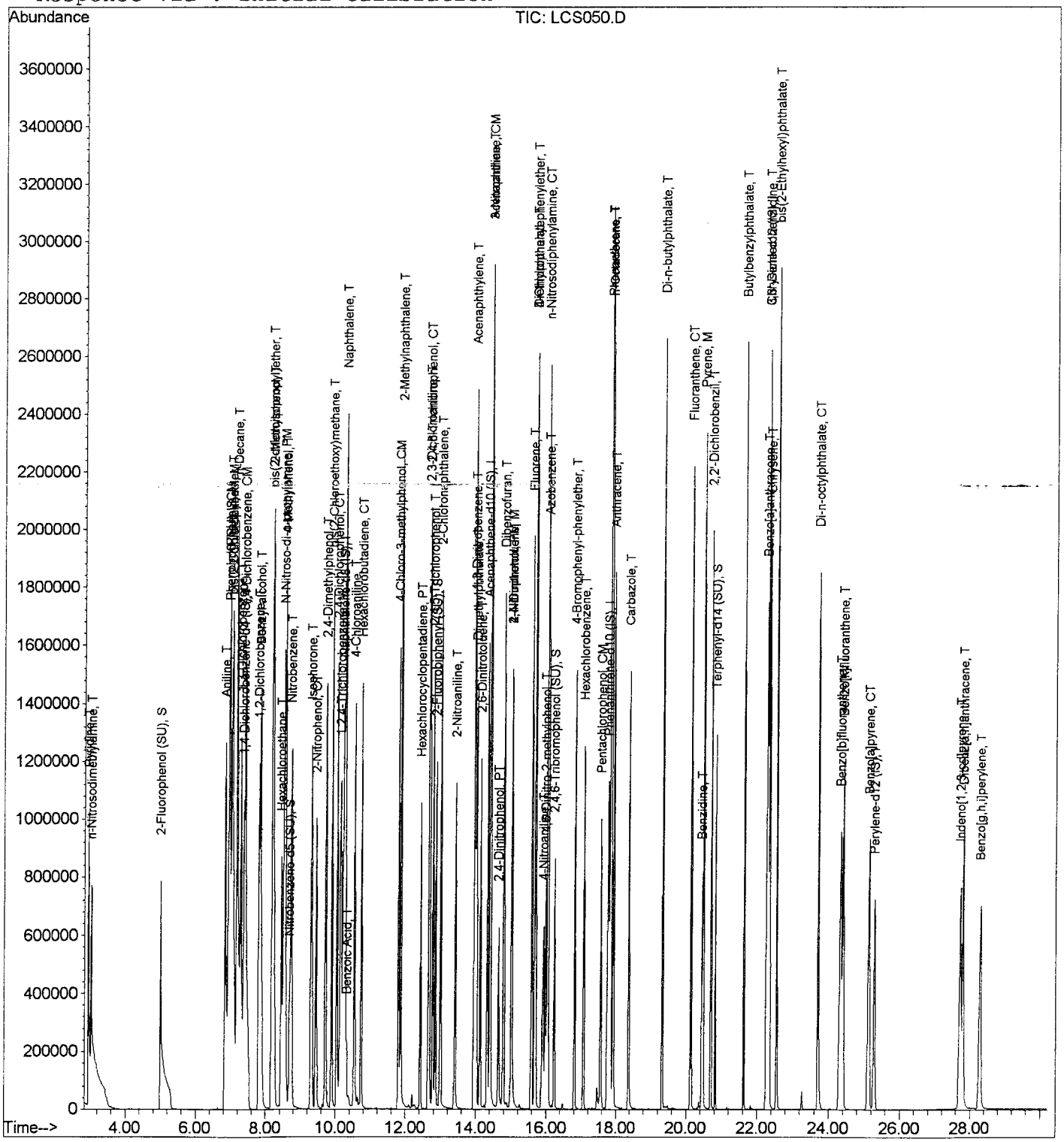
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.14	202	1685200	50.90	ppm	100
72) Pyrene	20.48	202	1649008	49.68	ppm	100
73) 2,2'-Dichlorobenzil	20.69	139	1236573	51.92	ppm	100
75) Benzidine	20.43	184	425881	43.21	ppm	100
76) Butylbenzylphthalate	21.63	149	903101	49.74	ppm	99
77) 3,3'-Dichlorobenzidine	22.31	252	492253	54.02	ppm	100
78) Benzo[a]anthracene	22.27	228	1361552	51.27	ppm	100
79) Chrysene	22.35	228	1178149	49.73	ppm	99
80) bis(2-Ethylhexyl)phthalate	22.56	149	1108854	49.50	ppm	99
81) Di-n-octylphthalate	23.72	149	1655997	52.71	ppm	100
83) Benzo[b]fluoranthene	24.34	252	1306841	49.05	ppm	100
84) Benzo[k]fluoranthene	24.41	252	1229902	49.28	ppm	100
85) Benzo[a]pyrene	25.14	252	1220802	54.69	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.73	276	1039214	49.81	ppm	99
87) Dibenz[a,h]anthracene	27.81	278	1106338	52.06	ppm	99
88) Benzo[g,h,i]perylene	28.32	276	1046952	48.93	ppm	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D Vial: 9
Acq On : 7 Nov 2007 5:09 pm Operator: AMI/DF
Sample : 50ppm Sec. Source# 7090368 Inst : GCMS8
Misc : 8270/625 ICAL Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107 Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



GC/MS DAILY LOG SUMMARY

DATE: 11-19-07 **DATAFILE:** C:\GCMS 8 \DATA\ 07NOV19

ANALYST: LB/SH **GCMS:** # 8 **EPA METHOD:** 625/8270C

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN1	***	Pass @ 09:48				
2	50ppm Midpoint STD	***	SSTD050	***					RT's updated
3	7K16098-BLK1	-	H1119001	TCLP	SH	16098	LB 11-19-07	∝ 11/19/07	
4	-BS1	-	02	↓	↓	↓	↓	↓	
5	7K16097-BLK1	-	03	↓	↓	16097	↓	↓	
6	-BS1	-	04	↓	↓	↓	↓	↓	
7	1QK0839-06	-	05	↓	↓	16098	↓	∝ 11/19/07	
8	7K16098-MS1	-	06	↓	↓	↓	↓	↓	
9	1QK0434-04	100X	07	↓	↓	16097	∝ 11/19/07	LB 11-19-07	
10	1QK1101-01	5X	08	S	↓	13073	SH 11-20-07	11/20/07	
11	1QK1098-01	5X	09	↓	↓	↓	↓	↓	
12	1QK1101-02	-	10	↓	↓	↓	↓	↓	
13	1QK1098-02	2X	11	↓	↓	↓	↓	↓	
14	1QK0839-02	10X	12	W	KS	13105	∝ 11/19/KA	LB 11-19-07	
15	1QK1104-01	-	13	↓	SH	15059	SH 11-20-07	11/20/07	
16	-02	-	14	↓	↓	↓	↓	↓	
17	1QK1396-01	-	15	↓	↓	↓	↓	↓	
18	1QK1411-03	-	16	↓	↓	↓	↓	↓	
19	1QK1433-01	-	17	↓	↓	↓	↓	↓	
20	1QK1034-02	5X	18	S	KS	13073	SH 11-20-07	↓	Dark
21	-03	-	19	↓	↓	↓	↓	↓	↓
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

Benzidine < 3 ✓ Pentachlorophenol < 5 ✓ DDT Degradation < 20 ✓

Standard Code:

DFTPP: 7100452 Internal Standard: 7110338 Calibration: 7110295

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/17/2007 4:50:36PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
7K15059-BLK1		QC	11/15/07 07:22	1000	2			0	1000			
7K15059-BS1		QC	11/15/07 07:22	1000	2		7100743	500	1000			
7K15059-BSD1		QC	11/15/07 07:22	1000	2		7100743	500	1000			
IQK1104-01	-	8270C (TCLP List)	11/15/07 07:22	1000	2				1000			pH=6
IQK1104-02	-	8270C (TCLP List)	11/15/07 07:22	980	2				1000			pH=6
IQK1104-03	-	8270C (TCLP List)	11/15/07 07:22	980	2				1000			pH=6
IQK1104-05	-	8270C (TCLP List)	11/15/07 07:22	990	2				1000			pH=10
IQK1104-07	-	8270C (TCLP List)	11/15/07 07:22	990	2				1000			pH=6
IQK1271-02	C	625+NDMA+Hydrazin	11/15/07 07:22	1050	2				1000			J flags, only if sample is diluted pH=6
IQK1328-01	L	625+NDMA+Hydrazin	11/15/07 07:22	1060	2				1000			J-flag pH=6
IQK1332-01	F	625+NDMA+Hydrazin	11/15/07 07:22	1045	2				1000			J-flag pH=6
IQK1396-01	D	8270C-Default	11/15/07 07:22	1020	2				1000			TA-Irvine pH=6
IQK1411-03	-	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1433-01	G	8270C-Dichlorobenzil	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-07	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-08	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1508-09	E	8270C+NDMA+Hydra	11/15/07 07:22	1060	2				1000			J flags pH=6
IQK1515-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=10
IQK1517-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=10
IQK1519-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6

JMH 11/17/07

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/17/2007 4:50:36PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
IQK1520-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6
IQK1521-01	O	625-Default	11/15/07 07:22	1060	2				1000			pH=6
IQK1600-01	-	8270C-Phenols	11/15/07 07:22	990	1				1000			pH=6

Reagents used in Batch

Reagent	Description	Solvent

Acid heat start 11/15/07 @ 2000
stop 11/1607 @ 1410
Base heat start 11/16/07 @ 1720
11/17/07 @ 1300
MeCl2 jtb E41E60
Na2SO4 emd 47193734
H2SO4 jtb C50055
NaOH jtb C51600

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/15/2007 6:33:22PM

7100729

~~(No Surrogate)~~

Matrix: Water 23

Prepared using: Extractions - EPA 3520C

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
7K15059-BLK1		QC	11/15/07 07:22	1000	2			0	1000	LA	RN	
7K15059-BS1		QC	11/15/07 07:22	1000	2		7100743	500				
7K15059-BSD1		QC	11/15/07 07:22	1000	2		↓	500				
IQK1104-01	-	8270C (TCLP List)	11/15/07 07:22	1000	2							pH 6
IQK1104-02	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~ 980	2							
IQK1104-03	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~	2							
IQK1104-05	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~ 990	2							pH 10
IQK1104-07	-	8270C (TCLP List)	11/15/07 07:22	~~1000~~	2							pH 6
IQK1271-02	C	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1050	2							J flags, only if sample is diluted
IQK1328-01	L	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1060	2							J-flag
IQK1332-01	F	625+NDMA+Hydrazin	11/15/07 07:22	~~1000~~ 1045	2							J-flag
IQK1396-01	D	8270C-Default	11/15/07 07:22	~~1000~~ 1020	2							TA-Irvine
IQK1411-03	-	8270C+NDMA+Hydra	11/15/07 07:22	~~1000~~ 1030	2							J flags
IQK1433-01	G	8270C-Dichlorobenzil	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-07	E	8270C+NDMA+Hydra	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-08	E	8270C+NDMA+Hydra	11/15/07 07:22	~~1000~~	2							J flags
IQK1508-09	E	8270C+NDMA+Hydra	11/15/07 07:22	~~1000~~	2							J flags
IQK1515-01	O	625-Default	11/15/07 07:22	~~1000~~	2							pH 10
IQK1517-01	O	625-Default	11/15/07 07:22	~~1000~~	2							
IQK1519-01	O	625-Default	11/15/07 07:22	~~1000~~	2							pH 6

LA 11/15/07
Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K15059

TestAmerica - Irvine, CA

Printed: 11/15/2007 6:33:22PM

Matrix: Water **Prepared using: Extractions - EPA 3520C** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
IQK1520-01	O	625-Default	11/15/07 07:22	~~1000~~ 1040	2							pH 6
IQK1521-01	O	625-Default	11/15/07 07:22	~~1000~~	2							
IQK1600-01	-	8270C-Phenols	11/15/07 07:22	~~1000~~ 990	1							

$MeCl_2$ JTB E41E60

Na_2SO_4 EMD 471937341

H_2SO_4 JTB C50055

NaOH JTB C51600

Acid Heat Start 11/15 @ 2000
Stop 11/16 @ 1410

Base Heat Start 11/16 @ 1720
Stop 11/17 @ 1300

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS QA-QC Check Report

Tune File : C:\GCMS8\DATA\07NOV19\STUN1.D
Tune Time : 19 Nov 2007 9:48 am

Daily Calibration File : C:\GCMS8\DATA\07NOV19\SSTD050.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB)	(NPT)	(ANT)	(PHN)	(CRY)	(PRY)
							591143	1833440	895422	1156010	659805	452924
File	Sample	Surrogate Recovery %						Internal Standard Responses					
H1119001.D	7K16098-BLK1	63	67	74	82	86	85	620657	1927288	912113	1105615	724663	697943
H1119002.D	7K16098-BS1	70	72	77	81	90	93	611244	1892956	928644	1179279	681467	607417
H1119003.D	7K16097-BLK1	72	75	78	86	92	96	602620	1904898	918468	1092491	599494	524964
H1119004.D	7K16097-BS1	70	73	81	85	92	95	613349	1944040	976650	1302385	836324	787089
H1119005.D	IQK0839-06	74	78	82	91	99	130	604249	1948003	956058	1196405	479675	404627
H1119006.D	7K16098-MS1	88	90	88	93	104	97	458815	1564593	762173	962363	482666	431856
H1119007.D	IQK0434-04	0*	0*	0*	0*	0*	0*	492009	1628298	814391	1008312	584028	581230
H1119008.D	IQK1101-01	1*	1*	1*	2*	2*	2*	617596	2007085	1017215	1286333	749406	321589
H1119009.D	IQK1098-01	2*	2*	2*	2*	2*	2*	590907	1917492	979483	1284222	737293	247035
H1119010.D	IQK1101-02	7*	7*	7*	8*	10*	12*	609317	1930941	936768	1179726	564477	166494*
H1119011.D	IQK1098-02	4*	4*	4*	4*	5*	7*	559600	1849752	894778	1147068	495893	150575*
H1119012.D	IQK0839-02	1*	1*	1*	1*	1*	2*	600902	1929045	989460	1292169	692552	476172
H1119013.D	IQK1104-01	67	74	76	81	98	106	557927	1857291	948422	1227375	705887	330117
H1119014.D	IQK1104-02	69	73	75	84	103	122	531397	1710338	840313	1061983	501518	251225
H1119015.D	IQK1396-01	10*	9*	67	75	73	101	586077	1898776	903761	1110057	552375	355192
H1119016.D	IQK1411-03	63	64	71	79	85	104	545823	1702747	806203	947336	512121	334333
H1119017.D	IQK1433-01	63	66	72	79	90	99	603017	1918042	921148	1168919	614680	440441
H1119018.D	IQK1034-02	6*	7*	6*	8*	10*	11*	597098	1881747	922644	1176211	631176	393313
H1119019.D	IQK1034-03	52	57	57	65	82	82	623586	1953222	950017	1169066	625137	340712

\# - fails 12hr time check * - fails criteria

Created: Tue Nov 20 06:50:29 2007 GCMS8

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 Midpoint**
Date Acquired:	**11/19/20 -1:0:**	Method	**H7K07SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	48.13	3.74
1,4-Dichlorobenzene	50	50.29	-0.58
2-Nitrophenol	50	50.08	-0.15
2,4-Dichlorophenol	50	49.64	0.72
Hexachlorobutadiene	50	47.25	5.50
4-Chloro-3-methylphenol	50	45.73	8.53
2,4,6-Trichlorophenol	50	50.24	-0.47
Acenaphthene	50	48.84	2.32
n-Nitrosodiphenylamine	50	51.21	-2.42
Pentachlorophenol	50	45.04	9.93
Fluoranthene	50	44.97	10.05
Di-n-octylphthalate	50	56.84	-13.68
Benzo[a]pyrene	50	59.08	-18.17

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.246
Hexachlorocyclopentadiene	0.05	0.220
2,4-Dinitrophenol	0.05	0.164
4-Nitrophenol	0.05	0.085

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050.D
Date: 11/19/20 -1:0:
Matrix: 8270/625 Midpoint

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	49.35	99	(70-130)
n-Nitrosodimethylamine	50	50.78	102	(80-120)
bis(2-Chloroethyl)ether	50	48.39	97	(80-120)
Aniline	50	47.46	95	(80-120)
2-Chlorophenol	50	49.96	100	(80-120)
n-Decane	50	50.70	101	(80-120)
1,3-Dichlorobenzene	50	48.45	97	(80-120)
1,2-Dichlorobenzene	50	50.05	100	(80-120)
Benzyl alcohol	50	49.93	100	(70-130)
bis(2-chloroisopropyl)ether	50	50.96	102	(80-120)
2-Methylphenol	50	50.46	101	(80-120)
Hexachloroethane	50	50.13	100	(80-120)
N-Nitroso-di-n-propylamine	50	49.81	100	(80-120)
4-Methylphenol	50	50.81	102	(80-120)
Nitrobenzene	50	49.24	98	(80-120)
Isophorone	50	50.08	100	(80-120)
2,4-Dimethylphenol	50	50.15	100	(80-120)
bis(2-Chloroethoxy)methane	50	48.71	97	(80-120)
1,2,4-Trichlorobenzene	50	49.17	98	(80-120)
Benzoic Acid	50	48.35	97	(75-125)
Naphthalene	50	49.45	99	(80-120)
4-Chloroaniline	50	49.96	100	(80-120)
2-Methylnaphthalene	50	48.74	97	(80-120)
2,3-Dichloroaniline	50	46.74	93	(80-120)
Hexachlorocyclopentadiene	50	42.32	85	(70-130)
2,4,5-Trichlorophenol	50	49.82	100	(80-120)
2-Chloronaphthalene	50	48.55	97	(80-120)
2-Nitroaniline	50	49.11	98	(80-130)
1,3-Dinitrobenzene	50	47.78	96	(80-120)
Acenaphthylene	50	48.88	98	(80-120)
Dimethylphthalate	50	47.36	95	(80-120)
2,6-Dinitrotoluene	50	49.93	100	(80-120)
3-Nitroaniline	50	45.57	91	(70-140)
2,4-Dinitrophenol	50	39.74	79	(60-140)
Dibenzofuran	50	47.44	95	(80-120)
2,4-Dinitrotoluene	50	49.10	98	(70-140)

4-Nitrophenol	50	35.70	71		(60-135)
Fluorene	50	46.64	93		(80-120)
4-Chlorophenyl-phenylether	50	47.00	94		(80-120)
Diethylphthalate	50	45.58	91		(65-120)
Azobenzene	50	45.97	92		(80-120)
4-Nitroaniline	50	40.71	81		(60-160)
n-Octadecane	50	48.18	96		(80-120)
4,6-Dinitro-2-methylphenol	50	49.90	100		(80-120)
4-Bromophenyl-phenylether	50	47.36	95		(75-125)
Hexachlorobenzene	50	47.38	95		(70-120)
Phenanthrene	50	49.46	99		(80-120)
Anthracene	50	46.90	94		(80-120)
Carbazole	50	42.63	85		(70-120)
Di-n-butylphthalate	50	48.53	97		(80-120)
Pyrene	50	57.33	115		(60-120)
2,2'-Dichlorobenzil	50	61.25	123	*	(80-120)
Benzidine	50	34.04	68		(30-180)
Butylbenzylphthalate	50	57.52	115		(80-120)
3,3'-Dichlorobenzidine	50	45.97	92		(50-170)
Benzo[a]anthracene	50	48.21	96		(80-120)
Chrysene	50	47.65	95		(80-120)
bis(2-Ethylhexyl)phthalate	50	60.52	121		(75-125)
Benzo[b]fluoranthene	50	57.57	115		(80-120)
Benzo[k]fluoranthene	50	56.75	114		(80-120)
Indeno[1,2,3-cd]pyrene	50	56.59	113		(50-150)
Dibenz[a,h]anthracene	50	60.00	120		(60-160)
Benzo[g,h,i]perylene	50	60.10	120		(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.81	102		(80-120)
Phenol-d6 (SU)	50	48.88	98		(80-120)
Nitrobenzene-d5 (SU)	50	48.82	98		(80-120)
2-Fluorobiphenyl (SU)	50	48.29	97		(80-120)
2,4,6-Tribromophenol (SU)	50	47.67	95		(80-120)
Terphenyl-d14 (SU)	50	54.27	109		(70-130)

*Denotes values out of expected range.

GCMS DATA CHECK LIST
EPA 8270C/625 – Semivolatile Organic Analysis

2nd Level Review:	RMP	Analyst:	SL
Date:	11/30/07	Analysis Date:	11-19-07
QC Batches:	7K16098, 7K16097	GCMS #:	8

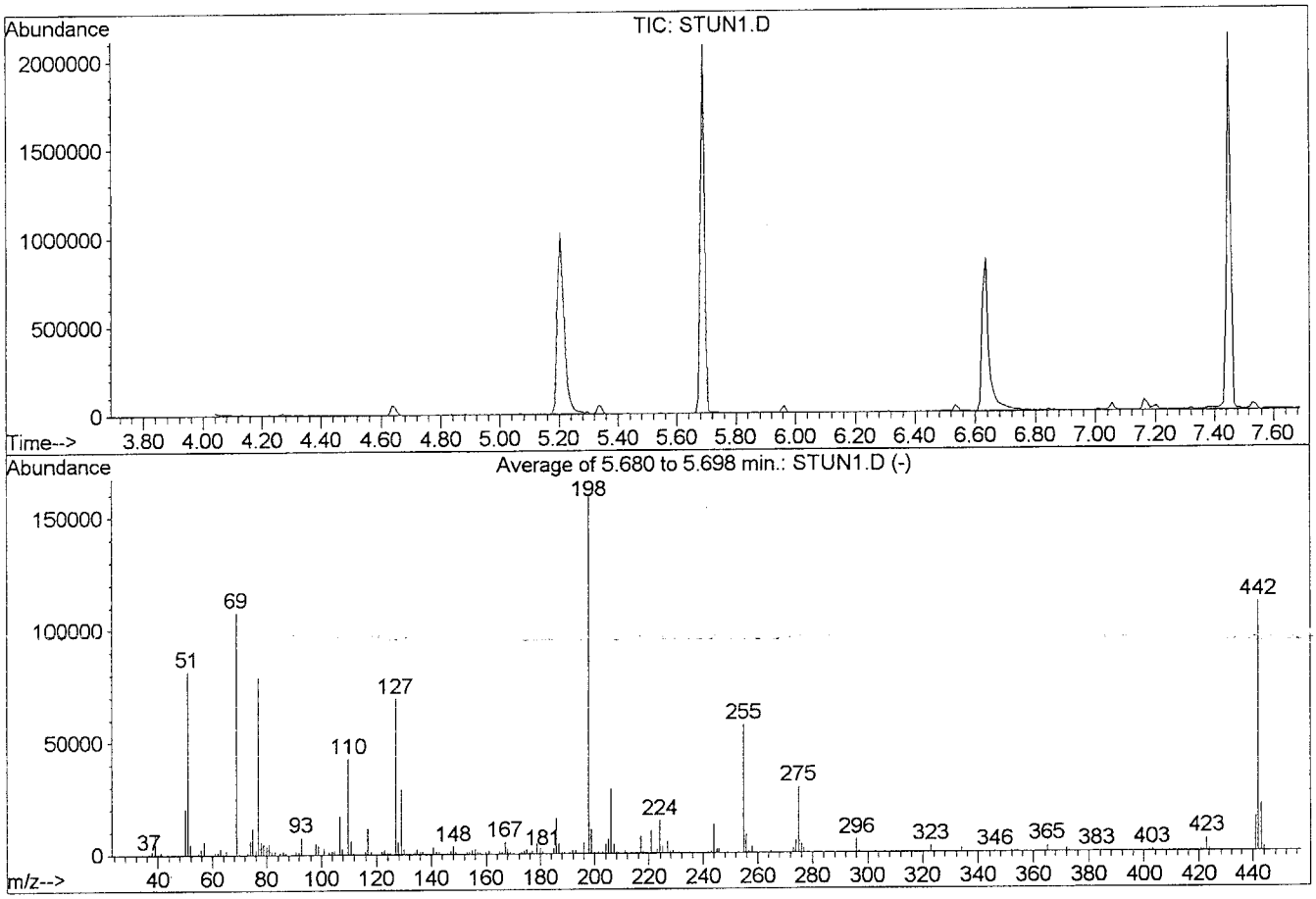
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
✓	✓	**Calibration :** • Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD of RF: <= ±30 % for CCCs; <= ±15 % for non-CCCs.
✓	✓	• If RSD >± 15 % and r^2 >= 0.99: use linear or quadratic regression. For negative or "below-cal"results by regression: reprocess using RFs.
✓	✓	**Mid-point check (ICV/CCV) :** • After initial calibration and every 12-hour shift
✓	✓	• SPCC: Minimum RF and % recovery met (refer to in-house limits)
✓	✓	• CCC: % difference from initial calibration <= 20%
✓	✓	• Other compounds: % recovery met (refer to in-house limits)
✓	✓	**Method blank :** every extraction batch of 20 samples (< RL or flag accordingly)
✓	✓	**LCS :** every extraction batch of 20 samples or less (checked against in-house limits)
✓	✓	**MS/MSD :** every extraction batch of 20 samples or less (checked against in-house limits)
✓	✓	**All samples check for :** • Unit, Dilution Factor,
✓	✓	• Manual Integration, Transcription Errors,
✓	✓	• Spectra Match
✓	✓	• IS areas (-50% to + 100 % first four IS; -20% to +100% last two IS)
✓	✓	• Surrogates within limits (refer to in-house limits)
✓	✓	• All samples analyzed within tuning period (EPA 8270C: 12hr; EPA 625: 24hr)
✓	✓	GCMS Initial Calibration Criteria Form attached (if averaged calibration RFs used)
✓	✓	GCMS Calibration Check Criteria Form attached (if averaged %REC of ICV/CCV used)
✓	✓	Mint Miner Check
✓	✓	Corrective Action Report attached (if applicable)

Comments:

DFTPP

Data File : C:\GCMS8\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 9:48 am
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00



AutoFind: Scans 180, 181, 182; Background Corrected with Scan 176

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	51.0	81501	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	67.4	107599	PASS
70	69	0.00	2	0.4	415	PASS
127	198	40	60	43.4	69273	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	159683	PASS
199	198	5	9	6.7	10698	PASS
275	198	10	30	18.3	29253	PASS
365	198	1	100	1.6	2528	PASS
441	443	0.01	100	72.9	15127	PASS
442	198	40	100	69.2	110459	PASS
443	442	17	23	18.8	20746	PASS

STUN1.D DFTPP.M Mon Nov 19 09:57:51 2007

Average of 5.680 to 5.698 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.70	235	54.95	651	73.95	6425	85.90	1336
36.90	251	55.90	2455	74.95	11684	86.90	623
37.90	1438	56.90	5629	75.95	1971	90.85	1219
38.90	8457	60.90	930	76.95	78767	91.95	1086
39.85	569	61.90	948	77.90	5481	92.85	7556
40.95	869	62.90	2605	78.90	4660	93.85	265
43.80	192	63.95	416	79.90	3545	95.85	223
45.00	195	64.90	1480	80.90	4596	97.90	4924
49.95	20348	68.85	107599	81.90	1380	98.95	3829
50.95	81501	69.80	415	82.85	1260	99.80	193
51.95	4498	73.05	653	84.90	802	100.90	2640

Average of 5.680 to 5.698 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.85	937	117.85	889	133.85	588	147.90	3270
103.90	1391	121.85	1170	134.85	2126	148.85	789
104.90	1430	122.90	1730	135.90	730	149.90	180
105.90	210	123.85	819	136.90	896	152.90	809
106.90	16912	124.90	782	138.05	167	153.80	634
107.90	2525	126.90	69273	140.05	199	154.85	1524
109.90	42596	127.90	5287	140.85	3074	155.95	2041
110.85	5942	128.90	28900	141.95	901	156.90	609
111.85	582	129.90	2431	142.80	735	157.85	517
115.95	1052	130.90	297	145.90	467	158.85	263
116.85	11576	131.95	177	146.90	1327	159.85	792

Average of 5.680 to 5.698 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
160.90	1291	175.90	564	188.85	762	203.95	4196
161.65	223	176.85	1078	190.95	446	204.95	6389
164.85	915	177.85	270	191.90	1373	205.95	28682
165.90	758	178.85	4293	192.90	1154	206.95	4000
166.90	5278	179.85	2498	193.90	202	207.90	784
167.85	2225	180.90	1141	195.90	4654	208.90	248
168.90	453	183.85	245	197.85	159683	210.90	982
171.90	263	184.95	2327	198.85	10698	211.40	244
172.90	621	185.90	15515	199.85	481	215.90	279
173.90	1172	186.90	4352	201.35	740	216.90	7416
174.85	1952	188.00	426	202.80	758	217.85	772

Average of 5.680 to 5.698 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
220.90	9953	241.85	502	264.85	794	302.90	483
222.85	1606	242.95	664	272.90	1755	313.95	231
223.95	14325	243.95	12507	273.90	5073	314.95	304
224.95	3079	244.95	1611	274.90	29253	315.90	208
226.90	5019	245.85	1708	275.90	3829	322.90	2590
227.85	594	248.85	227	276.90	1786	323.90	188
228.85	898	254.90	56915	282.85	186	326.85	213
230.90	400	255.90	8049	284.85	200	333.95	1469
233.80	262	256.90	718	292.95	234	334.95	178
234.90	334	257.90	2555	295.90	5810	345.90	209
236.80	239	258.90	200	296.85	738	351.85	374

Average of 5.680 to 5.698 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

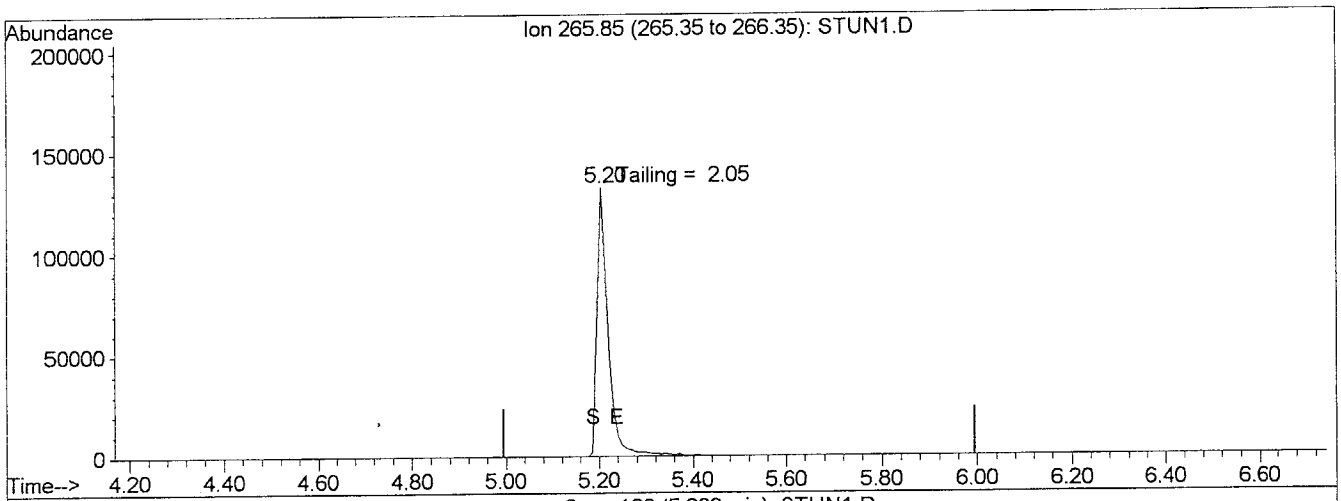
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
352.95	293	421.95	508				
353.95	499	422.95	5596				
364.90	2528	423.90	872				
365.80	203	440.95	15127				
371.75	171	441.95	110459				
371.95	1151	442.95	20746				
372.85	197	443.95	1805				
382.80	172						
401.80	319						
402.90	675						
420.90	618						

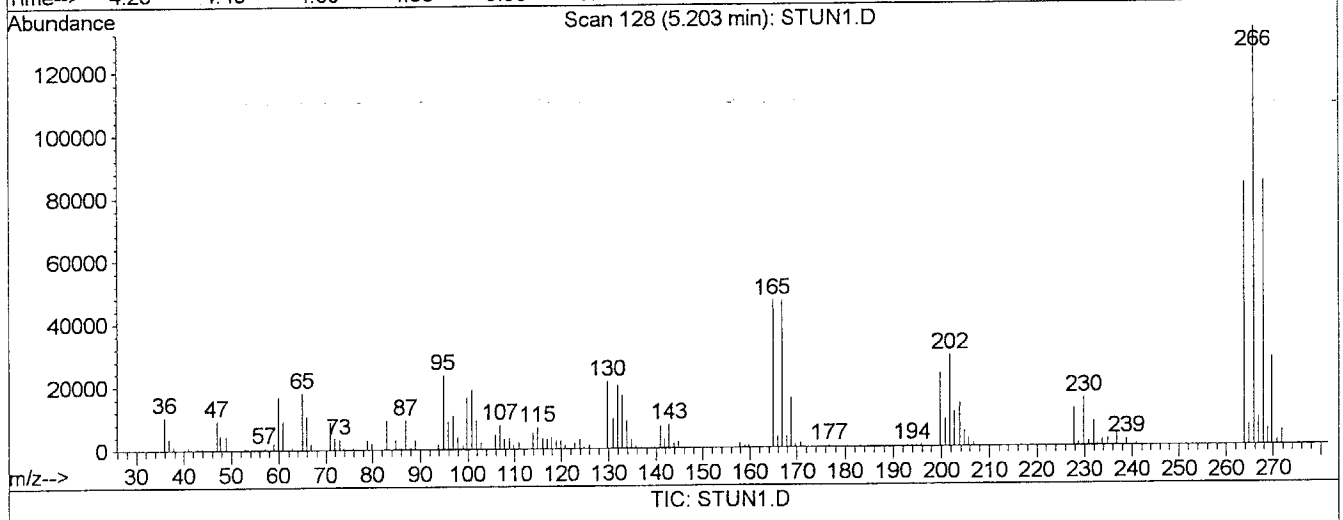
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 9:48 am
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
QuantTime: Nov 19 9:58 2007 RTE Integrator

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration





TIC: STUN1.D

(1) Pentachlorophenol

5.20min 51.93ug/ml

response 218095

Ion	Exp%	Act%
265.85	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

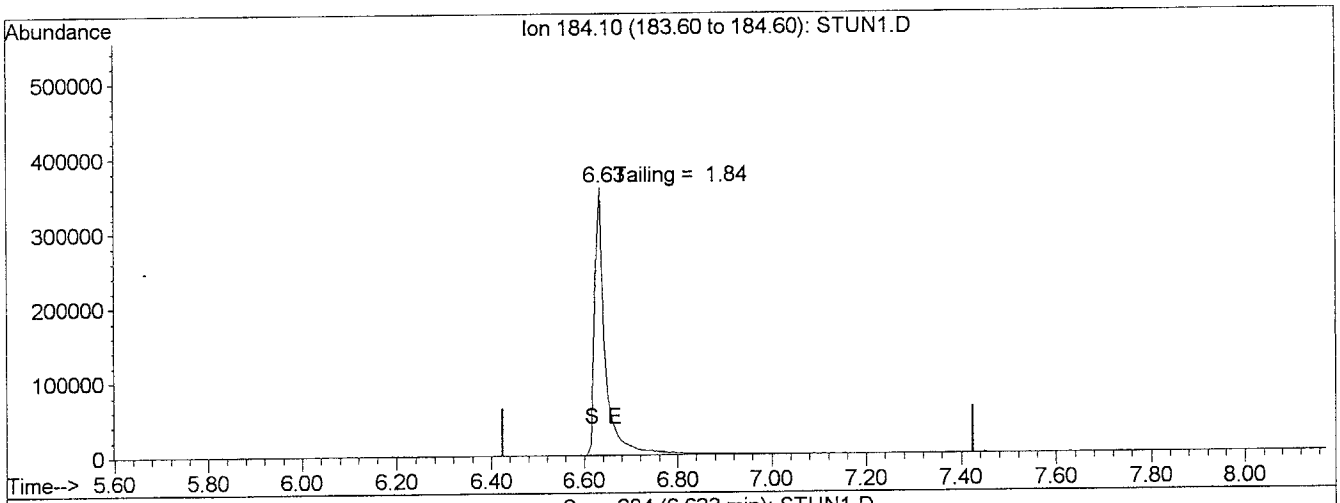
STUN1.D DFTPP.M Mon Nov 19 09:58:08 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 9:48 am
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
Quant Time: Nov 19 9:58 2007 RTE Integrator

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration



TIC: STUN1.D

(3) BENZIDINE

6.63min 53.81ug/ml

response 568655

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

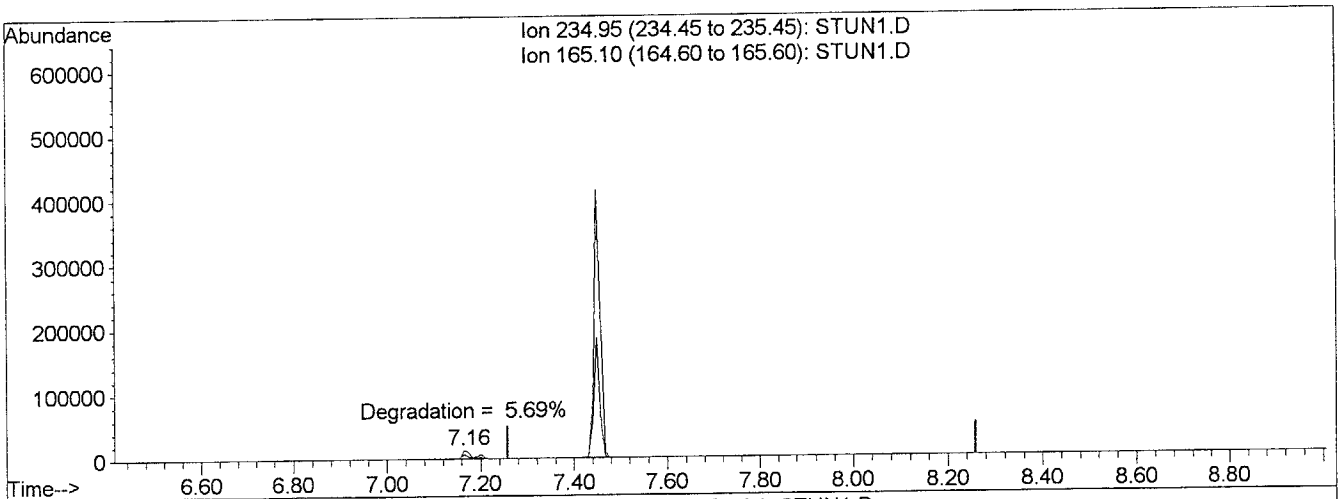
STUN1.D DFTPP.M Mon Nov 19 09:58:16 2007

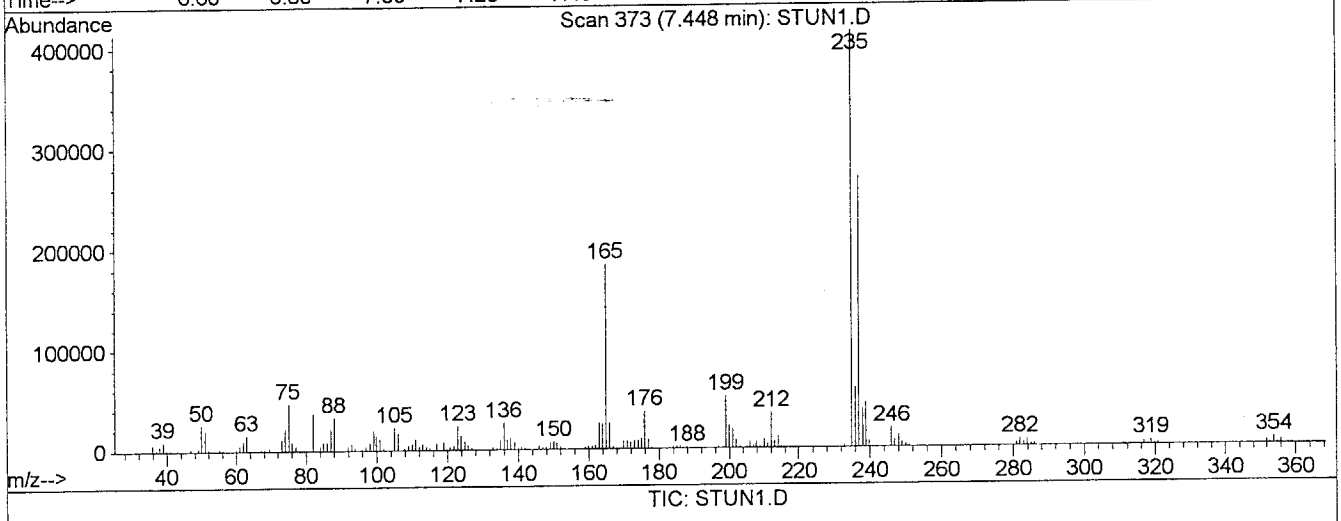
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 9:48 am
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
MS Integration Params: RTEINTP

Vial: 1
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp
Last Update : Thu Dec 02 14:36:06 2004
Response via : Multiple Level Calibration





TIC: STUN1.D

(4) DDT

7.45min 55.08ug/ml

response 388146

Ion	Exp%	Act%
234.95	100	100
165.10	44.30	42.00
0.00	0.00	0.00
0.00	0.00	0.00

STUN1.D DFTPP.M Mon Nov 19 09:58:26 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:38 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

RTs updated

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.07	152	591143	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	9.93	136	1833443	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.05	164	895422	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.47	188	1156011	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.06	240	659805	40.00	ppm	0.00
82) Perylene-d12 (IS)	24.82	264	452924	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.70	112	1149688	50.81	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.81%			
7) Phenol-d6 (SU)	6.69	99	1433550	48.88	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.88%			
21) Nitrobenzene-d5 (SU)	8.40	82	1089273	48.82	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.64%			
40) 2-Fluorobiphenyl (SU)	12.58	172	1473892	48.29	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 96.58%			
62) 2,4,6-Tribromophenol (SU)	15.95	330	197511	47.67	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 47.67%			
74) Terphenyl-d14 (SU)	20.62	244	925718	54.27	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 108.54%			
Target Compounds						Qvalue
3) Pyridine	2.62	79	1597983	49.35	ppm	# 1
4) n-Nitrosodimethylamine	2.70	74	1121146	50.78	ppm	90
5) bis(2-Chloroethyl)ether	6.72	93	1360839	48.39	ppm	93
6) Aniline	6.54	93	1752183	47.46	ppm	89
8) Phenol	6.71	94	1496446	48.13	ppm	87
9) 2-Chlorophenol	6.76	128	1055128	49.96	ppm	98
10) n-Decane	6.88	57	1970456	50.70	ppm	100
11) 1,3-Dichlorobenzene	6.99	146	985170	48.45	ppm	100
12) 1,4-Dichlorobenzene	7.11	146	1257754	50.29	ppm	99
13) 1,2-Dichlorobenzene	7.51	146	1079710	50.05	ppm	100
14) Benzyl alcohol	7.57	108	669884	49.93	ppm	97
15) bis(2-chloroisopropyl)ethe	7.89	45	3052452	50.96	ppm	80
16) 2-Methylphenol	7.95	107	826745m	50.46	ppm	
17) Hexachloroethane	8.15	117	445330	50.13	ppm	99
18) N-Nitroso-di-n-propylamine	8.24	70	920422	49.81	ppm	99
19) 4-Methylphenol	8.31	107	1132377	50.81	ppm	98
22) Nitrobenzene	8.45	77	1138916	49.24	ppm	99
23) Isophorone	9.02	82	2031428	46.68	ppm	99
24) 2-Nitrophenol	9.16	139	574558	50.08	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:38 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.47	122	821490	50.15	ppm		99
26) bis(2-Chloroethoxy)methane	9.62	93	1281825	48.71	ppm		100
27) 2,4-Dichlorophenol	9.77	162	742393	49.64	ppm		99
28) 1,2,4-Trichlorobenzene	9.86	180	775822	49.17	ppm		100
29) Benzoic Acid	10.04	122	434417	48.35	ppm	#	54
30) Naphthalene	9.98	128	2221343	49.45	ppm		100
31) 4-Chloroaniline	10.27	127	1001299	49.96	ppm		99
32) Hexachlorobutadiene	10.46	225	377779	47.25	ppm		99
33) 4-Chloro-3-methylphenol	11.57	107	642815	45.73	ppm	#	1
34) 2-Methylnaphthalene	11.59	141	1285678m	48.74	ppm		
35) 2,3-Dichloroaniline	12.39	161	758834	46.74	ppm		99
37) Hexachlorocyclopentadiene	12.14	237	245710	42.32	ppm		98
38) 2,4,6-Trichlorophenol	12.42	196	461189	50.24	ppm		99
39) 2,4,5-Trichlorophenol	12.53	196	491135	49.82	ppm		99
41) 2-Chloronaphthalene	12.71	162	1256816	48.55	ppm		98
42) 2-Nitroaniline	13.15	65	518698	49.11	ppm		98
43) 1,3-Dinitrobenzene	13.71	168	260533	47.78	ppm	#	53
44) Acenaphthylene	13.67	152	1853078	48.88	ppm		100
45) Dimethylphthalate	13.75	163	1428491	47.36	ppm		100
46) 2,6-Dinitrotoluene	13.86	165	388448	49.93	ppm		98
47) Acenaphthene	14.12	154	1165226	48.84	ppm		99
48) 3-Nitroaniline	14.16	138	351862	45.57	ppm		99
49) 2,4-Dinitrophenol	14.39	184	183914	39.74	ppm		96
50) Dibenzofuran	14.51	168	1661293	47.44	ppm		100
51) 2,4-Dinitrotoluene	14.74	165	468081	49.10	ppm		89
52) 4-Nitrophenol	14.82	109	95697	35.70	ppm	#	88
53) Fluorene	15.30	166	1317324	46.64	ppm		99
54) 4-Chlorophenyl-phenylether	15.40	204	662813	47.00	ppm		99
55) Diethylphthalate	15.42	149	1275426	45.58	ppm		99
56) Azobenzene	15.76	77	1759850	45.97	ppm		99
57) 4-Nitroaniline	15.63	138	282073	40.71	ppm		98
58) n-Octadecane	17.58	57	1380567	48.18	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.69	198	263558	49.90	ppm		97
61) n-Nitrosodiphenylamine	15.74	169	854971	51.21	ppm		99
63) 4-Bromophenyl-phenylether	16.52	248	361609	47.36	ppm		98
64) Hexachlorobenzene	16.78	284	412121	47.38	ppm		98
65) Pentachlorophenol	17.28	266	220812	45.04	ppm		99
66) Phenanthrene	17.52	178	1594269	49.46	ppm		100
67) Anthracene	17.63	178	1508395	46.90	ppm		99
68) Carbazole	18.12	167	1172607	42.63	ppm		99
69) Di-n-butylphthalate	19.12	149	2239209	48.53	ppm		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:38 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	19.90	202	1556444	44.97 ppm	97
72) Pyrene	20.25	202	1516771	57.33 ppm	98
73) 2,2'-Dichlorobenzil	20.48	139	1162684	61.25 ppm	99
75) Benzidine	20.23	184	267420	34.04 ppm	100
76) Butylbenzylphthalate	21.43	149	832439	57.52 ppm	100
77) 3,3'-Dichlorobenzidine	22.08	252	333837	45.97 ppm	98
78) Benzo[a]anthracene	22.03	228	1020383	48.21 ppm	99
79) Chrysene	22.10	228	899765	47.65 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.32	149	1080668	60.52 ppm	99
81) Di-n-octylphthalate	23.39	149	1423171	56.84 ppm	100
83) Benzo[b]fluoranthene	23.95	252	904306	57.57 ppm	99
84) Benzo[k]fluoranthene	24.02	252	835096	56.75 ppm	96
85) Benzo[a]pyrene	24.68	252	777602	59.08 ppm	98
86) Indeno[1,2,3-cd]pyrene	27.32	276	696084	56.59 ppm	96
87) Dibenz[a,h]anthracene	27.38	278	751750	60.00 ppm	97
88) Benzo[g,h,i]perylene	27.84	276	758156	60.10 ppm	96

(#) = qualifier out of range (m) = manual integration

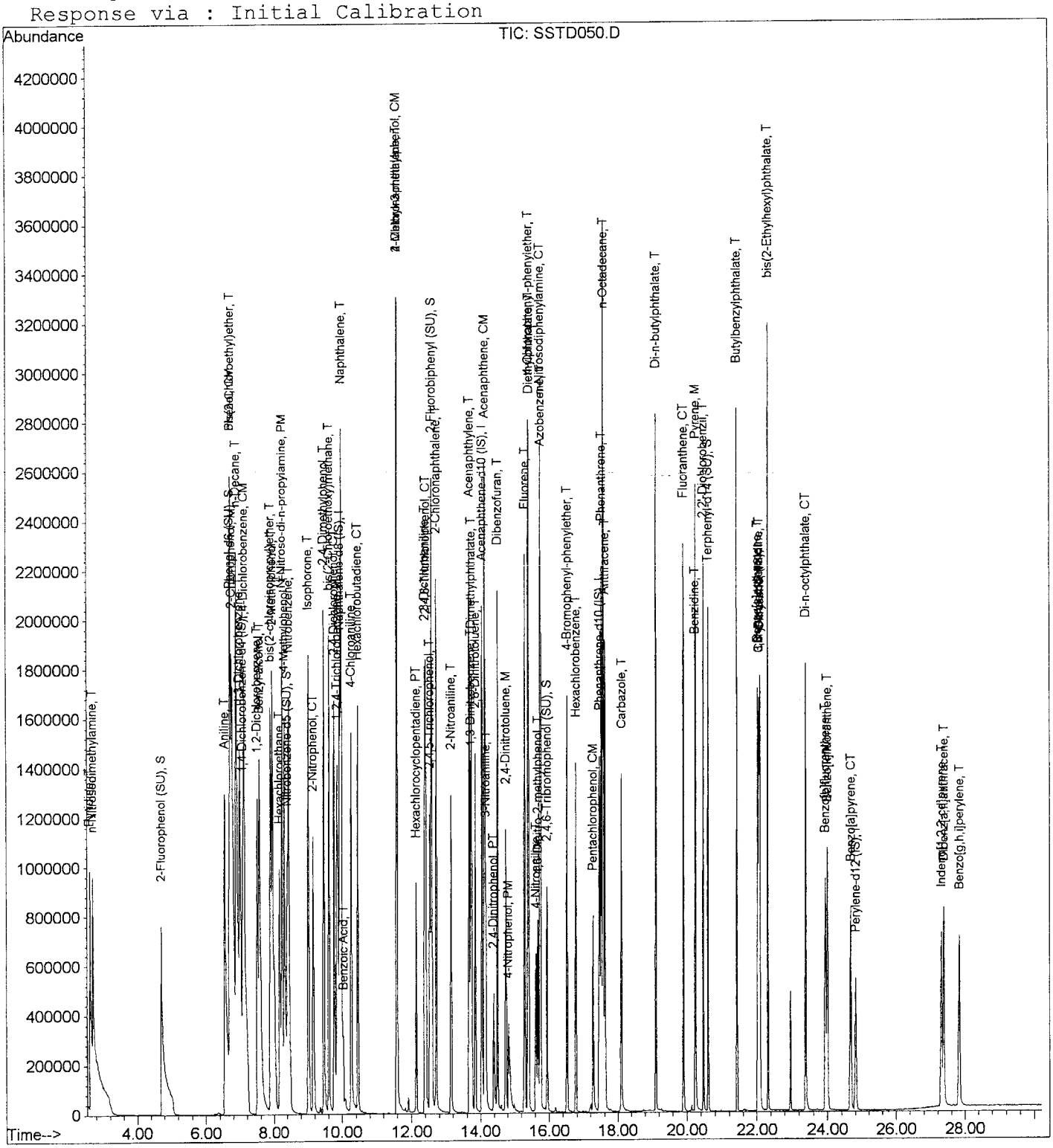
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:38 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration

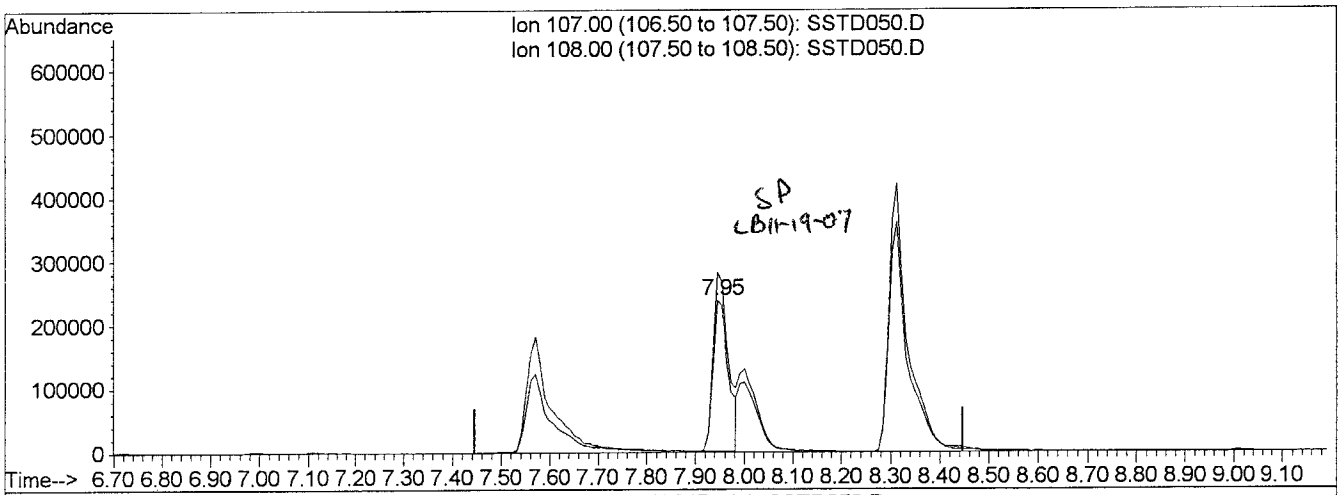


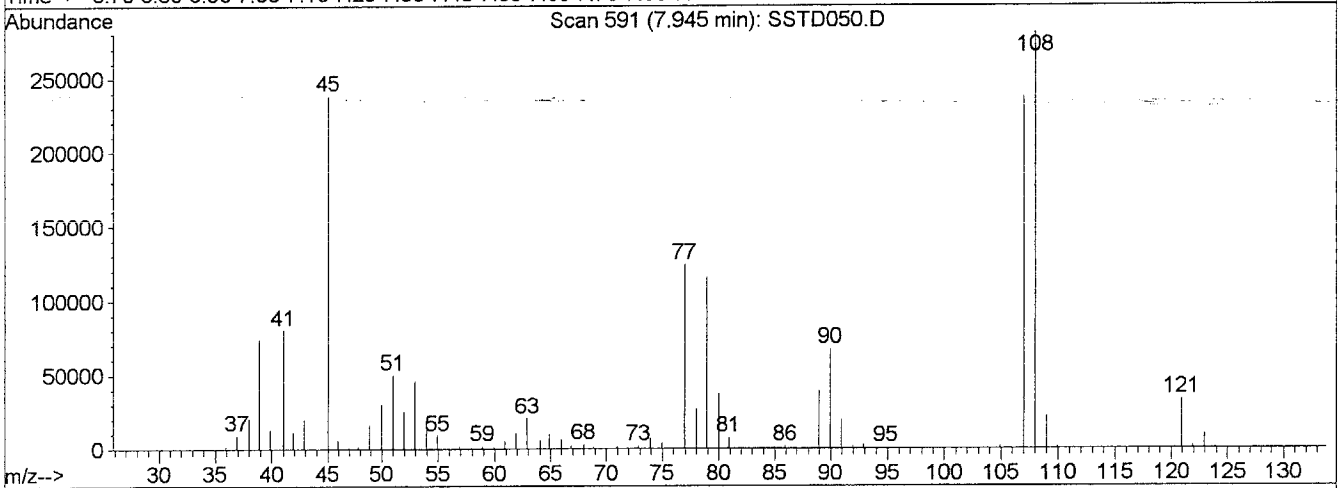
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.95min 31.44ppm

response 515045

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	118.07
0.00	0.00	0.00
0.00	0.00	0.00

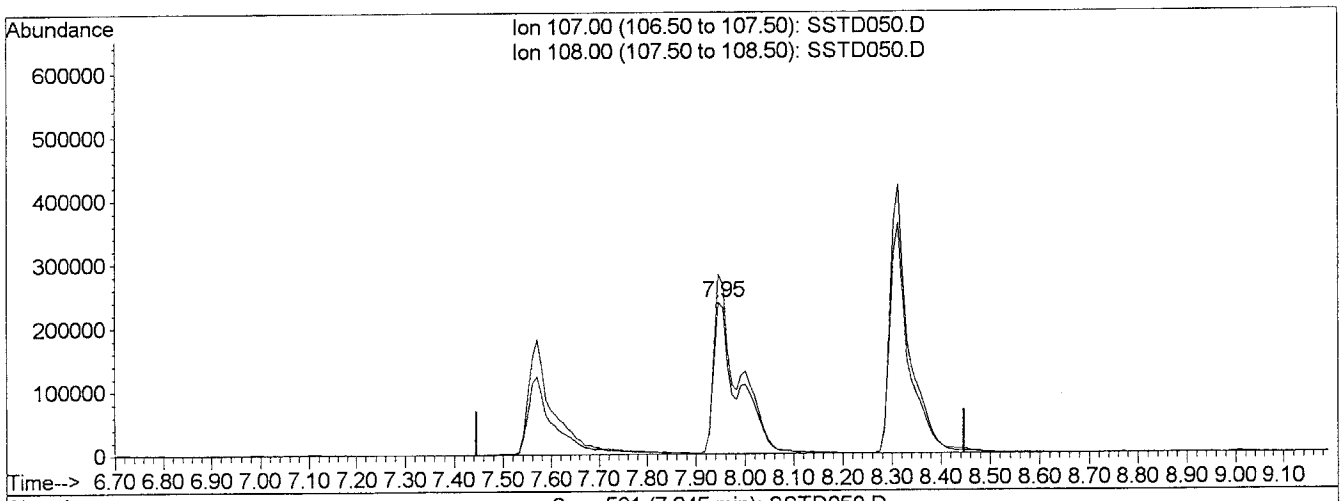
SSTD050.D H7K07SV.M Mon Nov 19 11:37:58 2007

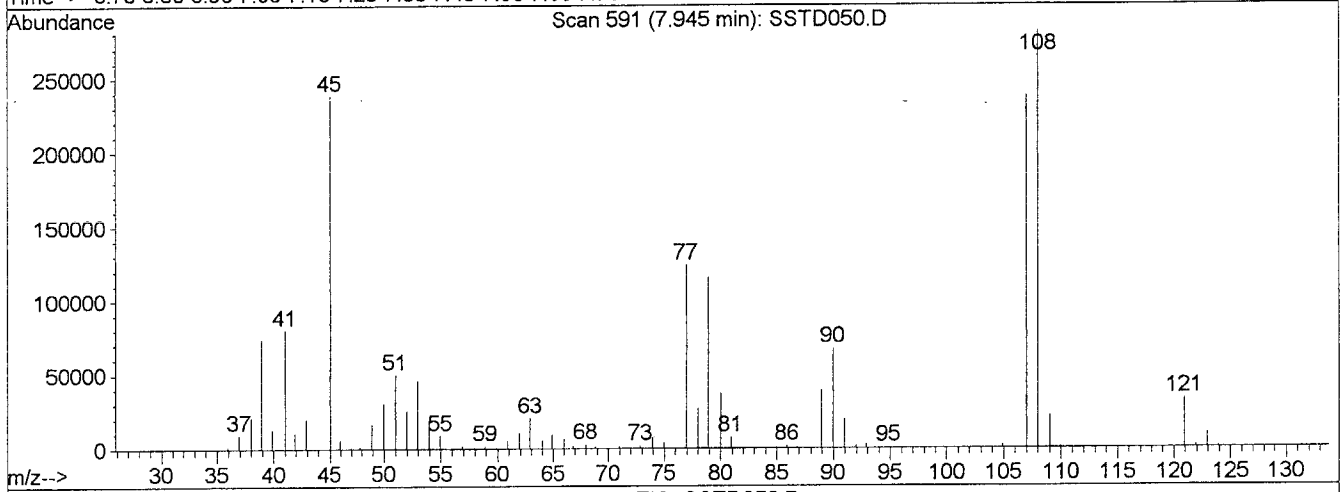
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTE.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.95min 50.46ppm m

response 826745

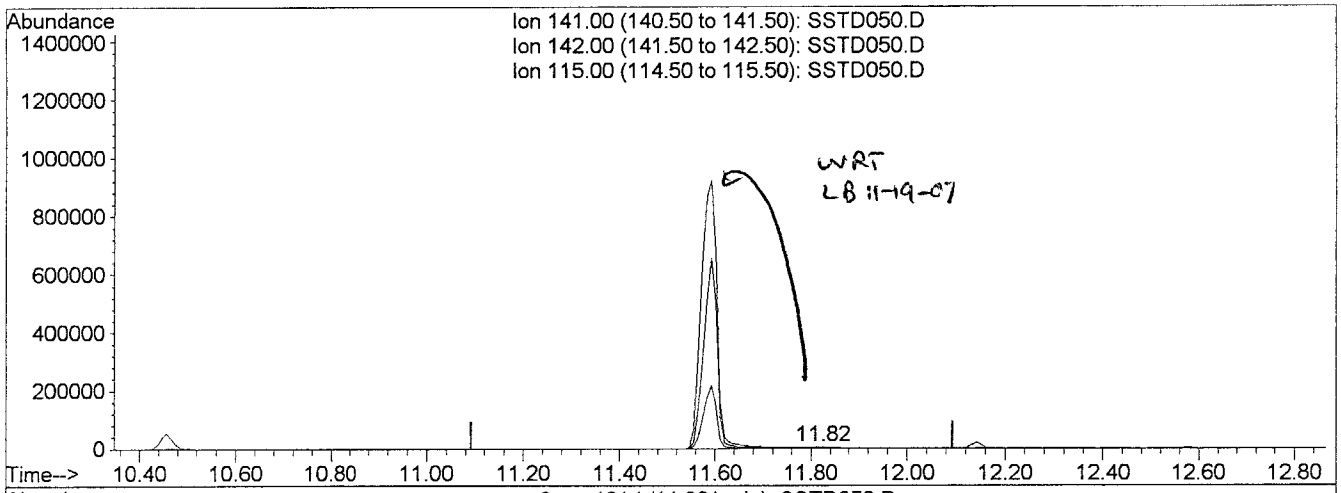
Ion	Exp%	Act%
107.00	100	100
108.00	117.20	73.55#
0.00	0.00	0.00
0.00	0.00	0.00

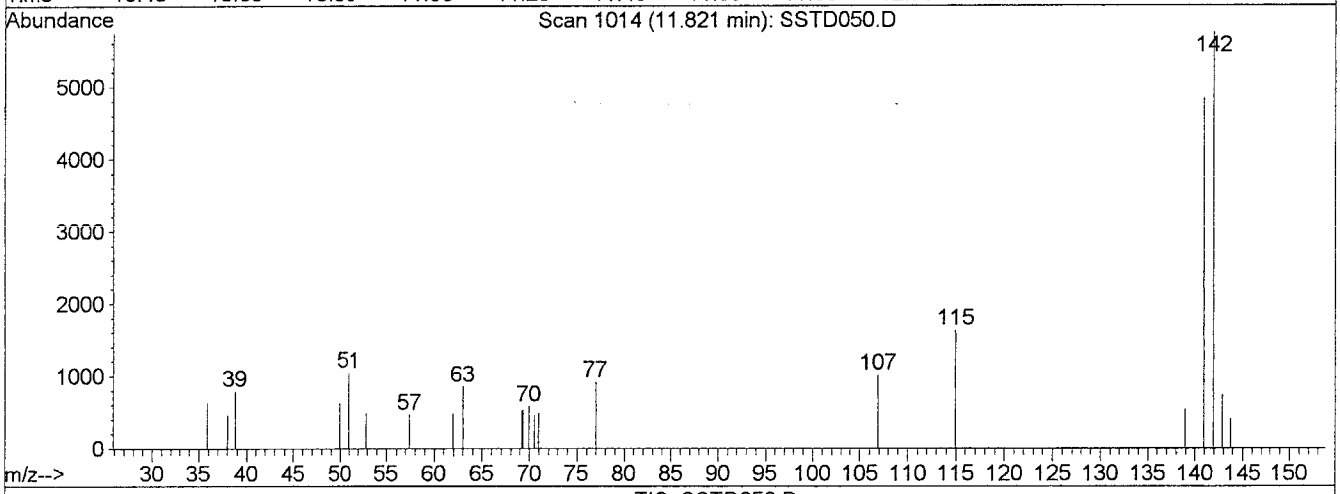
SSTD050.D H7K07SV.M Mon Nov 19 11:38:02 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 10:03 am Operator: AMI/DF
Sample : 50ppm MP STD# 7110295 Inst : GCMS8
Misc : 8270/625 Midpoint Multiplr: 1.00
MS Integration Params: RTE.P Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(34) 2-Methylnaphthalene (T)

11.82min 0.48ppm

response 12701

Ion	Exp%	Act%
141.00	100	100
142.00	121.70	104.76
115.00	33.80	27.05
0.00	0.00	0.00

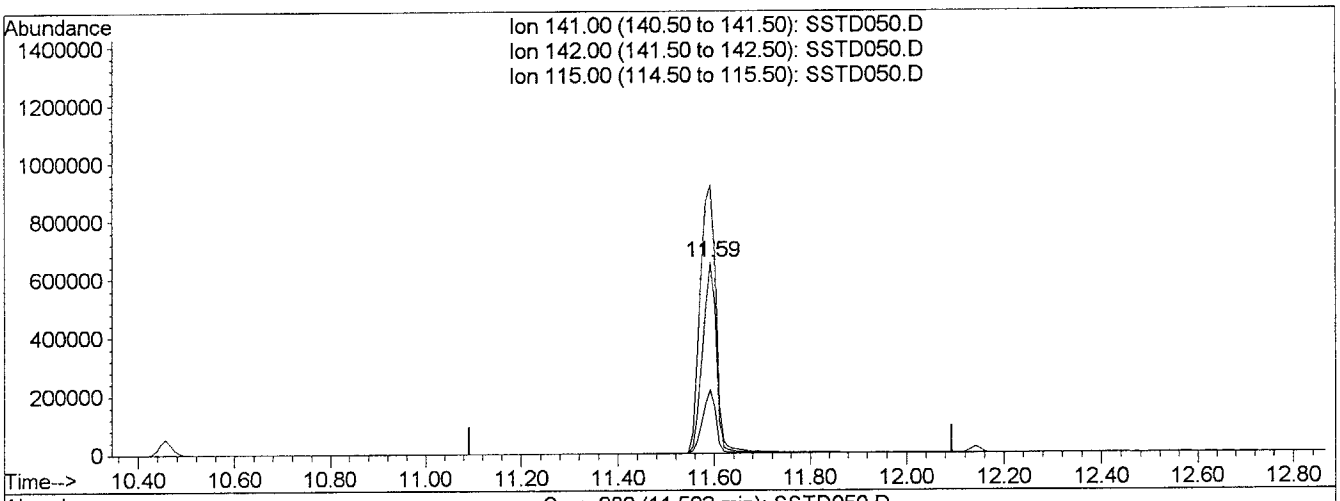
SSTD050.D H7K07SV.M Mon Nov 19 11:38:09 2007

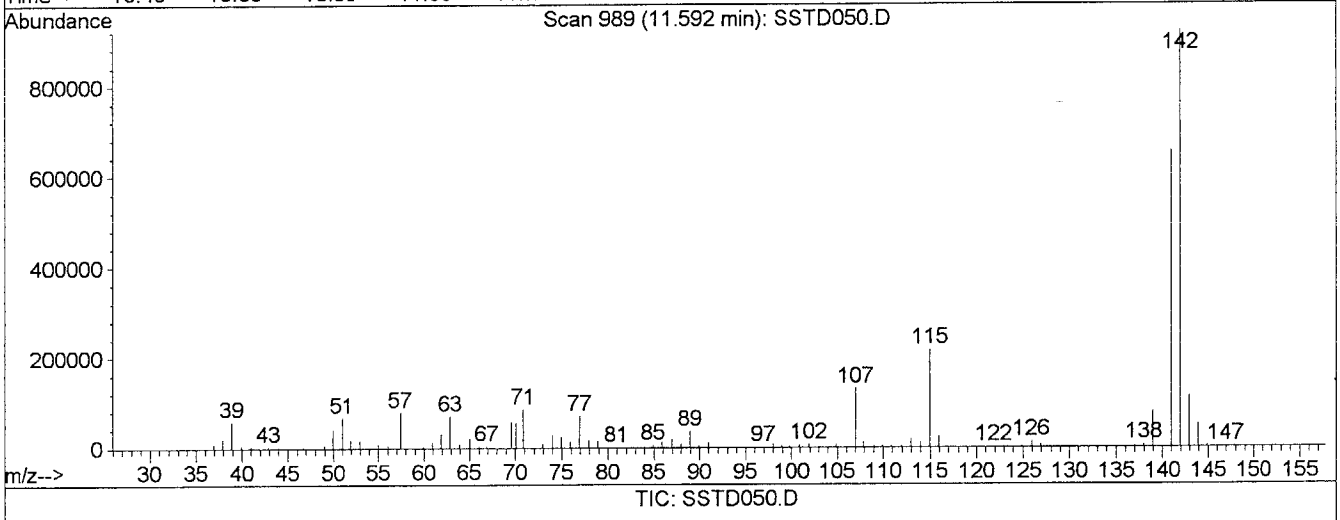
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTE.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(34) 2-Methylnaphthalene (T)

11.59min 48.74ppm m

response 1285678

Ion	Exp%	Act%
141.00	100	100
142.00	121.70	1.03#
115.00	33.80	0.27#
0.00	0.00	0.00

SSTD050.D H7K07SV.M Mon Nov 19 11:38:13 2007

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	131	0.00
2	S	2-Fluorophenol (SU)	1.531	1.556	-1.6	136	0.00
3	T	Pyridine	2.191	2.163	1.3	131	0.00
4	T	n-Nitrosodimethylamine	1.494	1.517	-1.5	136	0.00
5	T	bis(2-Chloroethyl)ether	1.903	1.842	3.2	139	0.00
6	T	Aniline	2.498	2.371	5.1	123	0.00
7	S	Phenol-d6 (SU)	1.985	1.940	2.3	130	0.00
8	CM	Phenol	2.104	2.025	3.8	128	0.00
9	M	2-Chlorophenol	1.429	1.428	0.1	133	0.00
10	T	n-Decane	2.630	2.667	-1.4	135	0.00
11	T	1,3-Dichlorobenzene	1.376	1.333	3.1	128	0.00
12	CM	1,4-Dichlorobenzene	1.692	1.702	-0.6	132	0.00
13	T	1,2-Dichlorobenzene	1.460	1.461	-0.1	132	0.00
14	T	Benzyl alcohol	0.908	0.907	0.1	131	0.00
15	T	bis(2-chloroisopropyl)ether	4.053	4.131	-1.9	138	0.00
16	T	2-Methylphenol	1.109	1.119	-0.9	135	0.00
17	T	Hexachloroethane	0.601	0.603	-0.3	131	0.00
18	PM	N-Nitroso-di-n-propylamine	1.250	1.246	0.3	133	0.00
19	T	4-Methylphenol	1.508	1.532	-1.6	135	0.00
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	130	0.00
21	S	Nitrobenzene-d5 (SU)	0.487	0.475	2.5	127	0.00
22	T	Nitrobenzene	0.505	0.497	1.6	130	0.00
23	T	Isophorone	0.949	0.886	6.6	125	0.00
24	CT	2-Nitrophenol	0.250	0.251	-0.4	126	0.00
25	T	2,4-Dimethylphenol	0.357	0.358	-0.3	131	0.00
26	T	bis(2-Chloroethoxy)methane	0.574	0.559	2.6	128	0.00
27	CT	2,4-Dichlorophenol	0.326	0.324	0.6	125	0.00
28	M	1,2,4-Trichlorobenzene	0.344	0.339	1.5	127	0.00
29	T	Benzoic Acid	0.162	0.190	-17.3	140	0.00
30	T	Naphthalene	0.980	0.969	1.1	129	0.00
31	T	4-Chloroaniline	0.437	0.437	0.0	127	0.00
32	CT	Hexachlorobutadiene	0.174	0.165	5.2	120	0.00
33	CM	4-Chloro-3-methylphenol	0.307	0.280	8.8	117	0.00
34	T	2-Methylnaphthalene	0.576	0.561	2.6	129	0.00
35	T	2,3-Dichloroaniline	0.354	0.331	6.5	122	0.00
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	125	0.00
37	PT	Hexachlorocyclopentadiene	0.240	0.220	8.3	107	0.00
38	CT	2,4,6-Trichlorophenol	0.410	0.412	-0.5	120	0.00
39	T	2,4,5-Trichlorophenol	0.440	0.439	0.2	117	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.364	1.317	3.4	123	0.00
41	T	2-Chloronaphthalene	1.156	1.123	2.9	122	0.00
42	T	2-Nitroaniline	0.472	0.463	1.9	119	0.00
43	T	1,3-Dinitrobenzene	0.235	0.233	0.9	120	0.00
44	T	Acenaphthylene	1.694	1.656	2.2	122	0.00
45	T	Dimethylphthalate	1.347	1.276	5.3	119	0.00
46	T	2,6-Dinitrotoluene	0.348	0.347	0.3	121	0.00
47	CM	Acenaphthene	1.066	1.041	2.3	125	0.00
48	T	3-Nitroaniline	0.345	0.314	9.0	113	0.00
49	PT	2,4-Dinitrophenol	0.182	0.164	9.9	99	0.00
50	T	Dibenzofuran	1.564	1.484	5.1	118	0.00
51	M	2,4-Dinitrotoluene	0.426	0.418	1.9	116	0.00
52	PM	4-Nitrophenol	0.115	0.085	26.1	91	0.00
53	T	Fluorene	1.262	1.177	6.7	116	0.00
54	T	4-Chlorophenyl-phenylether	0.630	0.592	6.0	118	0.00
55	T	Diethylphthalate	1.250	1.140	8.8	118	0.00
56	T	Azobenzene	1.710	1.572	8.1	117	0.00
57	T	4-Nitroaniline	0.309	0.252	18.4	98	0.00
58	T	n-Octadecane	1.280	1.233	3.7	122	0.00
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	113	0.00
60	T	4,6-Dinitro-2-methylphenol	0.183	0.182	0.5	103	0.00
61	CT	n-Nitrosodiphenylamine	0.578	0.592	-2.4	117	0.00
62	S	2,4,6-Tribromophenol (SU)	0.143	0.137	4.2	104	0.00
63	T	4-Bromophenyl-phenylether	0.264	0.250	5.3	108	0.00
64	T	Hexachlorobenzene	0.301	0.285	5.3	110	0.00
65	CM	Pentachlorophenol	0.170	0.153	10.0	96	0.00
66	T	Phenanthrene	1.115	1.103	1.1	114	0.00
67	T	Anthracene	1.113	1.044	6.2	110	0.00
68	T	Carbazole	0.952	0.811	14.8	103	0.00
69	T	Di-n-butylphthalate	1.597	1.550	2.9	110	0.00
70	CT	Fluoranthene	1.197	1.077	10.0	103	0.00
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	87	0.00
72	M	Pyrene	1.604	1.839	-14.7	101	0.00
73	T	2,2'-Dichlorobenzil	1.151	1.410	-22.5	103	0.00
74	S	Terphenyl-d14 (SU)	1.034	1.122	-8.5	93	0.00
75	T	Benzidine	0.476	0.324	31.9#	56	0.00
76	T	Butylbenzylphthalate	0.877	1.009	-15.1	98	0.00
77	T	3,3'-Dichlorobenzidine	0.440	0.405	8.0	77	0.00
78	T	Benzo[a]anthracene	1.283	1.237	3.6	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.145	1.091	4.7	85	0.00
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.310	-21.1	104	0.00
81	CT	Di-n-octylphthalate	1.518	1.726	-13.7#	95	0.00
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	62	0.00
83	T	Benzo[b]fluoranthene	1.387	1.597	-15.1	74	0.00
84	T	Benzo[k]fluoranthene	1.300	1.475	-13.5	76	0.00
85	CT	Benzo[a]pyrene	1.162	1.373	-18.2	73	0.00
86	T	Indeno[1,2,3-cd]pyrene	1.086	1.229	-13.2	66	0.00
87	T	Dibenz[a,h]anthracene	1.106	1.328	-20.1	67	0.00
88	T	Benzo[g,h,i]perylene	1.114	1.339	-20.2	68	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:37 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.07	152	591143	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	9.93	136	1833443	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.05	164	895422	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.47	188	1156011	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.06	240	659805	40.00	ppm	0.00
82) Perylene-d12 (IS)	24.82	264	452924	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.70	112	1149688	50.81	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.81%			
7) Phenol-d6 (SU)	6.69	99	1433550	48.88	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.88%			
21) Nitrobenzene-d5 (SU)	8.40	82	1089273	48.82	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.64%			
40) 2-Fluorobiphenyl (SU)	12.58	172	1473892	48.29	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 96.58%			
62) 2,4,6-Tribromophenol (SU)	15.95	330	197511	47.67	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 47.67%			
74) Terphenyl-d14 (SU)	20.62	244	925718	54.27	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 108.54%			
Target Compounds						Qvalue
3) Pyridine	2.62	79	1597983	49.35	ppm	# 1
4) n-Nitrosodimethylamine	2.70	74	1121146	50.78	ppm	90
5) bis(2-Chloroethyl)ether	6.72	93	1360839	48.39	ppm	93
6) Aniline	6.54	93	1752183	47.46	ppm	89
8) Phenol	6.71	94	1496446	48.13	ppm	87
9) 2-Chlorophenol	6.76	128	1055128	49.96	ppm	98
10) n-Decane	6.88	57	1970456	50.70	ppm	100
11) 1,3-Dichlorobenzene	6.99	146	985170	48.45	ppm	100
12) 1,4-Dichlorobenzene	7.11	146	1257754	50.29	ppm	99
13) 1,2-Dichlorobenzene	7.51	146	1079710	50.05	ppm	100
14) Benzyl alcohol	7.57	108	669884	49.93	ppm	97
15) bis(2-chloroisopropyl)ethe	7.89	45	3052452	50.96	ppm	80
16) 2-Methylphenol	7.95	107	515045	31.44	ppm	99
17) Hexachloroethane	8.15	117	445330	50.13	ppm	99
18) N-Nitroso-di-n-propylamine	8.24	70	920422	49.81	ppm	99
19) 4-Methylphenol	8.31	107	1132377	50.81	ppm	98
22) Nitrobenzene	8.45	77	1138916	49.24	ppm	99
23) Isophorone	9.02	82	2031428	46.68	ppm	99
24) 2-Nitrophenol	9.16	139	574558	50.08	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:37 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.47	122	821490	50.15	ppm		99
26) bis(2-Chloroethoxy)methane	9.62	93	1281825	48.71	ppm		100
27) 2,4-Dichlorophenol	9.77	162	742393	49.64	ppm		99
28) 1,2,4-Trichlorobenzene	9.86	180	775822	49.17	ppm		100
29) Benzoic Acid	10.04	122	434417	48.35	ppm	#	54
30) Naphthalene	9.98	128	2221343	49.45	ppm		100
31) 4-Chloroaniline	10.27	127	1001299	49.96	ppm		99
32) Hexachlorobutadiene	10.46	225	377779	47.25	ppm		99
33) 4-Chloro-3-methylphenol	11.57	107	642815	45.73	ppm	#	1
35) 2,3-Dichloroaniline	12.39	161	758834	46.74	ppm		99
37) Hexachlorocyclopentadiene	12.14	237	245710	42.32	ppm		98
38) 2,4,6-Trichlorophenol	12.42	196	461189	50.24	ppm		99
39) 2,4,5-Trichlorophenol	12.53	196	491135	49.82	ppm		99
41) 2-Chloronaphthalene	12.71	162	1256816	48.55	ppm		98
42) 2-Nitroaniline	13.15	65	518698	49.11	ppm		98
43) 1,3-Dinitrobenzene	13.71	168	260533	47.78	ppm	#	53
44) Acenaphthylene	13.67	152	1853078	48.88	ppm		100
45) Dimethylphthalate	13.75	163	1428491	47.36	ppm		100
46) 2,6-Dinitrotoluene	13.86	165	388448	49.93	ppm		98
47) Acenaphthene	14.12	154	1165226	48.84	ppm		99
48) 3-Nitroaniline	14.16	138	351862	45.57	ppm		99
49) 2,4-Dinitrophenol	14.39	184	183914	39.74	ppm		96
50) Dibenzofuran	14.51	168	1661293	47.44	ppm		100
51) 2,4-Dinitrotoluene	14.74	165	468081	49.10	ppm		89
52) 4-Nitrophenol	14.82	109	95697	35.70	ppm	#	88
53) Fluorene	15.30	166	1317324	46.64	ppm		99
54) 4-Chlorophenyl-phenylether	15.40	204	662813	47.00	ppm		99
55) Diethylphthalate	15.42	149	1275426	45.58	ppm		99
56) Azobenzene	15.76	77	1759850	45.97	ppm		99
57) 4-Nitroaniline	15.63	138	282073	40.71	ppm		98
58) n-Octadecane	17.58	57	1380567	48.18	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.69	198	263558	49.90	ppm		97
61) n-Nitrosodiphenylamine	15.74	169	854971	51.21	ppm		99
63) 4-Bromophenyl-phenylether	16.52	248	361609	47.36	ppm		98
64) Hexachlorobenzene	16.78	284	412121	47.38	ppm		98
65) Pentachlorophenol	17.28	266	220812	45.04	ppm		99
66) Phenanthrene	17.52	178	1594269	49.46	ppm		100
67) Anthracene	17.63	178	1508395	46.90	ppm		99
68) Carbazole	18.12	167	1172607	42.63	ppm		99
69) Di-n-butylphthalate	19.12	149	2239209	48.53	ppm		100
70) Fluoranthene	19.90	202	1556444	44.97	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 10:03 am Operator: AMI/DF
Sample : 50ppm MP STD# 7110295 Inst : GCMS8
Misc : 8270/625 Midpoint Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:37 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

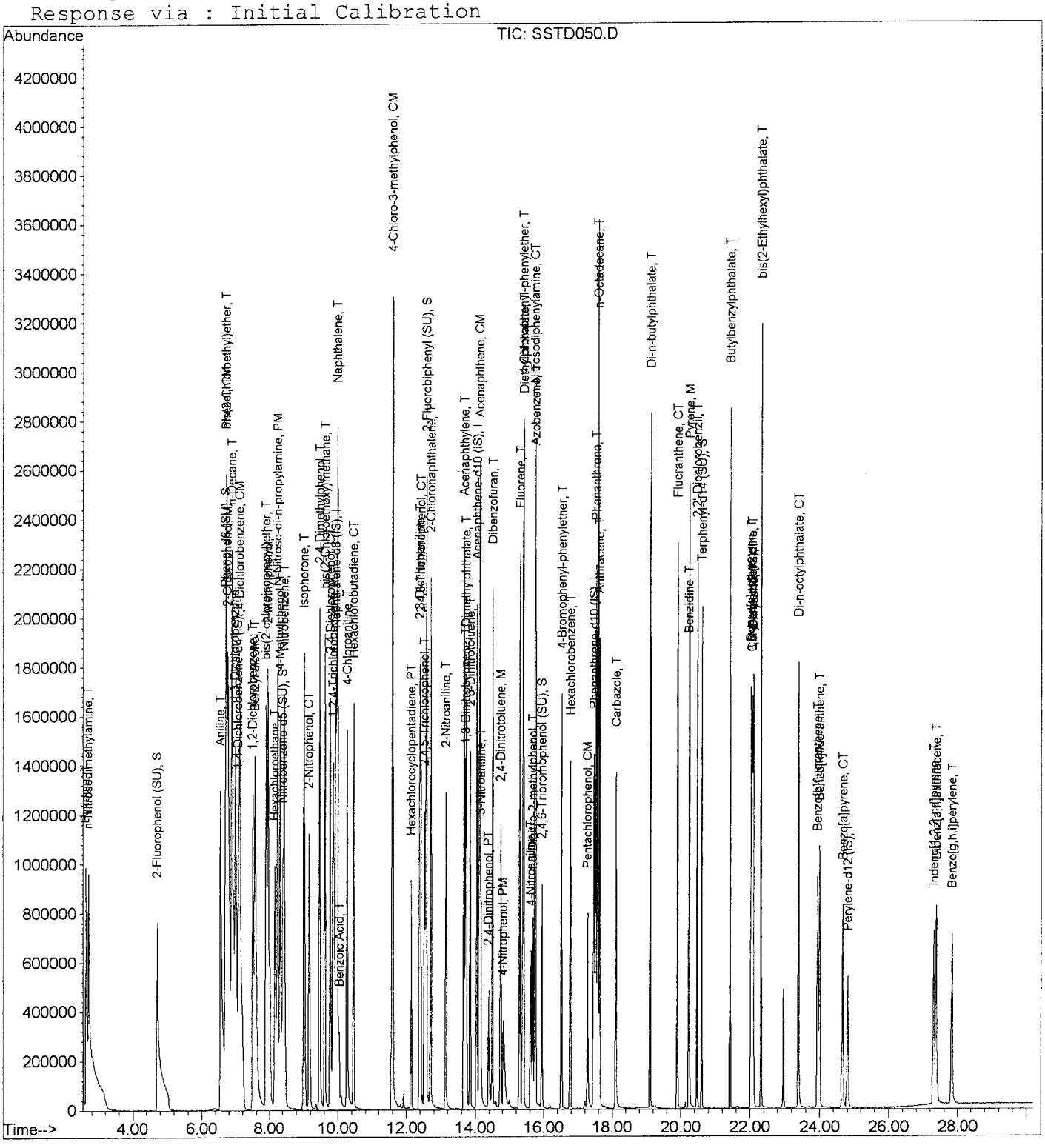
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	20.25	202	1516771	57.33	ppm	98
73) 2,2'-Dichlorobenzil	20.48	139	1162684	61.25	ppm	99
75) Benzidine	20.23	184	267420	34.04	ppm	100
76) Butylbenzylphthalate	21.43	149	832439	57.52	ppm	100
77) 3,3'-Dichlorobenzidine	22.08	252	333837	45.97	ppm	98
78) Benzo[a]anthracene	22.03	228	1020383	48.21	ppm	99
79) Chrysene	22.10	228	899765	47.65	ppm	99
80) bis(2-Ethylhexyl)phthalate	22.32	149	1080668	60.52	ppm	99
81) Di-n-octylphthalate	23.39	149	1423171	56.84	ppm	100
83) Benzo[b]fluoranthene	23.95	252	904306	57.57	ppm	99
84) Benzo[k]fluoranthene	24.02	252	835096	56.75	ppm	96
85) Benzo[a]pyrene	24.68	252	777602	59.08	ppm	98
86) Indeno[1,2,3-cd]pyrene	27.32	276	696084	56.59	ppm	96
87) Dibenz[a,h]anthracene	27.38	278	751750	60.00	ppm	97
88) Benzo[g,h,i]perylene	27.84	276	758156	60.10	ppm	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 10:03 am Operator: AMI/DF
Sample : 50ppm MP STD# 7110295 Inst : GCMS8
Misc : 8270/625 Midpoint Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:37 19107 Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration

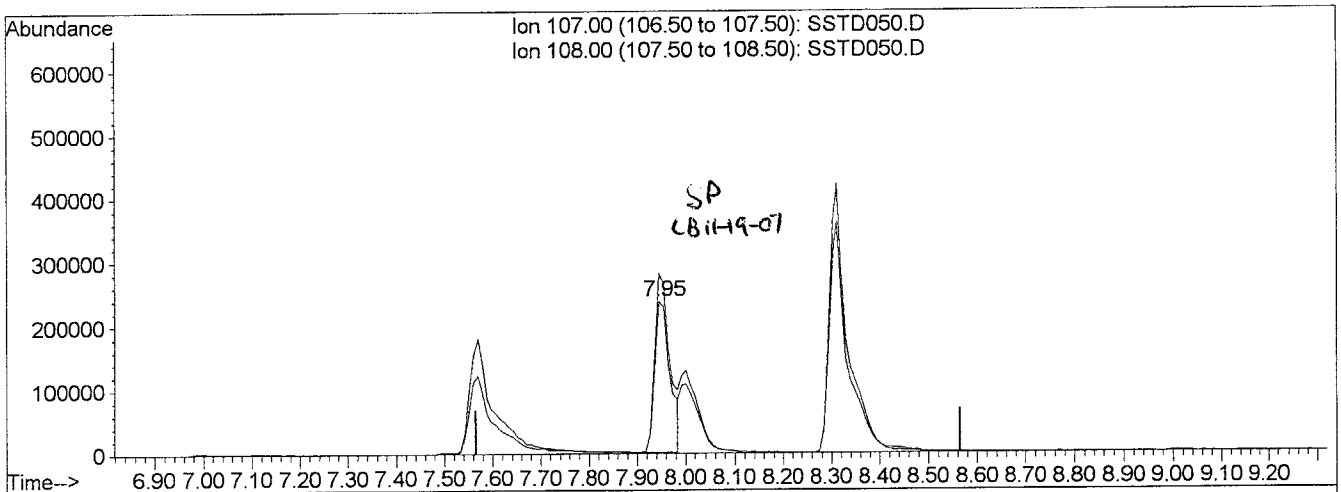


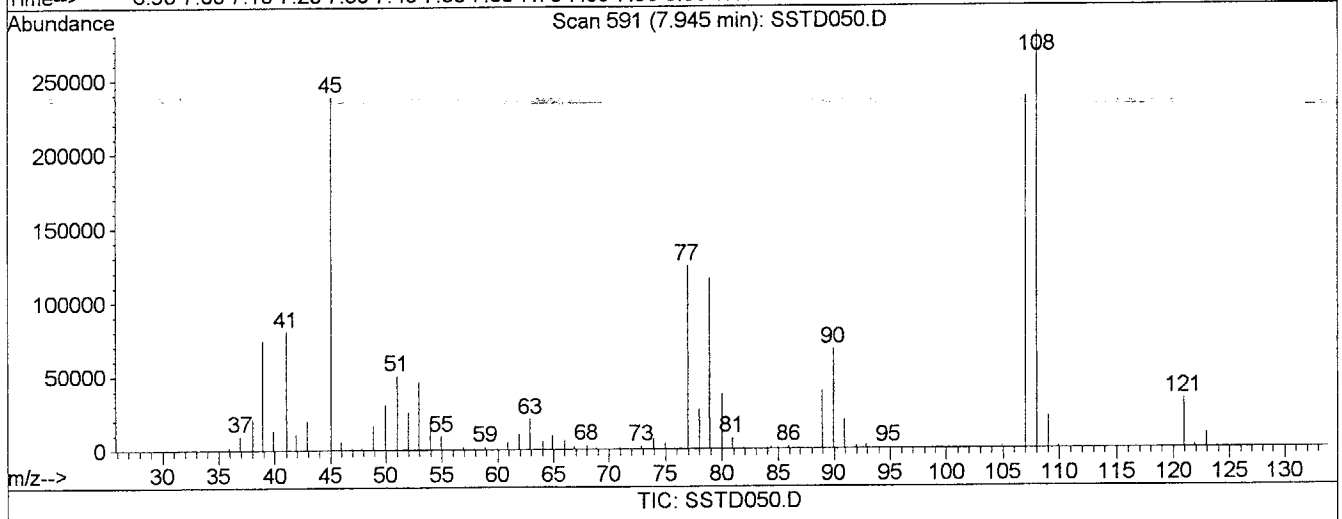
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
Integration Params: RTE INT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.95min 31.44ppm

response 515045

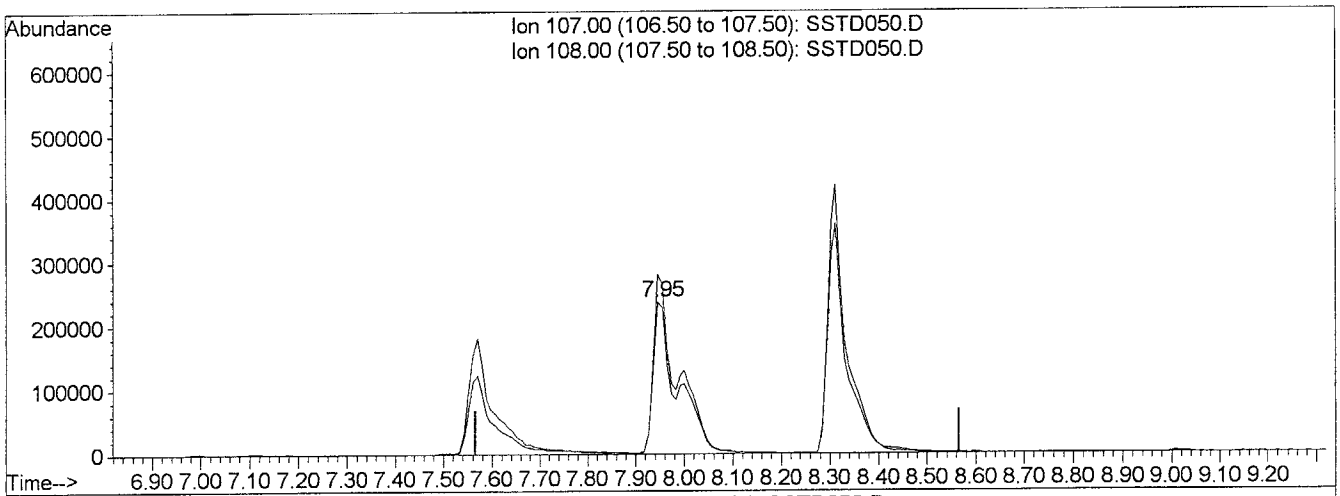
Ion	Exp%	Act%
107.00	100	100
108.00	117.20	118.07
0.00	0.00	0.00
0.00	0.00	0.00

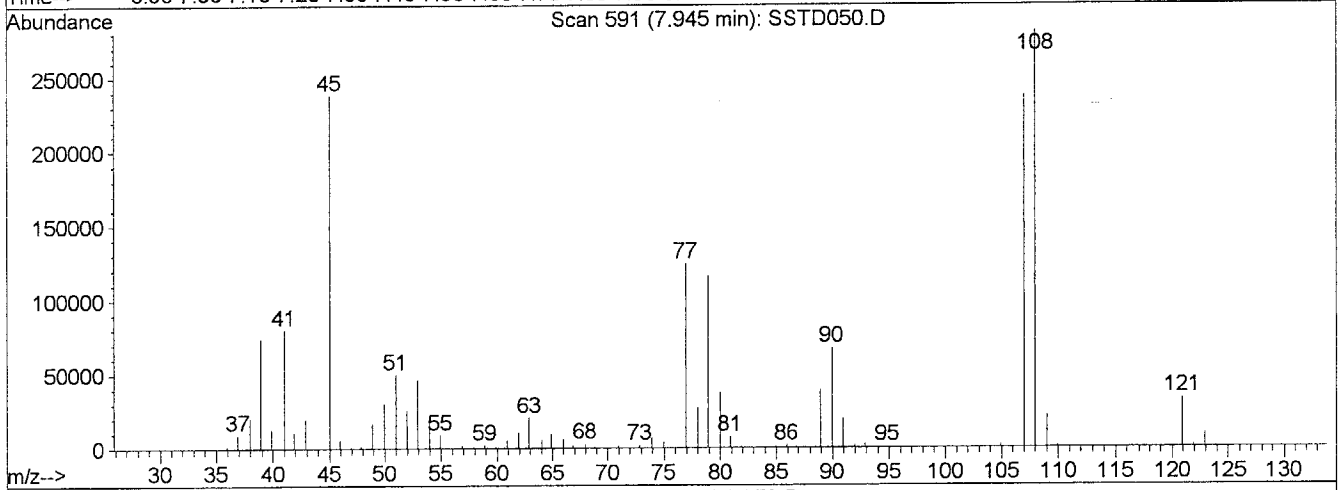
SSTD050.D H7K07SV.M Mon Nov 19 11:32:48 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
Quant Time: Nov 19 11:32 2007 Quant Method: H7K07SV.M
Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.95min 50.58ppm m

response 828686

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	73.38#
0.00	0.00	0.00
0.00	0.00	0.00

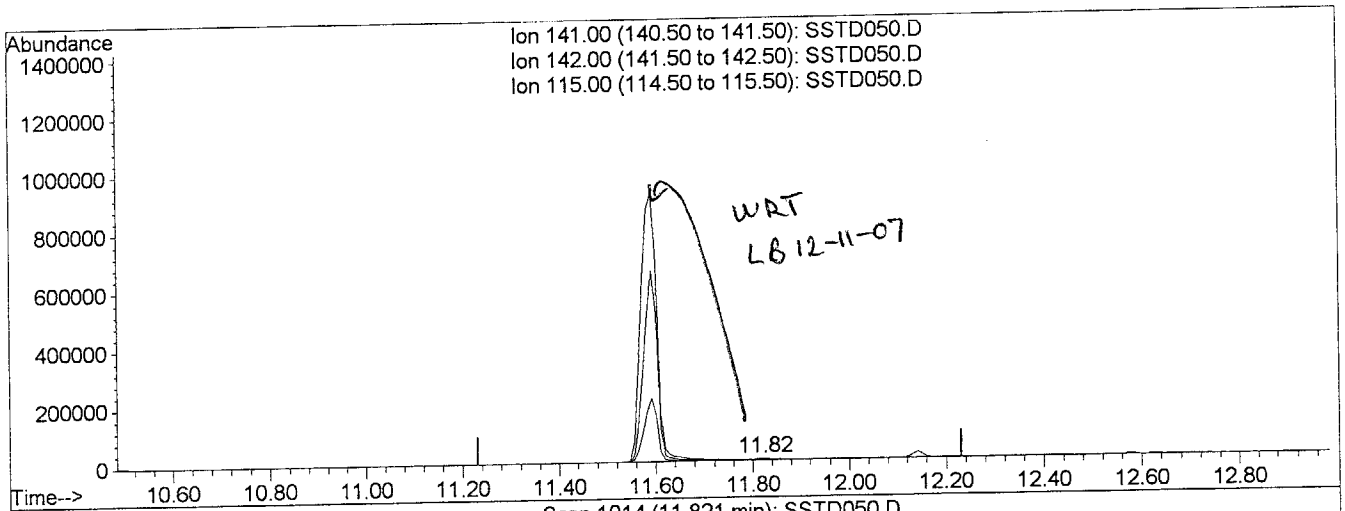
SSTD050.D H7K07SV.M Mon Nov 19 11:32:52 2007

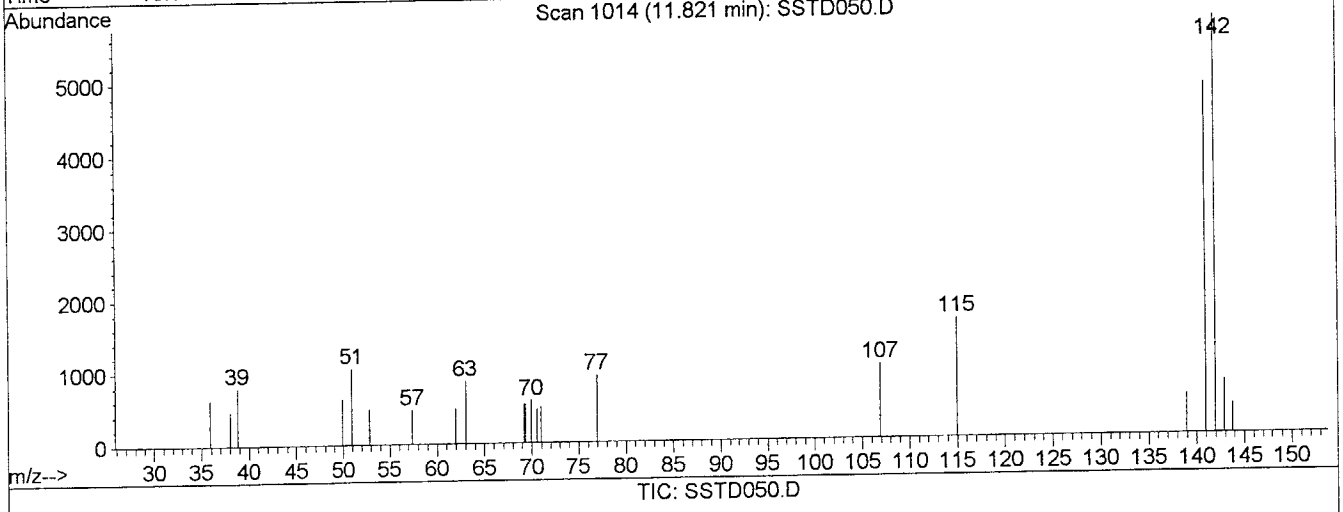
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





(34) 2-Methylnaphthalene (T)

11.82min 0.48ppm

response 12701

Ion	Exp%	Act%
141.00	100	100
142.00	121.70	104.76
115.00	33.80	27.05
0.00	0.00	0.00

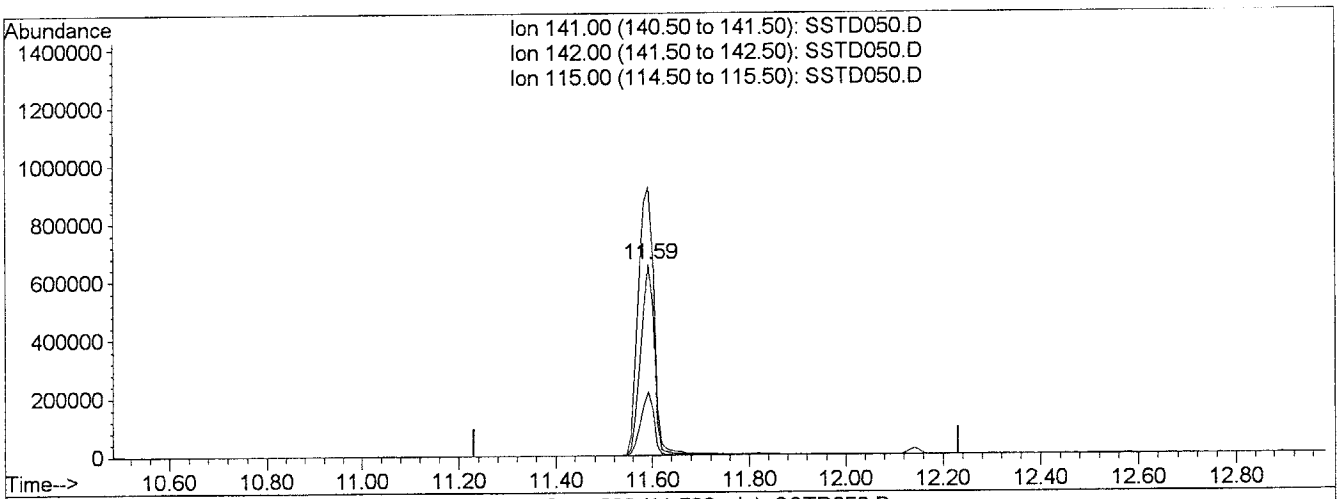
SSTD050.D H7K07SV.M Mon Nov 19 11:33:08 2007

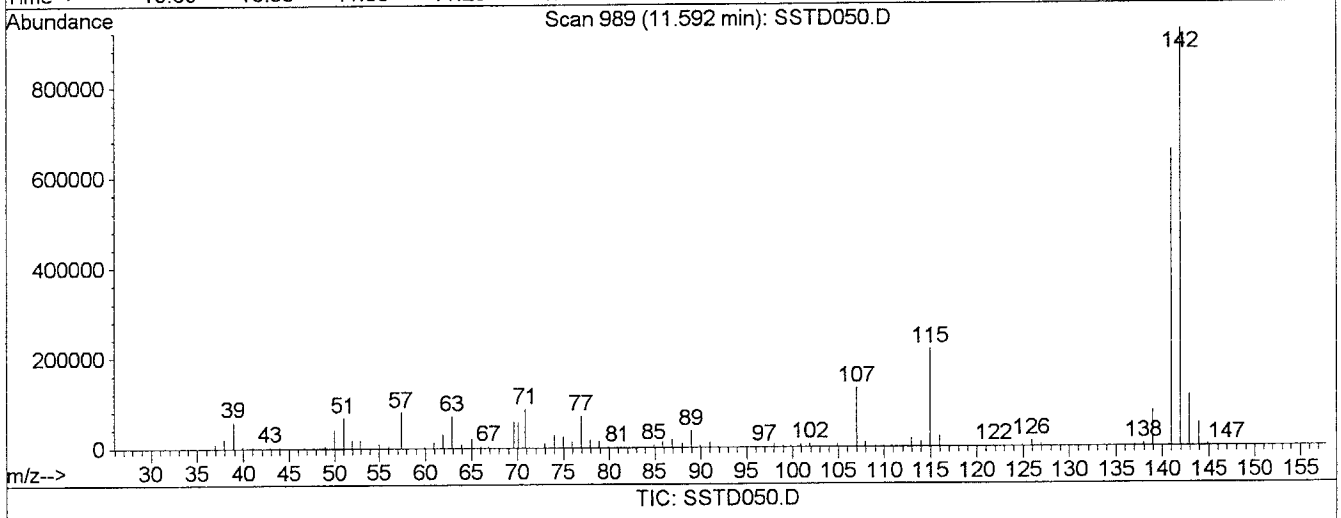
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Multiple Level Calibration





TIC: SSTD050.D

(34) 2-Methylnaphthalene (T)

11.59min 48.23ppm m

response 1272341

Ion	Exp%	Act%
141.00	100	100
142.00	121.70	1.05#
115.00	33.80	0.27#
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:32 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.07	152	591143	40.00	ppm	-0.15
20) Naphthalene-d8 (IS)	9.93	136	1833443	40.00	ppm	-0.14
36) Acenaphthene-d10 (IS)	14.05	164	895422	40.00	ppm	-0.14
59) Phenanthrene-d10 (IS)	17.47	188	1156011	40.00	ppm	-0.14
71) Chrysene-d12 (IS)	22.06	240	659805	40.00	ppm	-0.10
82) Perylene-d12 (IS)	24.82	264	452924	40.00	ppm	-0.18
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.70	112	1150868	50.86	ppm	-0.15
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.86%			
7) Phenol-d6 (SU)	6.69	99	1433550	48.88	ppm	-0.13
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.88%			
21) Nitrobenzene-d5 (SU)	8.40	82	1089273	48.82	ppm	-0.14
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.64%			
40) 2-Fluorobiphenyl (SU)	12.58	172	1473892	48.29	ppm	-0.14
Spiked Amount 50.000	Range 40 - 120		Recovery = 96.58%			
62) 2,4,6-Tribromophenol (SU)	15.95	330	197511	47.67	ppm	-0.13
Spiked Amount 100.000	Range 45 - 130		Recovery = 47.67%			
74) Terphenyl-d14 (SU)	20.62	244	925718	54.27	ppm	-0.09
Spiked Amount 50.000	Range 40 - 140		Recovery = 108.54%			
Target Compounds						Qvalue
3) Pyridine	2.62	79	1603297	49.51	ppm	# 1
4) n-Nitrosodimethylamine	2.70	74	1121146	50.78	ppm	90
5) bis(2-Chloroethyl)ether	6.72	93	1360839	48.39	ppm	93
6) Aniline	6.54	93	1752183	47.46	ppm	89
8) Phenol	6.71	94	1496446	48.13	ppm	87
9) 2-Chlorophenol	6.76	128	1055128	49.96	ppm	98
10) n-Decane	6.88	57	1970456	50.70	ppm	100
11) 1,3-Dichlorobenzene	6.99	146	985170	48.45	ppm	100
12) 1,4-Dichlorobenzene	7.11	146	1257754	50.29	ppm	99
13) 1,2-Dichlorobenzene	7.51	146	1079710	50.05	ppm	100
14) Benzyl alcohol	7.57	108	669884	49.93	ppm	97
15) bis(2-chloroisopropyl)ethe	7.89	45	3052452	50.96	ppm	80
16) 2-Methylphenol	7.95	107	515045	31.44	ppm	99
17) Hexachloroethane	8.15	117	445330	50.13	ppm	99
18) N-Nitroso-di-n-propylamine	8.24	70	920422	49.81	ppm	99
19) 4-Methylphenol	8.31	107	1132377	50.81	ppm	98
22) Nitrobenzene	8.45	77	1140303	49.30	ppm	99
23) Isophorone	9.02	82	2031428	46.68	ppm	99
24) 2-Nitrophenol	9.16	139	574558	50.08	ppm	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 10:03 am Operator: AMI/DF
Sample : 50ppm MP STD# 7110295 Inst : GCMS8
Misc : 8270/625 Midpoint Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:32 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25)	2,4-Dimethylphenol	9.47	122	821490	50.15	ppm		99
26)	bis(2-Chloroethoxy)methane	9.62	93	1281825	48.71	ppm		100
27)	2,4-Dichlorophenol	9.77	162	742393	49.64	ppm		99
28)	1,2,4-Trichlorobenzene	9.86	180	775822	49.17	ppm		100
29)	Benzoic Acid	10.04	122	434417	48.35	ppm	#	54
30)	Naphthalene	9.98	128	2221343	49.45	ppm		100
31)	4-Chloroaniline	10.27	127	1001299	49.96	ppm		99
32)	Hexachlorobutadiene	10.46	225	377779	47.25	ppm		99
33)	4-Chloro-3-methylphenol	11.57	107	642815	45.73	ppm	#	1
35)	2,3-Dichloroaniline	12.39	161	758834	46.74	ppm		99
37)	Hexachlorocyclopentadiene	12.14	237	245710	42.32	ppm		98
38)	2,4,6-Trichlorophenol	12.42	196	461189	50.24	ppm		99
39)	2,4,5-Trichlorophenol	12.53	196	491135	49.82	ppm		99
41)	2-Chloronaphthalene	12.71	162	1256816	48.55	ppm		98
42)	2-Nitroaniline	13.15	65	518698	49.11	ppm		98
43)	1,3-Dinitrobenzene	13.71	168	260533	47.78	ppm	#	52
44)	Acenaphthylene	13.67	152	1853078	48.88	ppm		100
45)	Dimethylphthalate	13.75	163	1428491	47.36	ppm		100
46)	2,6-Dinitrotoluene	13.86	165	388448	49.93	ppm		98
47)	Acenaphthene	14.12	154	1165226	48.84	ppm		99
48)	3-Nitroaniline	14.16	138	351862	45.57	ppm		99
49)	2,4-Dinitrophenol	14.39	184	183914	39.74	ppm		96
50)	Dibenzofuran	14.51	168	1661293	47.44	ppm		100
51)	2,4-Dinitrotoluene	14.74	165	468081	49.10	ppm		89
52)	4-Nitrophenol	14.82	109	95697	35.70	ppm	#	88
53)	Fluorene	15.30	166	1317324	46.64	ppm		99
54)	4-Chlorophenyl-phenylether	15.40	204	662813	47.00	ppm		99
55)	Diethylphthalate	15.42	149	1275426	45.58	ppm		99
56)	Azobenzene	15.76	77	1759850	45.97	ppm		99
57)	4-Nitroaniline	15.63	138	282073	40.71	ppm		98
58)	n-Octadecane	17.58	57	1380567	48.18	ppm		100
60)	4,6-Dinitro-2-methylphenol	15.69	198	263558	49.90	ppm		97
61)	n-Nitrosodiphenylamine	15.74	169	854971	51.21	ppm		99
63)	4-Bromophenyl-phenylether	16.52	248	361609	47.36	ppm		98
64)	Hexachlorobenzene	16.78	284	412121	47.38	ppm		98
65)	Pentachlorophenol	17.28	266	220812	45.04	ppm		99
66)	Phenanthrene	17.52	178	1594269	49.46	ppm		100
67)	Anthracene	17.63	178	1508395	46.90	ppm		99
68)	Carbazole	18.12	167	1172607	42.63	ppm		99
69)	Di-n-butylphthalate	19.12	149	2239209	48.53	ppm		100
70)	Fluoranthene	19.90	202	1556444	44.97	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 10:03 am Operator: AMI/DF
Sample : 50ppm MP STD# 7110295 Inst : GCMS8
Misc : 8270/625 Midpoint Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:32 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	20.25	202	1516771	57.33	ppm	98
73)	2,2'-Dichlorobenzil	20.48	139	1162684	61.25	ppm	99
75)	Benzidine	20.23	184	267420	34.04	ppm	100
76)	Butylbenzylphthalate	21.43	149	832439	57.52	ppm	100
77)	3,3'-Dichlorobenzidine	22.08	252	333837	45.97	ppm	98
78)	Benzo[a]anthracene	22.03	228	1020383	48.21	ppm	99
79)	Chrysene	22.10	228	899765	47.65	ppm	99
80)	bis(2-Ethylhexyl)phthalate	22.32	149	1080668	60.52	ppm	99
81)	Di-n-octylphthalate	23.39	149	1423171	56.84	ppm	100
83)	Benzo[b]fluoranthene	23.95	252	904306	57.57	ppm	99
84)	Benzo[k]fluoranthene	24.02	252	835096	56.75	ppm	96
85)	Benzo[a]pyrene	24.68	252	777602	59.08	ppm	98
86)	Indeno[1,2,3-cd]pyrene	27.32	276	696084	56.59	ppm	96
87)	Dibenz[a,h]anthracene	27.38	278	751750	60.00	ppm	97
88)	Benzo[g,h,i]perylene	27.84	276	758156	60.10	ppm	96

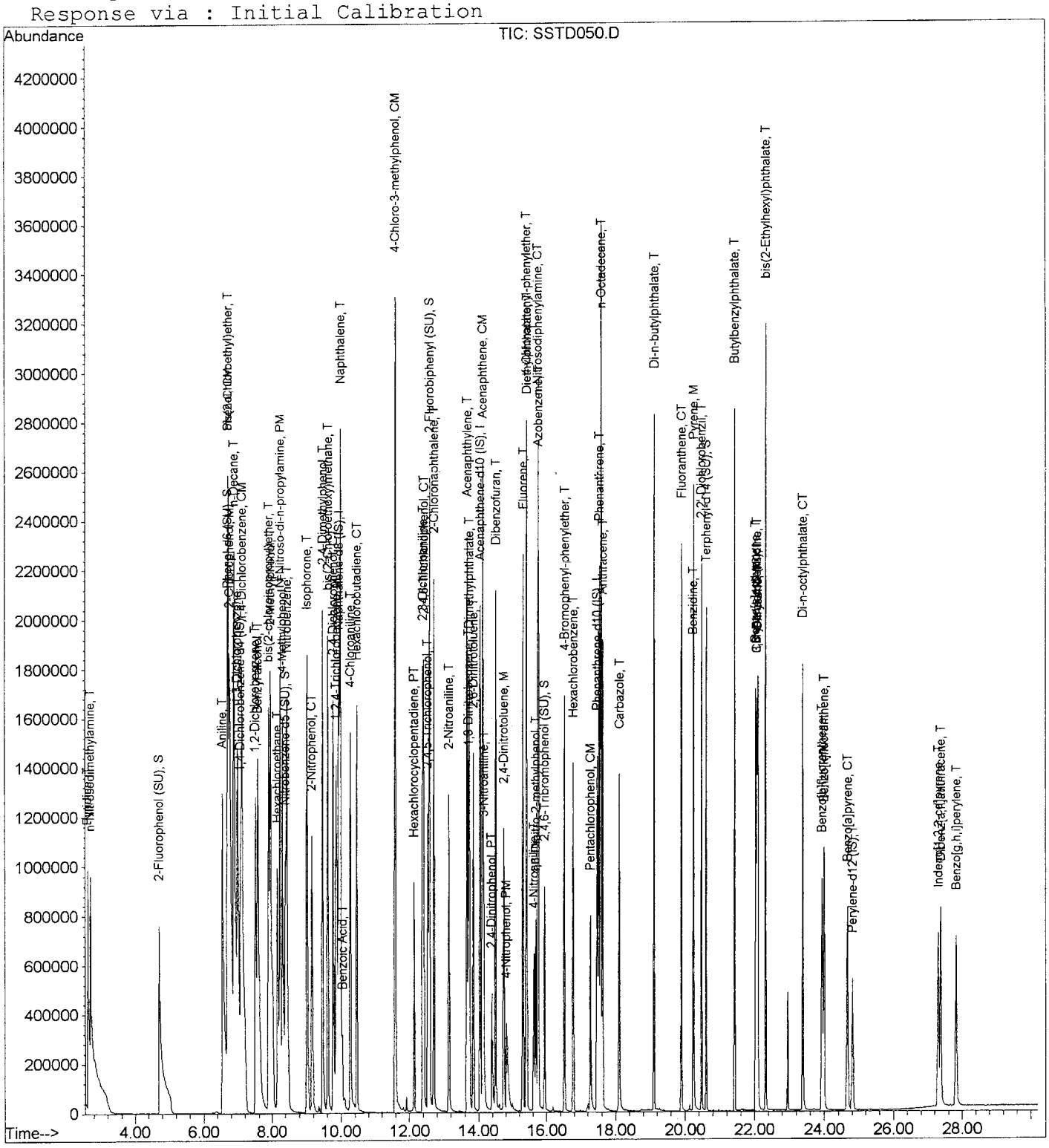
(#) = qualifier out of range (m) = manual integration

Data File : C:\GCMS8\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 10:03 am
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 19 11:32 19107

Vial: 2
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV19\H1119017.D Vial: 19
Acq On : 19 Nov 2007 8:35 pm Operator: AMI/DF
Sample : IQK1433-01 Inst : GCMS8
Misc : WATER 1L/2ml ---- BATCH 7K15059 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:05 19107 Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.08	152	603017	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	9.93	136	1918042	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.05	164	921148	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.46	188	1168919	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.06	240	614680	40.00	ppm	0.00
82) Perylene-d12 (IS)	24.83	264	440441	40.00	ppm	0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.71	112	1461613	63.33	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 63.33%			
7) Phenol-d6 (SU)	6.70	99	1978000	66.12	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 66.12%			
21) Nitrobenzene-d5 (SU)	8.40	82	835692	35.81	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 71.62%			
40) 2-Fluorobiphenyl (SU)	12.57	172	1241184	39.53	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 79.06%			
62) 2,4,6-Tribromophenol (SU)	15.95	330	377295	90.05	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.05%			
74) Terphenyl-d14 (SU)	20.62	244	790320	49.74	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 99.48%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.40	70	118643	~~6.29~~	ppm	# 78
45) Dimethylphthalate	14.05	163	190292	~~6.13~~	ppm	# 1
46) 2,6-Dinitrotoluene	14.05	165	116198	~~14.52~~	ppm	# 29
75) Benzidine	20.62	184	8077	~~1.10~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration

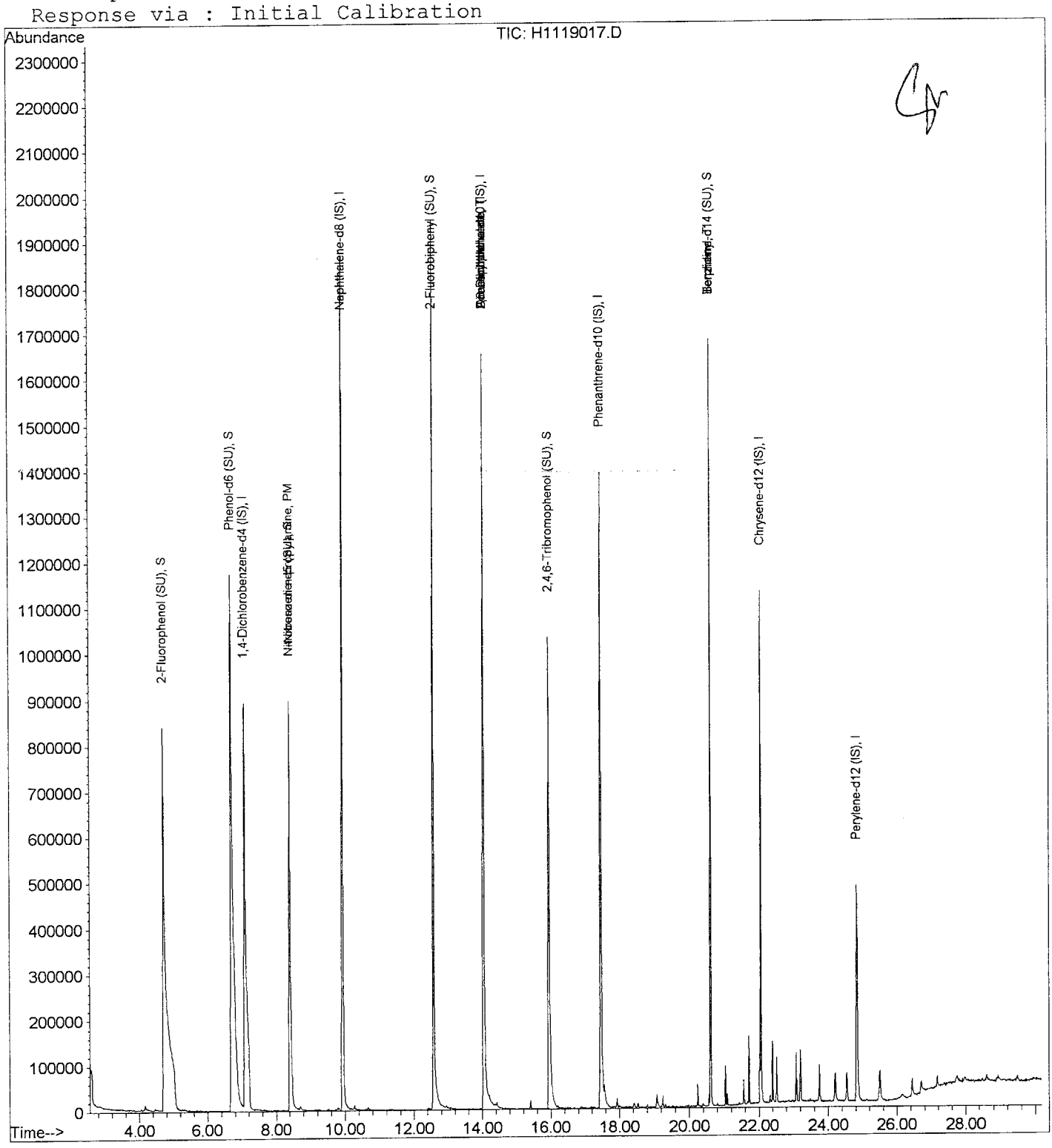
Quantitation Report

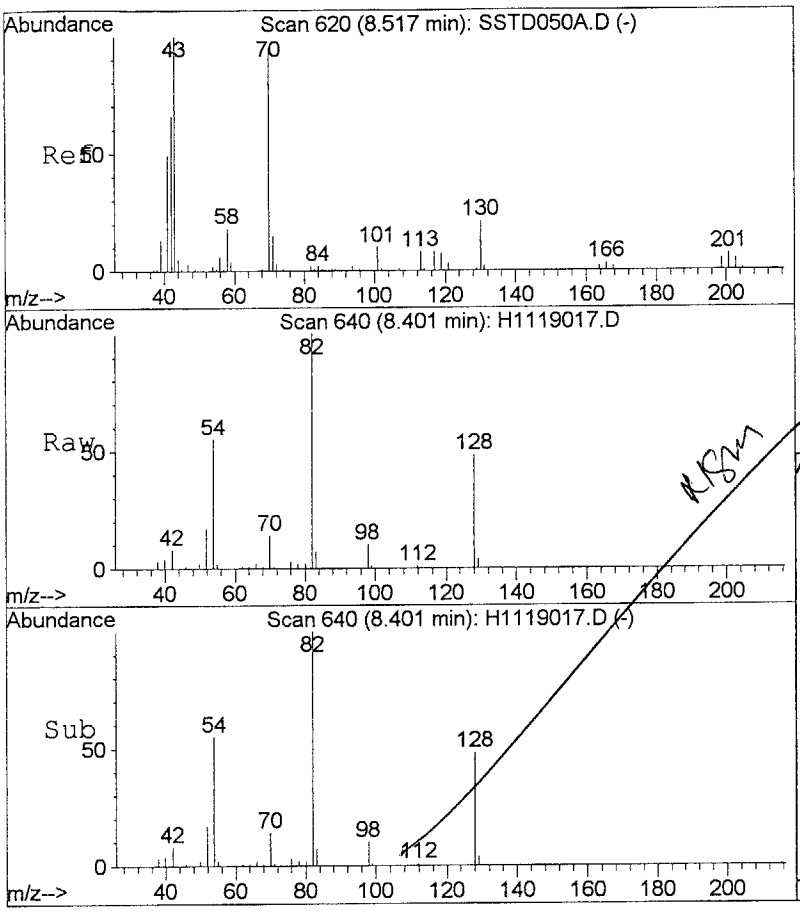
Data File : C:\GCMS8\DATA\07NOV19\H1119017.D
Acq On : 19 Nov 2007 8:35 pm
Sample : IQK1433-01
Misc : WATER 1L/2ml ---- BATCH 7K15059
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:05 19107

Vial: 19
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration

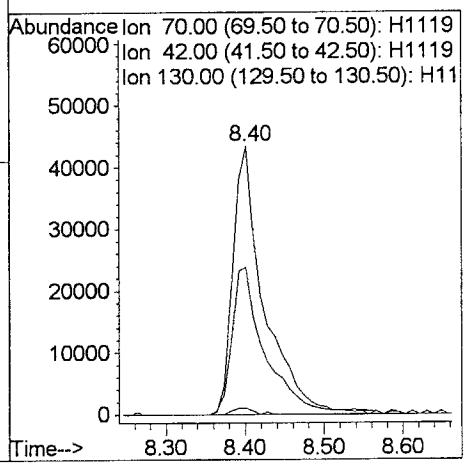


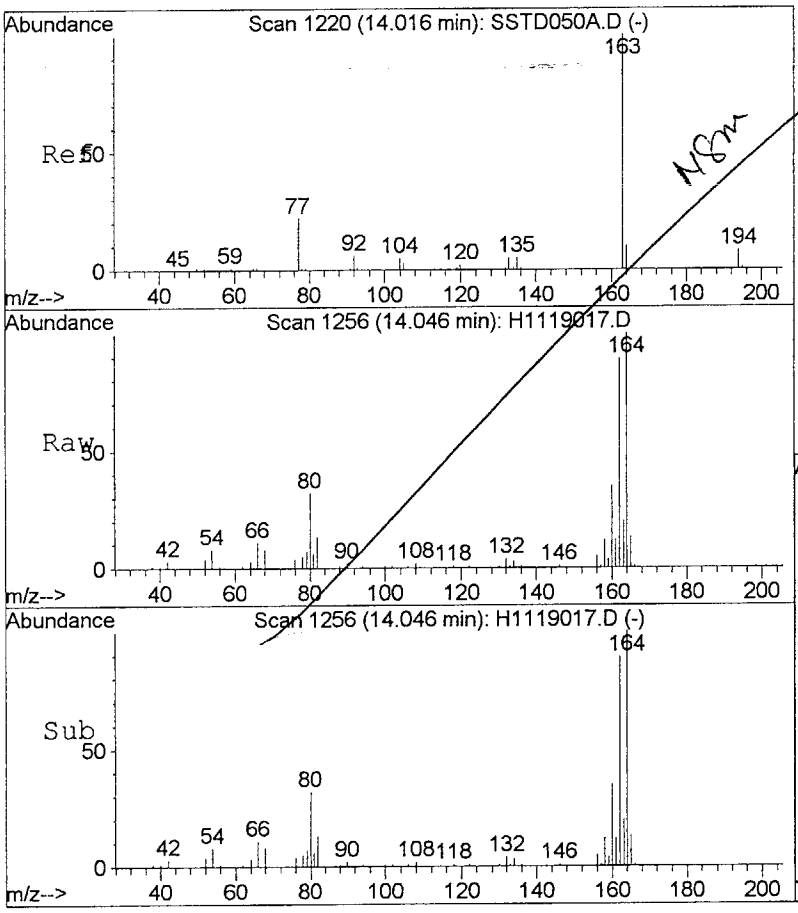


#18
N-Nitroso-di-n-propylamine
Concen: 6.29 ppm
RT: 8.40 min Scan# 640
Delta R.T. 0.16 min
Lab File: H1119017.D
Acq: 19 Nov 2007 8:35 pm

Tgt Ion: 70 Resp: 118643

Ion	Ratio	Lower	Upper
70	100		
42	58.3	51.2	91.2
130	1.7	2.4	42.4#

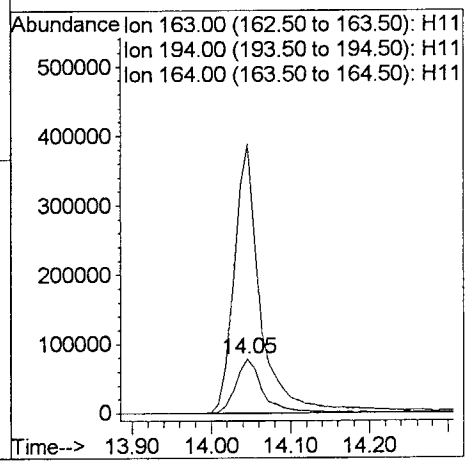


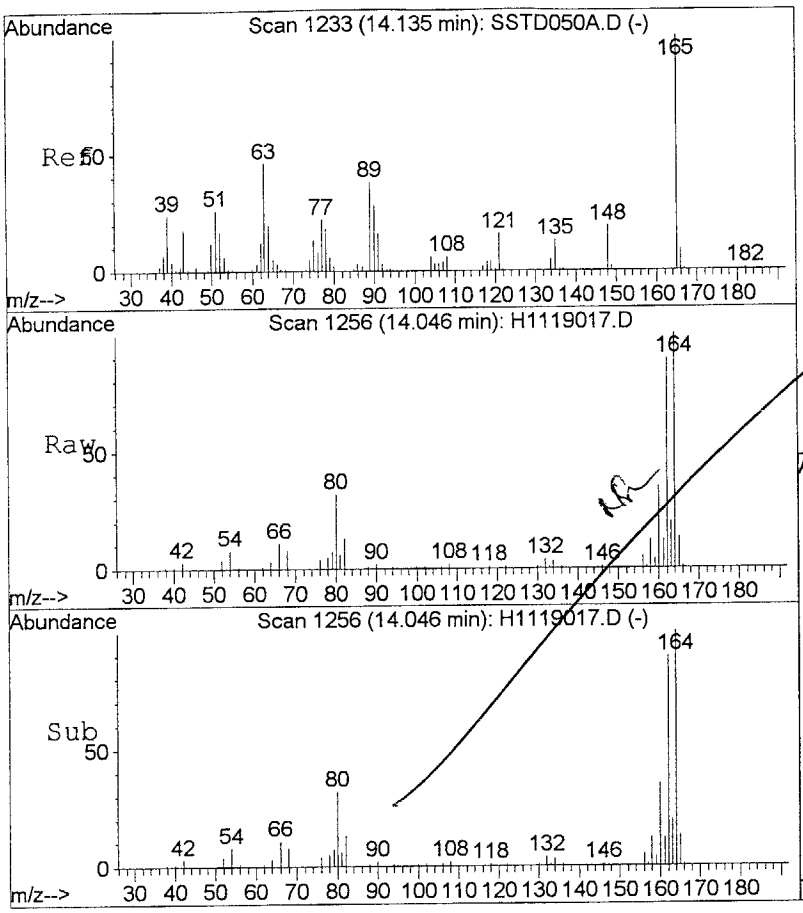


#45
Dimethylphthalate
Concen: 6.13 ppm
RT: 14.05 min Scan# 1256
Delta R.T. 0.30 min
Lab File: H1119017.D
Acq: 19 Nov 2007 8:35 pm

Tgt Ion:163 Resp: 190292

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.9
164	474.5	0.0	30.2#

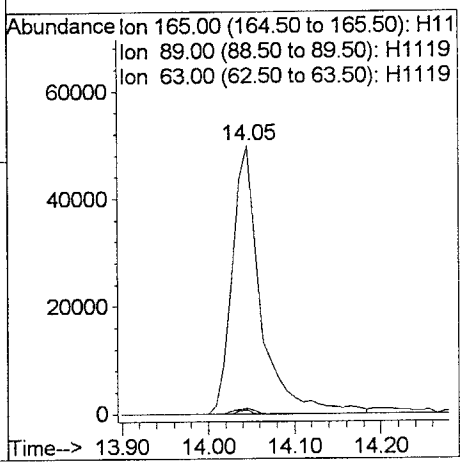


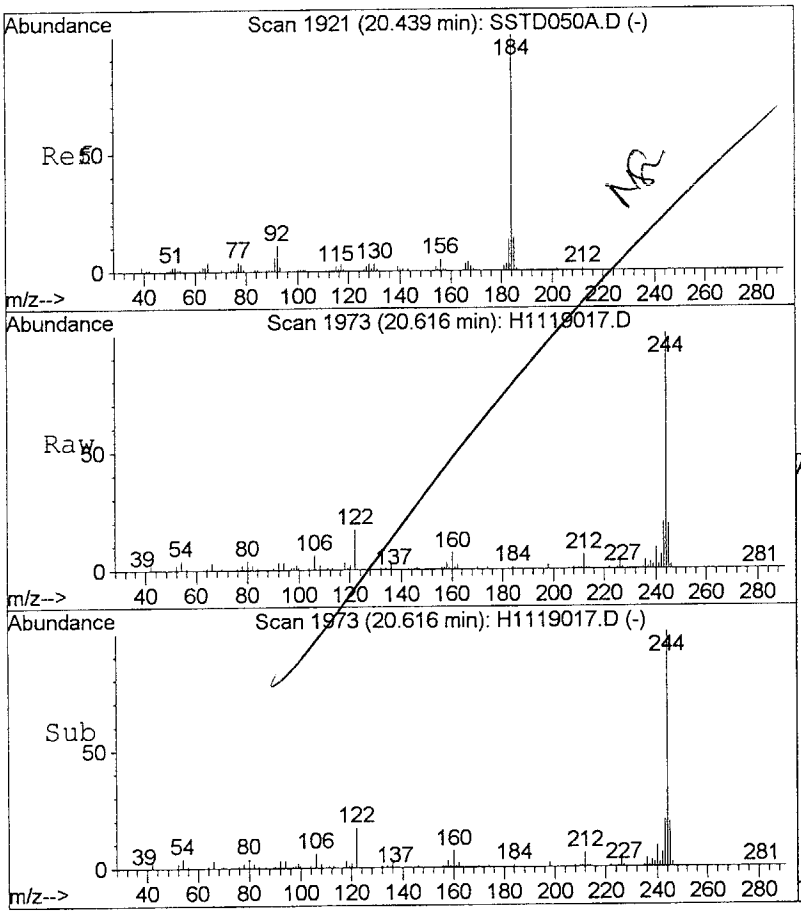


#46
2,6-Dinitrotoluene
Concen: 14.52 ppm
RT: 14.05 min Scan# 1256
Delta R.T. 0.19 min
Lab File: H1119017.D
Acq: 19 Nov 2007 8:35 pm

Tgt Ion:165 Resp: 116198

Ion	Ratio	Lower	Upper
165	100		
89	0.0	22.1	62.1#
63	1.4	34.6	74.6#

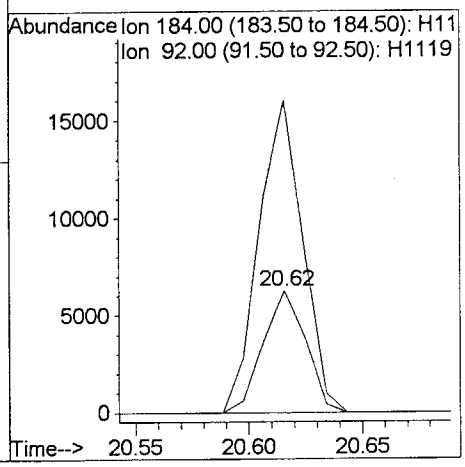




#75
Benzidine
Concen: 1.10 ppm
RT: 20.62 min Scan# 1973
Delta R.T. 0.38 min
Lab File: H1119017.D
Acq: 19 Nov 2007 8:35 pm

Tgt Ion:184 Resp: 8077

Ion	Ratio	Lower	Upper
184	100		
92	264.3	0.0	32.6#



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL
LABORATORY NUMBER: IQK1433
PROJECT: PHASE 2 SAMPLING TRONOX
20072263V1 PARCEL D RINSATE

EPA 300.1 LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA
- SAMPLE RAW DATA

17461 Derian Avenue, Ste. 100 Irvine, CA 92614 **tel** 949.261.1022 **fax** 949.260.3297 **www.testamericainc.com**

TotalChrom Method File H:\DATA\IC7\IC7QK06a.mth

Printed by	: inorg on: 12/3/2007 10:00:09 AM
Created by	: inorg on: 11/16/2007 2:31:19 PM
Edited by	: inorg on: 11/29/2007 7:15:37 PM
Number of Times Edited	: 4
Number of Times Calibrated	: 22
Description:	

Instrument Conditions

Instrument Control Method

Instrument Name : ICDNX7
Instrument Type : 900 Series Intelligent Interface

Interface Parameters

Delay Time	: 0.00 min
Run Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s
Interface Type	: 900 Series Intelligent Interface
Analog Voltage Input	: 1000 mV

Data will be collected from channel A

Timed Events

There are no timed events in the method

Real Time Plot Parameters

	Pages	Offset (mV)	Scale (mV)
Channel A	1	50.000	800.000

Processing Parameters

Bunch Factor	: 4 points
Noise Threshold	: 20 µV
Area Threshold	: 500.00 µV

Peak Separation Criteria

Width Ratio	: 0.200
Valley-to-Peak Ratio	: 0.010

Exponential Skim Criteria

Peak Height Ratio	: 5.000
Adjusted Height Ratio	: 4.000
Valley Height Ratio	: 3.000

Baseline Timed Events

Event #1 - Valley Baselines On at 6.250
Event #2 - Enable Peak Detection at 6.350
Event #3 - Disable Peak Detection at 8.261
Event #4 - Valley Baselines On at 11.200
Event #5 - Enable Peak Detection at 11.300
Event #6 - Disable Peak Detection at 15.200

Optional Reports

No report format files given

Optional Report Plot Parameters

Plot Number	1	2	3	4	5
Generate this plot	No	No	No	No	No
Start plot at end of delay time	Yes	Yes	Yes	Yes	Yes
Start Time					
End Time					
Scale Type	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling
Scale Factor	1.000	1.000	1.000	1.000	1.000
Full Scale					
Offset					

Annotated Replot Parameters

Offset & Scale set to absolute values

Draw baselines
Include timed event annotations
Automatically set plot start and end times to data limits

Plot Offset : 50.000 µV
Plot Scale : 200.000 µV
Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time

User Programs

No user programs will be executed

Global Sample Information

Default Sample Volume : 1.000 uL
Quantitation Units : PPM
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

CHLORITE

Component Type : Single Peak Component
Retention Time : 6.600 min
Search Window : 15.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	20.0000	485148.30	31031.74	----------	----------	1
3	100.0000	2580797.40	162500.09	----------	----------	1
4	200.0000	5228081.60	334373.97	----------	----------	1
5	400.0000	10646272.00	693908.82	----------	----------	1

Calibration Curve : y = (-50102.450607) + (26653.904898)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999899

BROMATE

Component Type : Single Peak Component
Retention Time : 7.400 min
Search Window : 20.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin

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Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	5.0000	62676.20	3880.47	----------	----------	1
3	25.0000	321673.20	20412.11	----------	----------	1
4	50.0000	634717.00	40862.92	----------	----------	1
5	100.0000	1245328.60	80056.57	----------	----------	1

Calibration Curve : y = (4332.482967) + (12459.625404)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999857

DCA
Component Type : Single Peak Component
Retention Time : 11.900 min
Search Window : 25.00 s, 0.00 %
This component is a reference
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	1.0000	12419223.22	495087.16	----------	----------	1
2	1.0000	12100000.00	0.00	----------	----------	0
3	1.0000	12327800.20	494360.87	----------	----------	1
4	1.0000	12459241.70	502061.25	----------	----------	1
5	1.0000	11783210.86	481554.78	----------	----------	1

Average Calibration Factor = 1.221790e+07 (%RSD = 2.29)

BROMIDE
Component Type : Single Peak Component
Retention Time : 13.000 min
Search Window : 28.10 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

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Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	50.0000	1094829.00	50625.92	----------	----------	1
3	250.0000	6178169.60	276720.64	----------	----------	1
4	500.0000	12834862.10	577679.36	----------	----------	1

Calibration Curve : y = (-128057.754390) + (25775.114615)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999560

CHLORATE
Component Type : Single Peak Component
Retention Time : 14.200 min
Search Window : 30.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	20.0000	448590.30	17626.52	----------	----------	1
3	100.0000	2211279.60	88642.08	----------	----------	1
4	200.0000	4511548.20	181006.38	----------	----------	1
5	400.0000	9229454.80	372851.28	----------	----------	1

Calibration Curve : y = (-42492.693863) + (23074.078259)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999806

Calibration Replicate Lists
Component : CHLORITE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
485148.30	31031.74	20.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2580797.40	162500.09	100.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
5228081.60	334373.97	200.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
10646272.00	693908.82	400.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

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Component : BROMATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
62676.20	3880.47	5.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
321673.20	20412.11	25.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
634717.00	40862.92	50.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1245328.60	80056.57	100.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : DCA
Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12419223.22	495087.16	1.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060002a.rst

Level : 2
This level has no replicate injections

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12327800.20	494360.87	1.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12459241.70	502061.25	1.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
11783210.86	481554.78	1.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : BROMIDE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1094829.00	50625.92	50.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
6178169.60	276720.64	250.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

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Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12834862.10	577679.36	500.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Component : CHLORATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
448590.30	17626.52	20.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2211279.60	88642.08	100.0000	----------	----------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
4511548.20	181006.38	200.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
9229454.80	372851.28	400.0000	----------	----------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

TotalChrom Sequence File H:\DATA\IC7\20071106\20071106.seq
Printed by : inorg on: 11/7/2007 4:41:22 PM
Created by : inorg on: 11/6/2007 2:26:41 PM
Edited by : inorg on: 11/7/2007 4:41:14 PM
Number of Times Edited : 7
Description:

Sequence File Header Information:

Number of Rows : 75
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Int Std Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	LEVEL 1	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	LEVEL 2	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	LEVEL 3	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	LEVEL 4	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	LEVEL 5	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	ICV	7K06097	7110130	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	LOW LEVEL	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	7K06097-BS1	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	7K06097-BLK1	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	IQK0145-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~12~~	~~Sample~~	~~IQK0145-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
13	Sample	IQK0145-02	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~14~~	~~Sample~~	~~IQK0145-02~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
15	Sample	IQK0145-03	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~16~~	~~Sample~~	~~IQK0145-03~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
~~17~~	~~Sample~~	~~IQK0016-01~~	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~18~~	~~Sample~~	~~IQK0016-01~~	7K06097		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
~~19~~	~~Sample~~	~~IQK0138-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
20	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
22	Sample	IQK0138-01	7K06097		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
23	Sample	IQK0139-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	IQK0139-02	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	IQK0139-03	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
26	Sample	IQK0139-04	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
27	Sample	IQK0139-05	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	IQK0139-06	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK0139-07	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	IQK0139-08	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample	7K06097-MS1	7K06097	IQK0139-08	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
33	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
34	Sample	7K06097-MSD1	7K06097	IQK0139-08	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
35	Sample	IQK0140-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample	IQK0342-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~37~~	~~Sample~~	~~IQK0342-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
38	Sample	IQJ3019-02	7K06097		1.000000	1.000000	1.000	200.000000	1.000000	1.000000	0.000000	100.000
39	Sample	7K06097-MS2	7K06097	IQK0145-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	7K06097-MSD2	7K06097	IQK0145-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~41~~	~~Sample~~	~~IQK0138-01~~	7K06097	SPIKE	1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
~~42~~	~~Sample~~	~~IQK0138-01~~	7K06097		1.000000	1.000000	1.000	100.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK0016-01	7K06097		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
44	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
47	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
48	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
50	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
55	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
56	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

CALIBRATION CHECKLIST

EPA 300.1– Inorganic Anions (Part B) IC

Analyst:	KS	2nd Level Review:	✓
Analysis Date:	11/6/07	Date:	11/13/07
IC #:	7	Original Calibration date:	10/12/07
Method used:	300.1	Original Calibration file #:	1C7Q512a

Analyst Rev	2nd Level Rev	
✓	✓	Minimum 3-point calibration, lowest point at or below RL (for single order of magnitude), or Minimum 5-point calibration, lowest point at or below RL (for 2 orders of magnitude) Linearity check : r >= 0.995
✓	✓	
✓	✓	
✓	✓	2nd source ICV : %REC = 85-115
✓	✓	All standard solutions contain 50 ppm preservative (EDA) and 1000 ppb surrogate (DCA)
		Calibration date and file checked for completeness and accuracy :
✓	✓	• Correct date, analyst's name and calibration file
✓	✓	• Correct instrument parameters, retention time and window
✓	✓	• Chromatography peak shape and baseline acceptable
✓	✓	• Calibration summary and raw data match for calibration levels and area counts
		Instrument update for new calibration information:
✓	✓	• Calibration: 7110129 1C7QK06.mth
✓	✓	• Standard preparation: 7100397, 7100398, 7100899, 7110122
✓	✓	• Supplier: Ultra Scientific
✓	✓	• Standard Lot # :
✓	✓	• Calibration Chart:
✓	✓	

Comments: _____

Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:22:44 PM
Reprocess Number	: irv-wetchem6: 1831		
Operator	: inorg	Sample Name	: IB
Sample Number	: 7K06097	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 3:34:01 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060001.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060001.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060001.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060001.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060001.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.38	1.25e+07	1.2058	1.2058	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.25e+07	1.2058	1.2058	

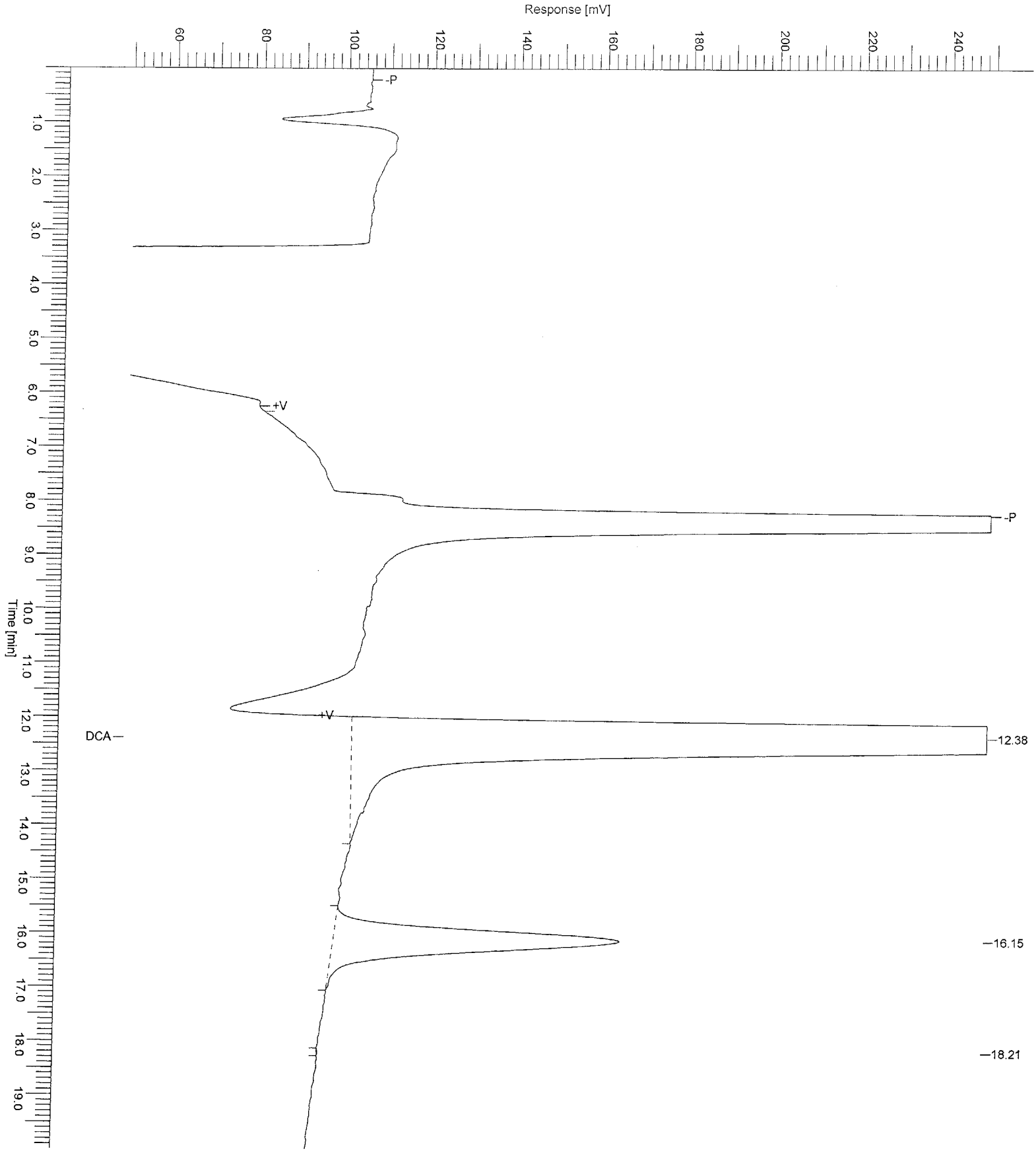
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060001.TX0

Chromatogram

Sample Name : IB Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060001.raw
Date : 11/7/2007 2:22:45 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 3:34:01 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:33:06 PM
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 19.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 4:25:02 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071106\200711060002.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060002.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.35	1.24e+07	1.2003	1.2003	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.24e+07	1.2003	1.2003	

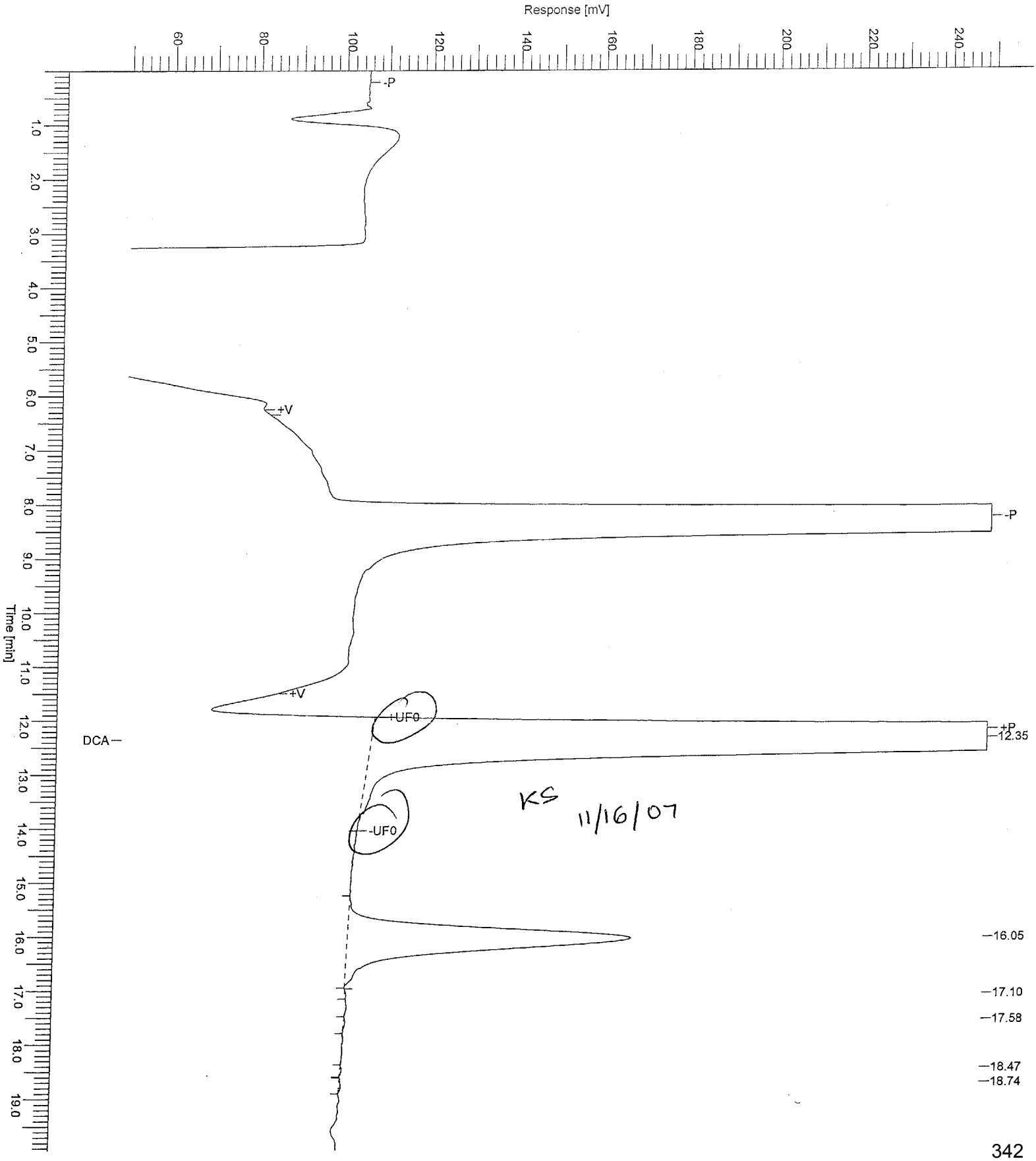
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060002.TX0

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060002.raw
Date : 11/7/2007 2:33:07 PM
Method : Time of Injection: 11/6/2007 4:25:02 PM
Start Time : 0.00 min End Time : 19.94 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



KS 11/16/07

Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:23:45 PM
Reprocess Number	: irv-wetchem6: 1832		
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 19.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 4:25:02 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060002.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060002.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060002.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.35	1.10e+07	1.0664	1.0664	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.10e+07	1.0664	1.0664	

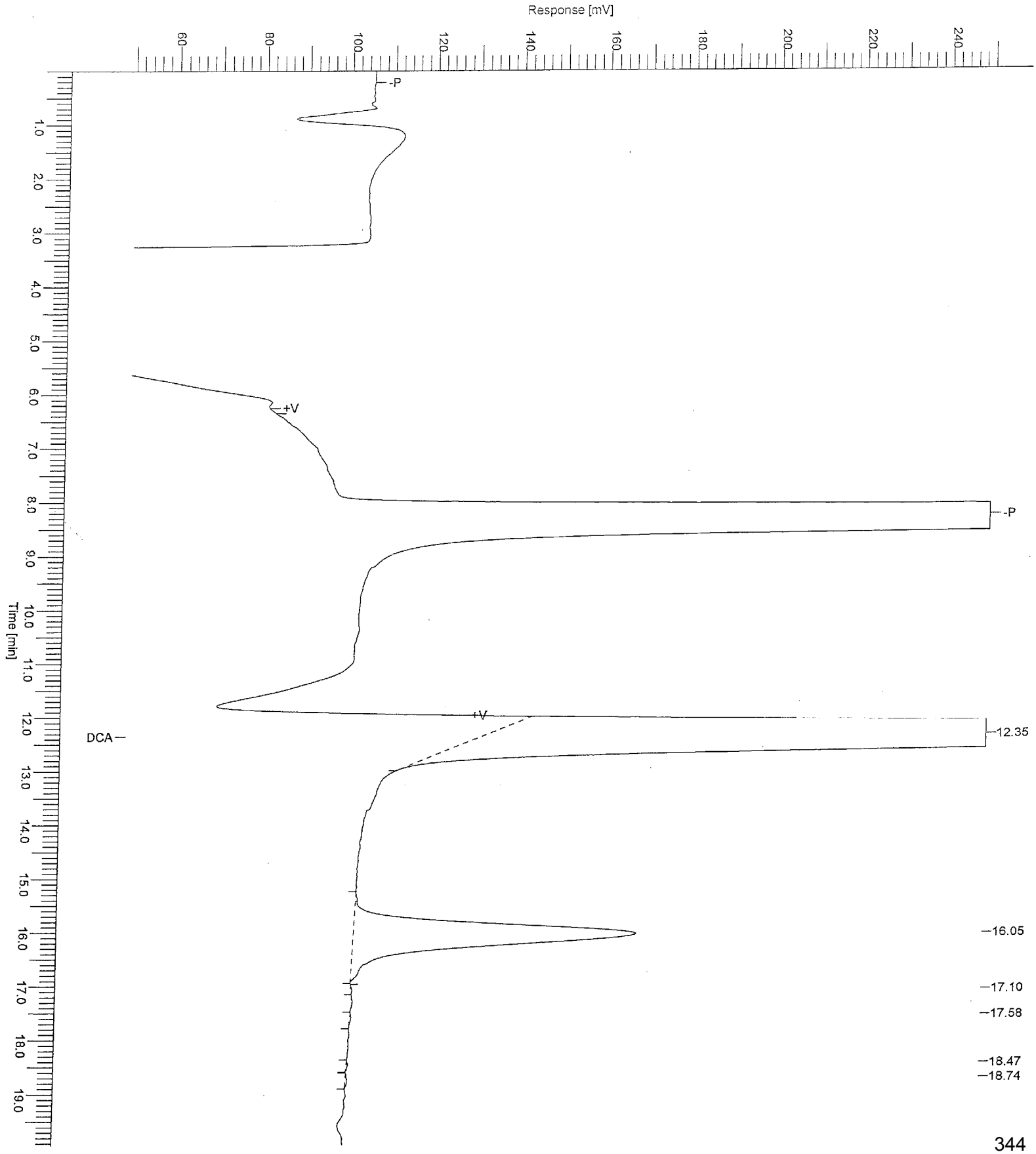
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060002.TX0

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060002.raw
Date : 11/7/2007 2:23:46 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 4:25:02 PM
Start Time : 0.00 min End Time : 19.94 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:53 PM
Reprocess Number	: irv-wetchem6: 1844		
Operator	: inorg	Sample Name	: LEVEL 2
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 5:15:58 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060003.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060003.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060003.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060003.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	485148.30	19.9570	19.9570	
BROMATE	7.56	62676.20	4.3447	4.3447	*
DCA	12.41	1.21e+07	1.1715	1.1715	
BROMIDE	13.54	1094829.00	41.4273	41.4273	*
CHLORATE	14.89	448590.30	20.5219	20.5219	*
		1.42e+07	87.4224	87.4224	

* Warning -- uncalibrated levels encountered

Missing Component Report

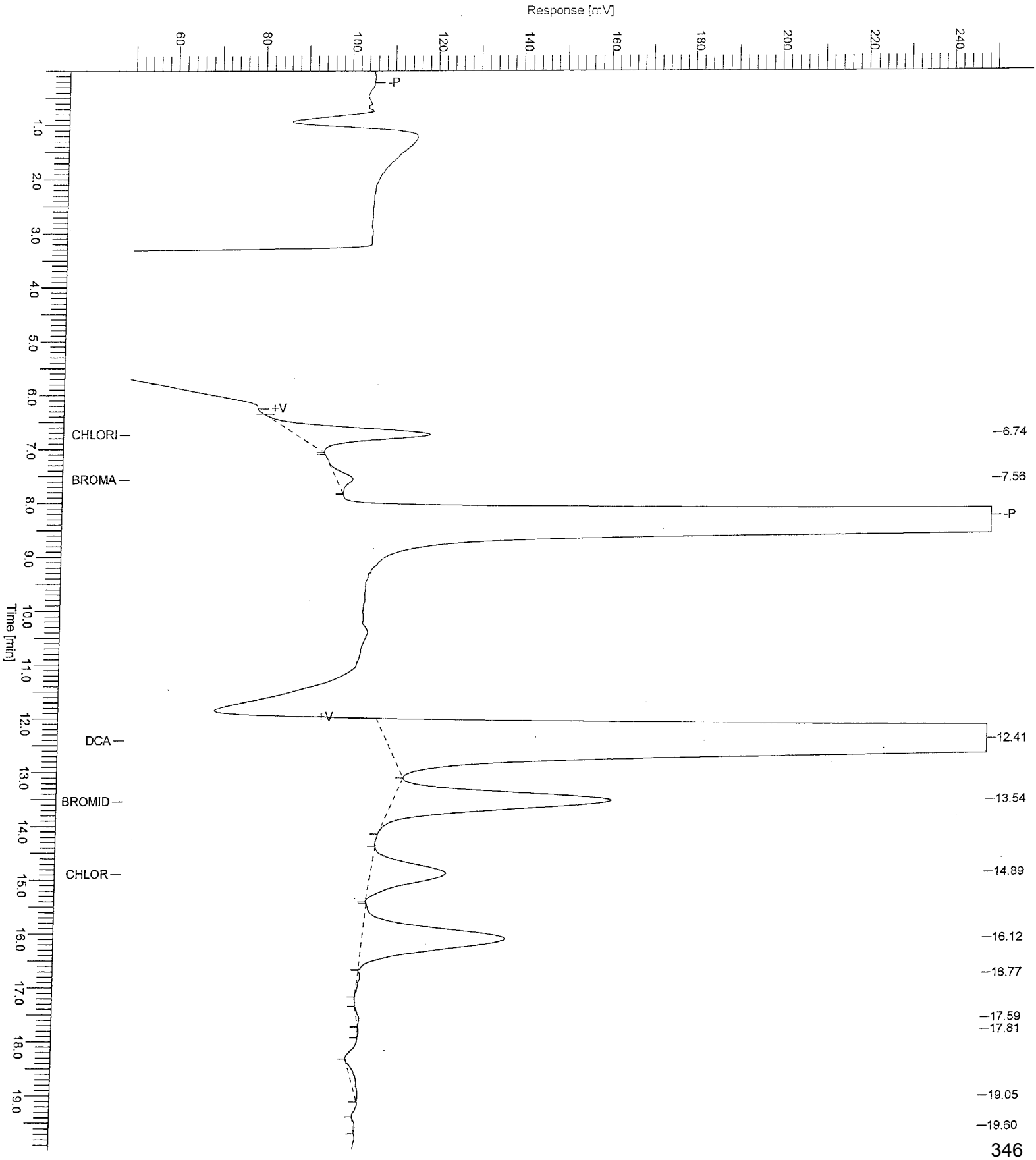
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060003.TX0

Chromatogram

Sample Name : LEVEL 2 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060003.raw
Date : 11/7/2007 2:41:53 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 5:15:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:55 PM
Reprocess Number	: irv-wetchem6: 1845		
Operator	: inorg	Sample Name	: LEVEL 3
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 6:06:58 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071106\200711060004.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060004.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060004.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060004.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060004.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	2580797.40	99.0901	99.0901	
BROMATE	7.56	321673.20	23.2194	23.2194	*
DCA	12.43	1.23e+07	1.1864	1.1864	
BROMIDE	13.57	6178169.60	217.9650	217.9650	*
CHLORATE	14.92	2215269.80	94.3438	94.3438	*
		2.36e+07	435.8047	435.8047	

* Warning -- uncalibrated levels encountered

Missing Component Report

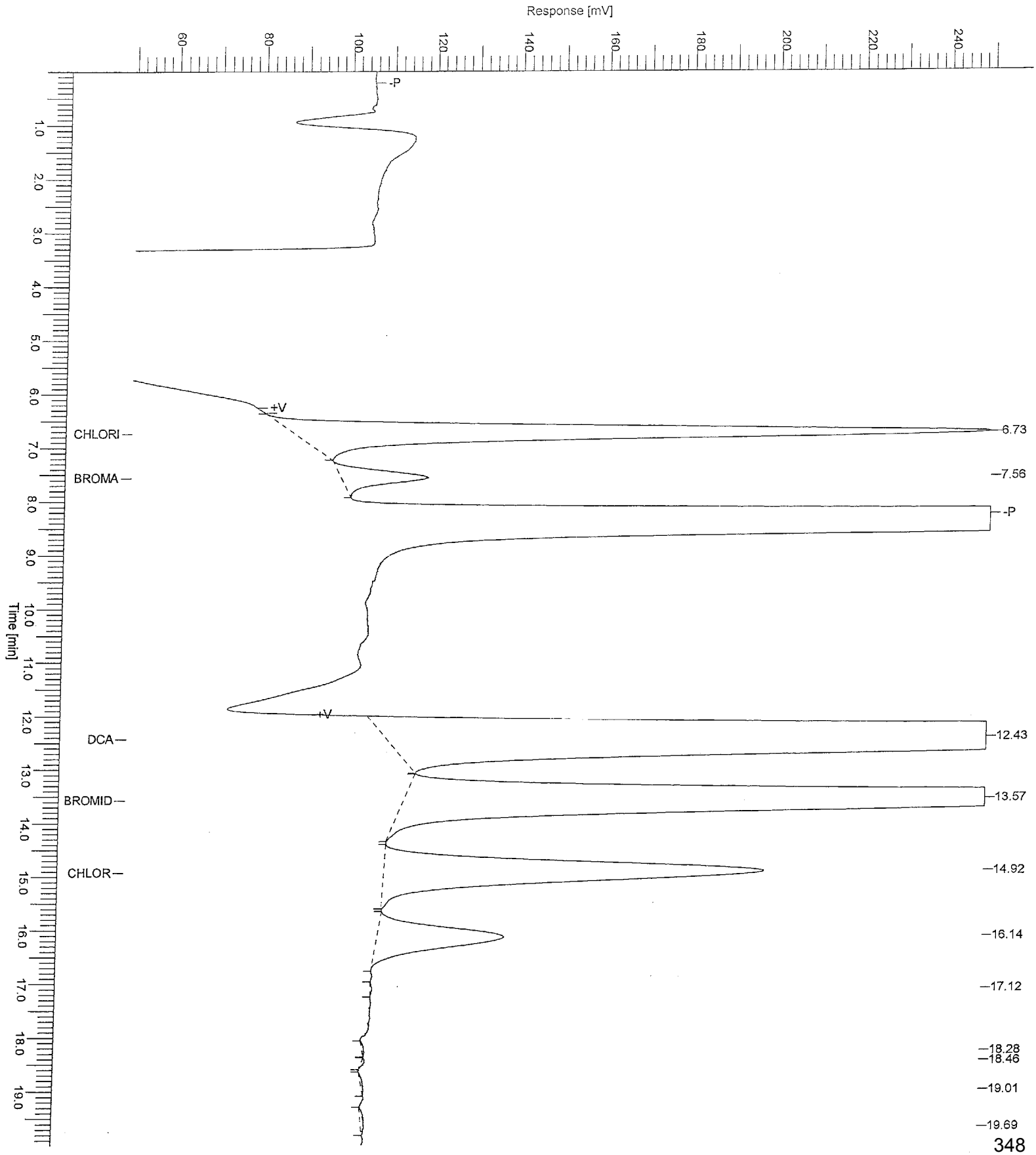
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060004.TX0

Chromatogram

Sample Name : LEVEL 3 Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060004.raw
Date : 11/7/2007 2:41:55 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 6:06:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:57 PM
Reprocess Number	: irv-wetchem6: 1846		
Operator	: inorg	Sample Name	: LEVEL 4
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 6:57:58 PM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071106\200711060005.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060005.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060005.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060005.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060005.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	5228081.60	199.0534	199.0534	
BROMATE	7.56	634717.00	46.0328	46.0328	*
DCA	12.42	1.24e+07	1.1987	1.1987	
BROMIDE	13.58	1.28e+07	449.2479	449.2479	*
CHLORATE	14.93	4510104.60	190.2351	190.2351	*
		3.56e+07	885.7678	885.7678	

* Warning -- uncalibrated levels encountered

Missing Component Report

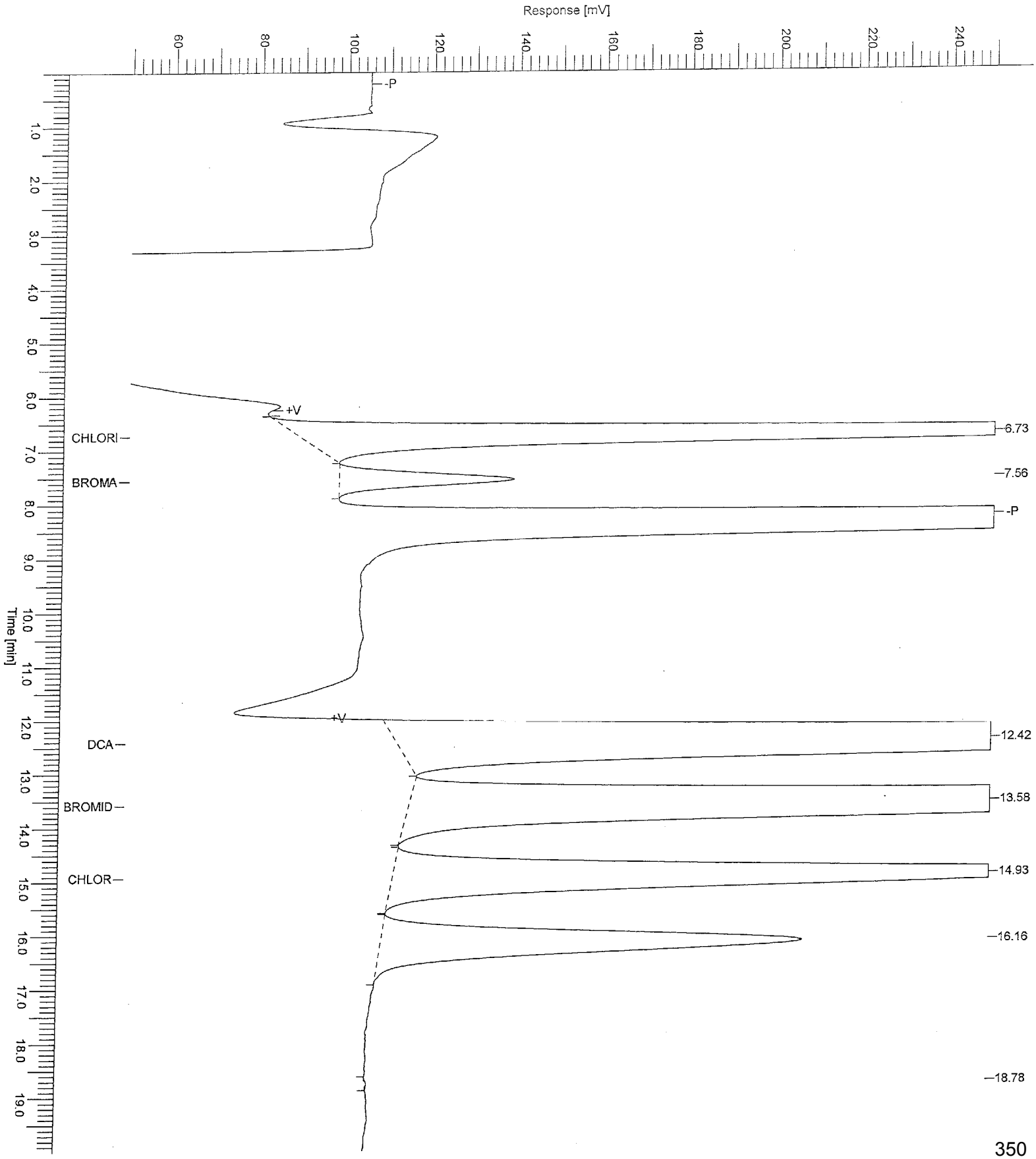
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060005.TX0

Chromatogram

Sample Name : LEVEL 4 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060005.raw
Date : 11/7/2007 2:41:57 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 6:57:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:44:02 PM
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 7:48:58 PM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071106\200711060006.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060006.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	1.06e+07	403.6479	403.6479	+
BROMATE	7.56	1245328.60	90.5319	90.5319	*
DCA	12.41	1.18e+07	1.1388	1.1388	
BROMIDE	13.48	2.39e+07	832.2690	832.2690	*
CHLORATE	14.94	9229454.80	387.4365	387.4365	*
		5.68e+07	1715.0240	1715.0240	

* Warning -- uncalibrated levels encountered

Missing Component Report

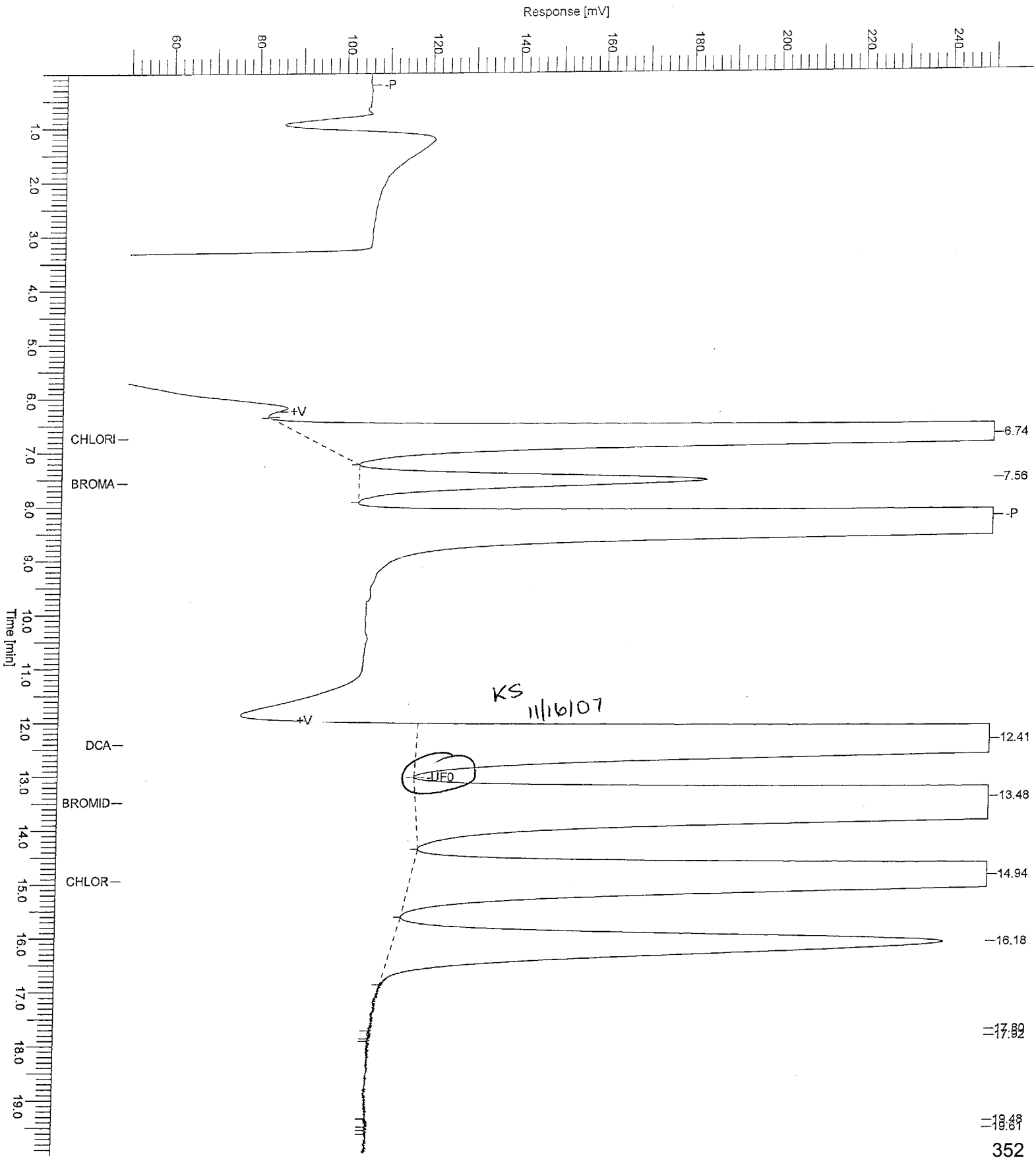
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060006a.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060006.raw
Date : 11/7/2007 2:44:08 PM
Method :
Time of Injection: 11/6/2007 7:48:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:59 PM
Reprocess Number	: irv-wetchem6: 1847		
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 7:48:58 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071106\200711060006.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060006.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060006.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	1.06e+07	403.6479	403.6479	+
BROMATE	7.56	1245328.60	90.5319	90.5319	*
DCA	12.41	1.24e+07	1.1973	1.1973	
BROMIDE	13.48	2.39e+07	832.2914	832.2914	*
CHLORATE	14.94	9227034.20	387.3354	387.3354	*
		5.74e+07	1715.0037	1715.0037	

* Warning -- uncalibrated levels encountered

Missing Component Report

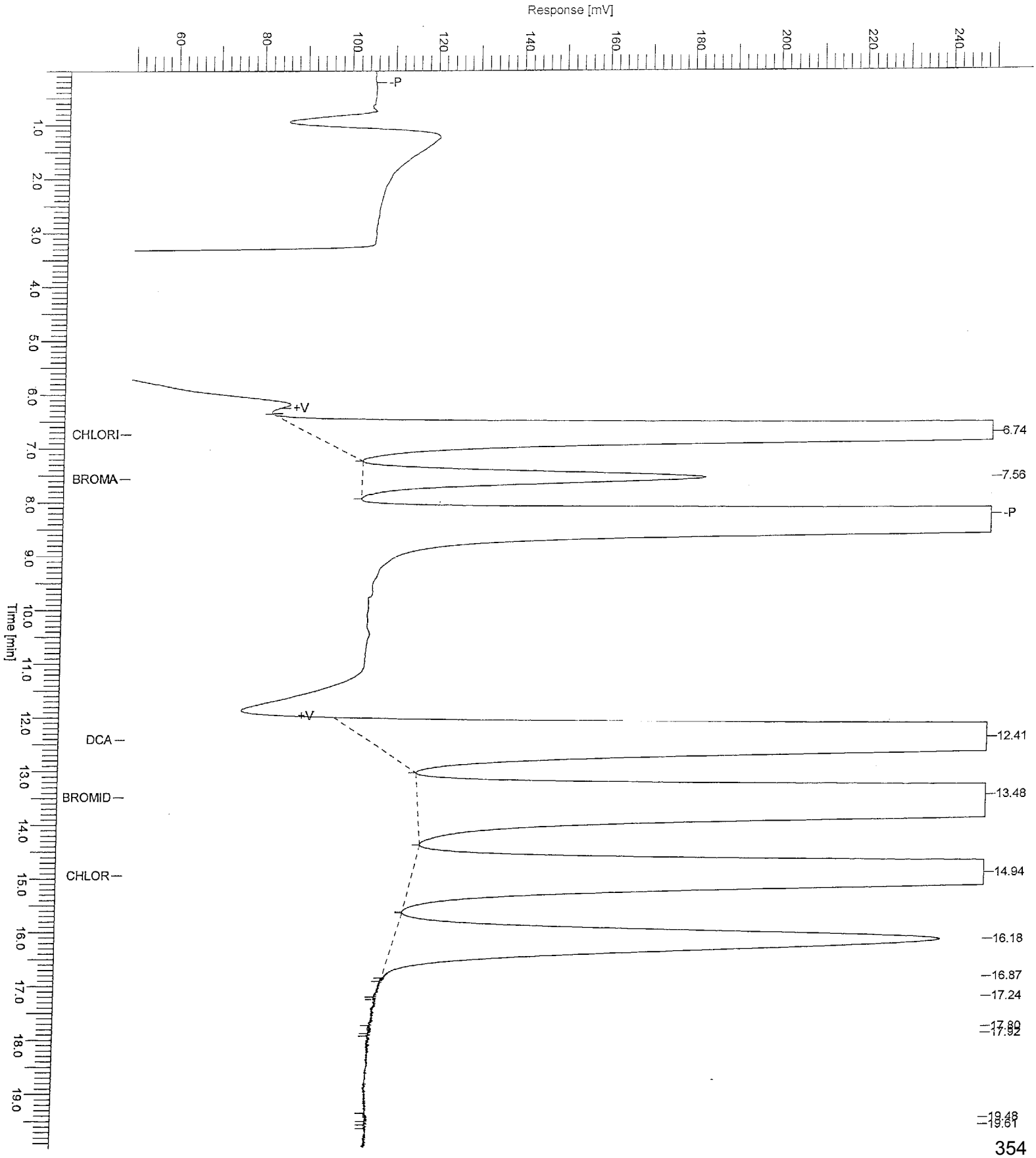
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060006.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060006.raw
Date : 11/7/2007 2:41:59 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 7:48:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:53:15 PM
Reprocess Number	: irv-wetchem6: 1848		
Operator	: inorg	Sample Name	: ICV
Sample Number	: 7K06097	Study	: 7110130
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 8:39:57 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060007.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060007.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060007.raw
Proc Method : h:\data\ic7\ic7qk06.mth from H:\DATA\IC7\20071106\200711060007.rst
Calib Method : h:\data\ic7\ic7qk06.mth from H:\DATA\IC7\20071106\200711060007.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	3224993.30	122.8749	122.8749	*
BROMATE	7.57	368846.50	29.2556	29.2556	*
DCA	12.41	1.25e+07	1.0193	1.0193	
BROMIDE	13.63	7345712.70	289.9607	289.9607	*
CHLORATE	14.97	2670612.80	117.5824	117.5824	*
		2.61e+07	560.6929	560.6929	

* Warning -- uncalibrated levels encountered

Missing Component Report

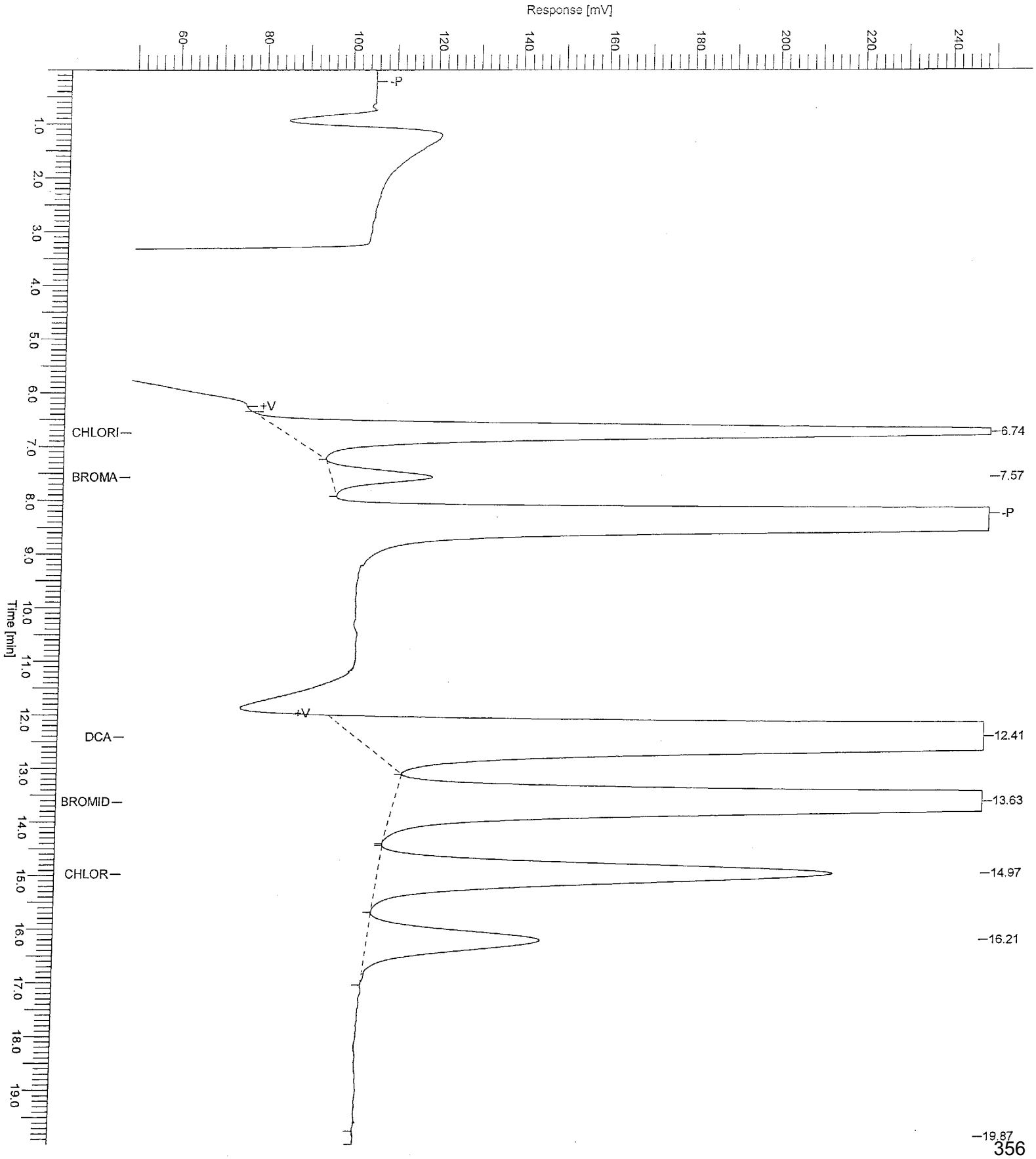
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060007.TX0

Chromatogram

Sample Name : ICV Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060007.raw
Date : 11/7/2007 2:53:16 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 8:39:57 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



TotalChrom Sequence File H:\DATA\IC7\20071119\20071119.seq
Printed by : inorg on: 11/21/2007 6:34:48 PM
Created by : inorg on: 11/19/2007 2:12:31 PM
Edited by : inorg on: 11/21/2007 6:34:45 PM
Number of Times Edited : 8
Description:

Sequence File Header Information:

Number of Rows : 73
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Int Std Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	LOW LEVEL	7K19101	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	7K19101-BS1	7K19101	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	7K19101-BLK1	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	IQK1137-01	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
6	Sample	7K19102-BS1	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	7K19102-BLK1	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	IQK1075-08	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	IQK1075-08	7K19102		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
10	Sample	IQK1075-09	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	IQK1075-10	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
12	Sample	IQK1075-11	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
13	Sample	IQK1075-12	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
14	Sample	IQK1075-13	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
15	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
16	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
17	Sample	IQK1075-14	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
18	Sample	IQK1075-15	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
19	Sample	7K19102-MS1	7K19102	IQK1075-15	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
20	Sample	7K1902-MSD1	7K19102	IQK1075-15	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	IQK1075-16	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
22	Sample	IQK1075-17	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
23	Sample	IQK1075-21	7K19102		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
24	Sample	7K19101-MS1	7K19101	IQK1137-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
25	Sample	7K19101-MSD1	7K19101	IQK1137-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
26	Sample	IQK1137-02	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
27	Sample	CCV	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	CCB	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK1137-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
30	Sample	IQK1137-04	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
31	Sample	IQK1137-05	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
32	Sample	IQK1137-06	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
33	Sample	IQK1137-07	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
34	Sample	IQK1137-08	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
35	Sample	IQK1137-09	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
36	Sample	IQK1137-10	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
37	Sample	IQK1137-11	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
38	Sample	IQK1246-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
39	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
41	Sample	IQK1247-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
42	Sample	IQK1248-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK1249-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
44	Sample	~~IQK1321-01~~	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	IQK1321-01	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
46	Sample	IQK1345-05	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
47	Sample	IQK1345-06	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
48	Sample	IQK1433-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample	~~IQK1433-01~~	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
50	Sample	IQK1541-03	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
51	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample	LOW LEVEL	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample	IQK1137-03	7K19101		1.000000	1.000000	1.000	10.000000	10.000000	1.000000	0.000000	100.000
55	Sample	IQK1137-11	7K19101		1.000000	1.000000	1.000	20.000000	10.000000	1.000000	0.000000	100.000
56	Sample	7K19102-MS2	7K19102	IQK1433-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample	7K19102-MSD2	7K19102	IQK1433-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample	IQK1541-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
59	Sample	IQK1408-02	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
60	Sample	IQK1408-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
61	Sample	IQK1408-04	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
62	Sample	IQK1408-05	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Int Std Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
63	Sample	CCV	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
64	Sample	CCB	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
65	Sample		7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
66	Sample		7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
67	Sample		7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
68	Sample		7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
69	Sample		7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
70	Sample		7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
71	Sample		7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
72	Sample		7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
73	Sample		7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

Sequence Process Information - Channel A

Row	Vial	Inst Method	Rpt Fmt File	Raw Data File	Baseline	Modified	Calib Rpt	Cal Level	Update RT	Printer	Plotter
1	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190001		H:\DATA<Chan>	-	-	-	Default	Default
2	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190002		H:\DATA<Chan>	-	-	-	Default	Default
3	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190003		H:\DATA<Chan>	-	-	-	Default	Default
4	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190004		H:\DATA<Chan>	-	-	-	Default	Default
5	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190005		H:\DATA<Chan>	-	-	-	Default	Default
6	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190006		H:\DATA<Chan>	-	-	-	Default	Default
7	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190007		H:\DATA<Chan>	-	-	-	Default	Default
8	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190008		H:\DATA<Chan>	-	-	-	Default	Default
9	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190009		H:\DATA<Chan>	-	-	-	Default	Default
10	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190010		H:\DATA<Chan>	-	-	-	Default	Default
11	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190011		H:\DATA<Chan>	-	-	-	Default	Default
12	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190012		H:\DATA<Chan>	-	-	-	Default	Default
13	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190013		H:\DATA<Chan>	-	-	-	Default	Default
14	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190014		H:\DATA<Chan>	-	-	-	Default	Default
15	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190015		H:\DATA<Chan>	-	-	-	Default	Default
16	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190016		H:\DATA<Chan>	-	-	-	Default	Default
17	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190017		H:\DATA<Chan>	-	-	-	Default	Default
18	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190018		H:\DATA<Chan>	-	-	-	Default	Default
19	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190019		H:\DATA<Chan>	-	-	-	Default	Default
20	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190020		H:\DATA<Chan>	-	-	-	Default	Default
21	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190021		H:\DATA<Chan>	-	-	-	Default	Default
22	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190022		H:\DATA<Chan>	-	-	-	Default	Default
23	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190023		H:\DATA<Chan>	-	-	-	Default	Default
24	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190024		H:\DATA<Chan>	-	-	-	Default	Default
25	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190025		H:\DATA<Chan>	-	-	-	Default	Default
26	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190026		H:\DATA<Chan>	-	-	-	Default	Default
27	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190027		H:\DATA<Chan>	-	-	-	Default	Default
28	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190028		H:\DATA<Chan>	-	-	-	Default	Default
29	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190029		H:\DATA<Chan>	-	-	-	Default	Default
30	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190030		H:\DATA<Chan>	-	-	-	Default	Default
31	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190031		H:\DATA<Chan>	-	-	-	Default	Default
32	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190032		H:\DATA<Chan>	-	-	-	Default	Default
33	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190033		H:\DATA<Chan>	-	-	-	Default	Default
34	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190034		H:\DATA<Chan>	-	-	-	Default	Default
35	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190035		H:\DATA<Chan>	-	-	-	Default	Default
36	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190036		H:\DATA<Chan>	-	-	-	Default	Default
37	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190037		H:\DATA<Chan>	-	-	-	Default	Default
38	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190038		H:\DATA<Chan>	-	-	-	Default	Default
39	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190039		H:\DATA<Chan>	-	-	-	Default	Default
40	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190040		H:\DATA<Chan>	-	-	-	Default	Default
41	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190041		H:\DATA<Chan>	-	-	-	Default	Default
42	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190042		H:\DATA<Chan>	-	-	-	Default	Default
43	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190043		H:\DATA<Chan>	-	-	-	Default	Default
44	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190044		H:\DATA<Chan>	-	-	-	Default	Default
45	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190045		H:\DATA<Chan>	-	-	-	Default	Default
46	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190046		H:\DATA<Chan>	-	-	-	Default	Default
47	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190047		H:\DATA<Chan>	-	-	-	Default	Default
48	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190048		H:\DATA<Chan>	-	-	-	Default	Default
49	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190049		H:\DATA<Chan>	-	-	-	Default	Default
50	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190050		H:\DATA<Chan>	-	-	-	Default	Default
51	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190051		H:\DATA<Chan>	-	-	-	Default	Default
52	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190052		H:\DATA<Chan>	-	-	-	Default	Default
53	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190053		H:\DATA<Chan>	-	-	-	Default	Default
54	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190054		H:\DATA<Chan>	-	-	-	Default	Default
55	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190055		H:\DATA<Chan>	-	-	-	Default	Default
56	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190056		H:\DATA<Chan>	-	-	-	Default	Default
57	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190057		H:\DATA<Chan>	-	-	-	Default	Default
58	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190058		H:\DATA<Chan>	-	-	-	Default	Default
59	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190059		H:\DATA<Chan>	-	-	-	Default	Default
60	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190060		H:\DATA<Chan>	-	-	-	Default	Default
61	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190061		H:\DATA<Chan>	-	-	-	Default	Default
62	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190062		H:\DATA<Chan>	-	-	-	Default	Default
63	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190063		H:\DATA<Chan>	-	-	-	Default	Default
64	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190064		H:\DATA<Chan>	-	-	-	Default	Default
65	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190065		H:\DATA<Chan>	-	-	-	Default	Default
66	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190066		H:\DATA<Chan>	-	-	-	Default	Default
67	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071119\200711190067		H:\DATA<Chan>	-	-	-	Default	Default

PREPARATION BENCH SHEET

7K19102

TestAmerica - Irvine, CA

Printed: 12/4/2007 3:16:25PM

Matrix: Water

Prepared using: Wet Chemistry - General Prep

(No Surrogate)

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	Spike 2	ul Spike	ul Surrogate	Initials			Extraction Comments
7K19102-BLK1		QC	11/19/07 13:33	10	10			0		0					
7K19102-BS1		QC	11/19/07 13:33	10	10		7110129	250		100					
7K19102-MS1		QC	11/19/07 13:33	10	10	IQK1075-15	7110129	250		100					
7K19102-MS2		QC	11/19/07 13:33	10	10	IQK1433-01	7110129	250		100					
7K19102-MSD1		QC	11/19/07 13:33	10	10	IQK1075-15	7110129	250		100					
7K19102-MSD2		QC	11/19/07 13:33	10	10	IQK1433-01	7110129	250		100					
IQK1075-08	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-09	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-10	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-11	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-12	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-13	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-14	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-15	E	Chlorite-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1075-15	E	Bromate-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1075-15	E	Bromide-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1075-15	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-16	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-17	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1075-21	E	Chlorate-300.1	11/19/07 13:33	10	10										

Spiking Witnessed By Date

Preparation Reviewed By 11/21/8 Date

Extracts Received By Date

359

PREPARATION BENCH SHEET

7K19102

TestAmerica - Irvine, CA

Printed: 12/4/2007 3:16:25PM

Matrix: Water **Prepared using: Wet Chemistry - General Prep** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	Spike 2	ul Spike	ul Surrogate	Initials			Extraction Comments
IQK1246-01	A	Bromide-300.1	11/19/07 13:33	10	10										TA-Irvine-ACWD
IQK1247-01	A	Bromide-300.1	11/19/07 13:33	10	10										TA-Irvine-ACWD
IQK1248-01	A	Bromide-300.1	11/19/07 13:33	10	10										TA-Irvine-ACWD
IQK1249-01	A	Bromide-300.1	11/19/07 13:33	10	10										TA-Irvine-ACWD
IQK1321-01	C	Bromate-300.1	11/19/07 13:33	10	10										
IQK1321-01	C	Chlorite-300.1	11/19/07 13:33	10	10										
IQK1345-05	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1345-06	E	Chlorate-300.1	11/19/07 13:33	10	10										
IQK1433-01	E	Bromate-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1433-01	E	Bromide-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1433-01	E	Chlorate-300.1	11/19/07 13:33	10	10										Added for BatchQC in: 7K19102
IQK1433-01	E	Chlorite-300.1	11/19/07 13:33	10	10										J flags
IQK1541-03	E	Chlorate-300.1	11/19/07 13:33	10	10										

Reagents used in Batch

Reagent	Description	Solvent

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

360

DAILY DATA CHECKLIST

EPA 300.1 – Inorganic Anions (Part B) by IC

Analyst:	KS	2nd Level Review:	ST
Analysis Date:	11/19/07	Date:	11/21/7
IC #:	7	Original Calibration date:	10/16/07
Method used:	300.1	Original Calibration file #:	IC7_0K060
QC Batches:	7K19101, 7K19102		

Analyst Rev	2nd Level Rev	
✓	✓	New sequence file created for each day of analysis
✓	✓	Daily IPC: %REC of target analytes : 85 - 115
✓	✓	Peak Gaussian Factor of Surrogate : 0.8 to 1.15
✓	✓	Surrogate Ret. Time : +/- 2% (of expected value from calibration)
✓	✓	RL (Low Cal Std) Check : 75 - 125 % recovery
✓	✓	ICB/CCB: After ICV/CCB and Not Detected
✓	✓	-CCV: Every 10 samples and at end of run.
✓	✓	%R = 85 - 115
✓	✓	Ret. Time of **ALL** peaks : < +/- 5% (of expected value from IPC)
✓	✓	MB: Every batch of 20 samples or less and Not Detected
✓	✓	< MDL unless sample conc. > 1.5 x RL and j-flagging not required
✓	✓	LCS: Every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	MS/MSD: every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	RPD: <20% (or in-house limits)
✓	✓	Surrogate: 1 ppm (1000 ppb) DCA in **ALL** samples
✓	✓	%REC = 90 – 115 (or properly qualified)
✓	✓	All samples checked for dilution factor, retention time drift, peak shape, integration, linear range, proper bracketing between compliant CCV/CCB and transcription errors.

Comments:

Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 3:33:14 PM
Reprocess Number	: ic: 153810		
Operator	: inorg	Sample Name	: IB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 3:13:00 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071119\200711190001.raw
Result File : H:\DATA\IC7\20071119\200711190001.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.48	2517.60	-0.1457	-0.1457	*
DCA	12.40	0.00	0.0000	0.0000	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		2517.60	-0.1457	-0.1457	

* Warning -- uncalibrated levels encountered

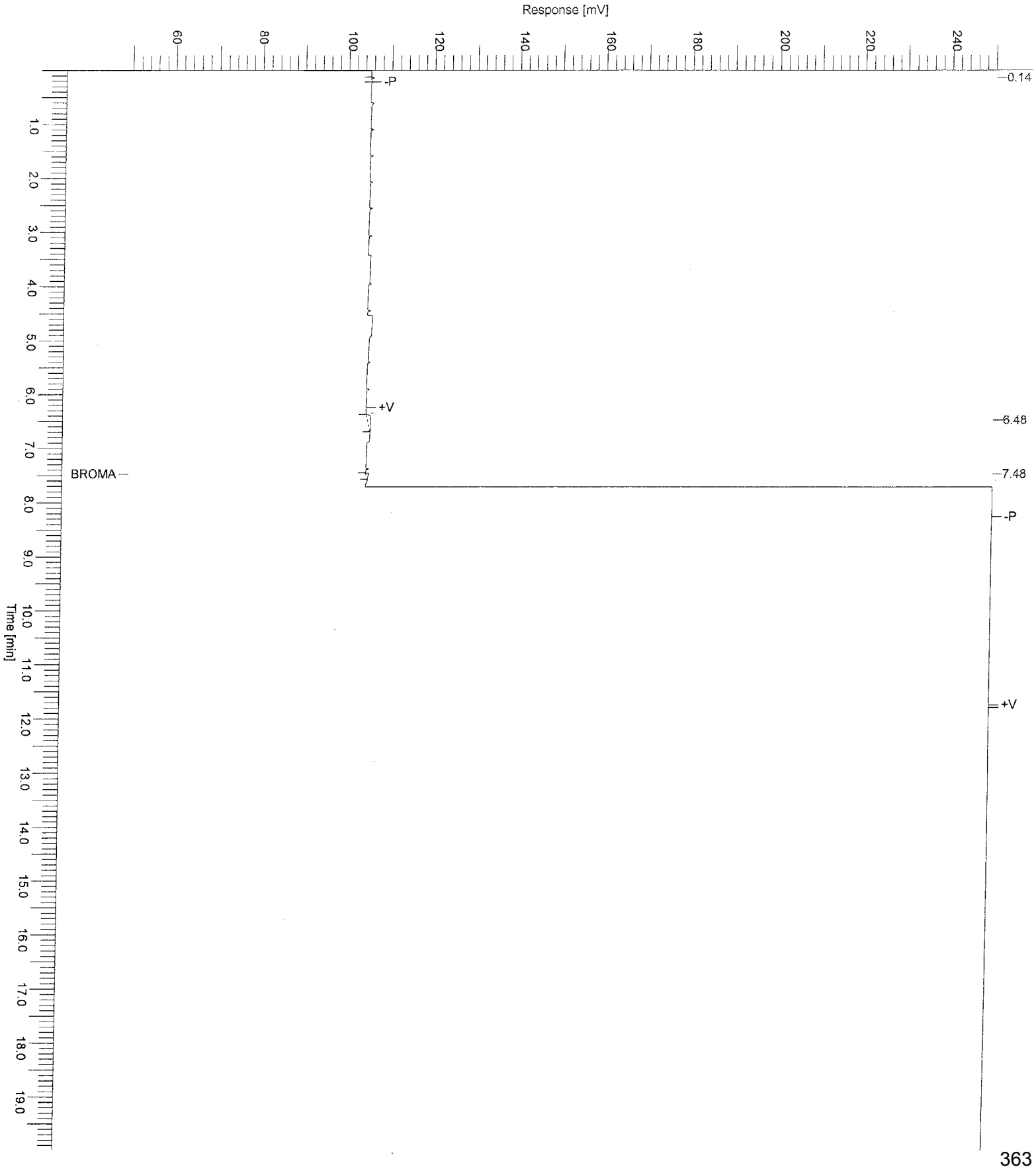
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
DCA	12.405
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190001.TX0

Chromatogram

Sample Name : IB Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190001.raw
Date : 11/19/2007 3:33:15 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 3:13:00 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 4:24:10 PM
Reprocess Number	: ic: 153819		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K19101	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 4:03:56 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071119\200711190002.raw
Result File : H:\DATA\IC7\20071119\200711190002.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.69	475019.90	19.7015	19.7015	*
BROMATE	7.50	65153.00	4.8814	4.8814	*
DCA	12.26	1.26e+07	1.0300	1.0300	
BROMIDE	13.38	1109422.50	48.0107	48.0107	*
CHLORATE	14.68	391166.80	18.7942	18.7942	*
		1.46e+07	92.4178	92.4178	

* Warning -- uncalibrated levels encountered

Missing Component Report

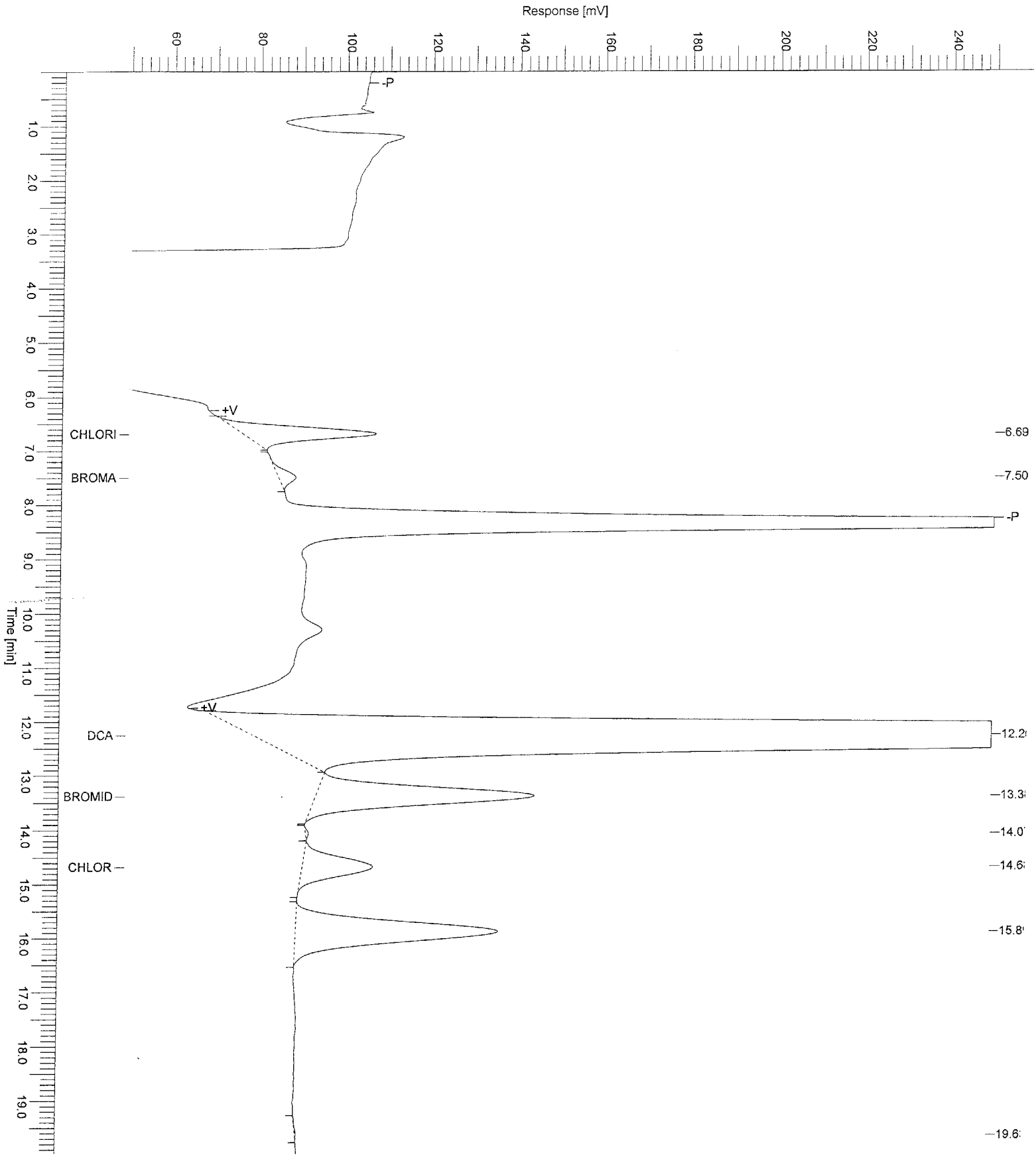
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190002.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190002.raw
Date : 11/19/2007 4:24:11 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 4:03:56 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 5:15:08 PM
Reprocess Number	: ic: 153830		
Operator	: inorg	Sample Name	: 7K19101-BS1
Sample Number	: 7K19101	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 4:54:55 PM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071119\200711190003.raw
Result File : H:\DATA\IC7\20071119\200711190003.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2695133.50	102.9956	102.9956	*
BROMATE	7.49	339735.80	26.9192	26.9192	*
DCA	12.27	1.30e+07	1.0650	1.0650	
BROMIDE	13.36	6524350.60	258.0942	258.0942	*
CHLORATE	14.67	2360425.60	104.1393	104.1393	*
		2.49e+07	493.2134	493.2134	

* Warning -- uncalibrated levels encountered

Missing Component Report

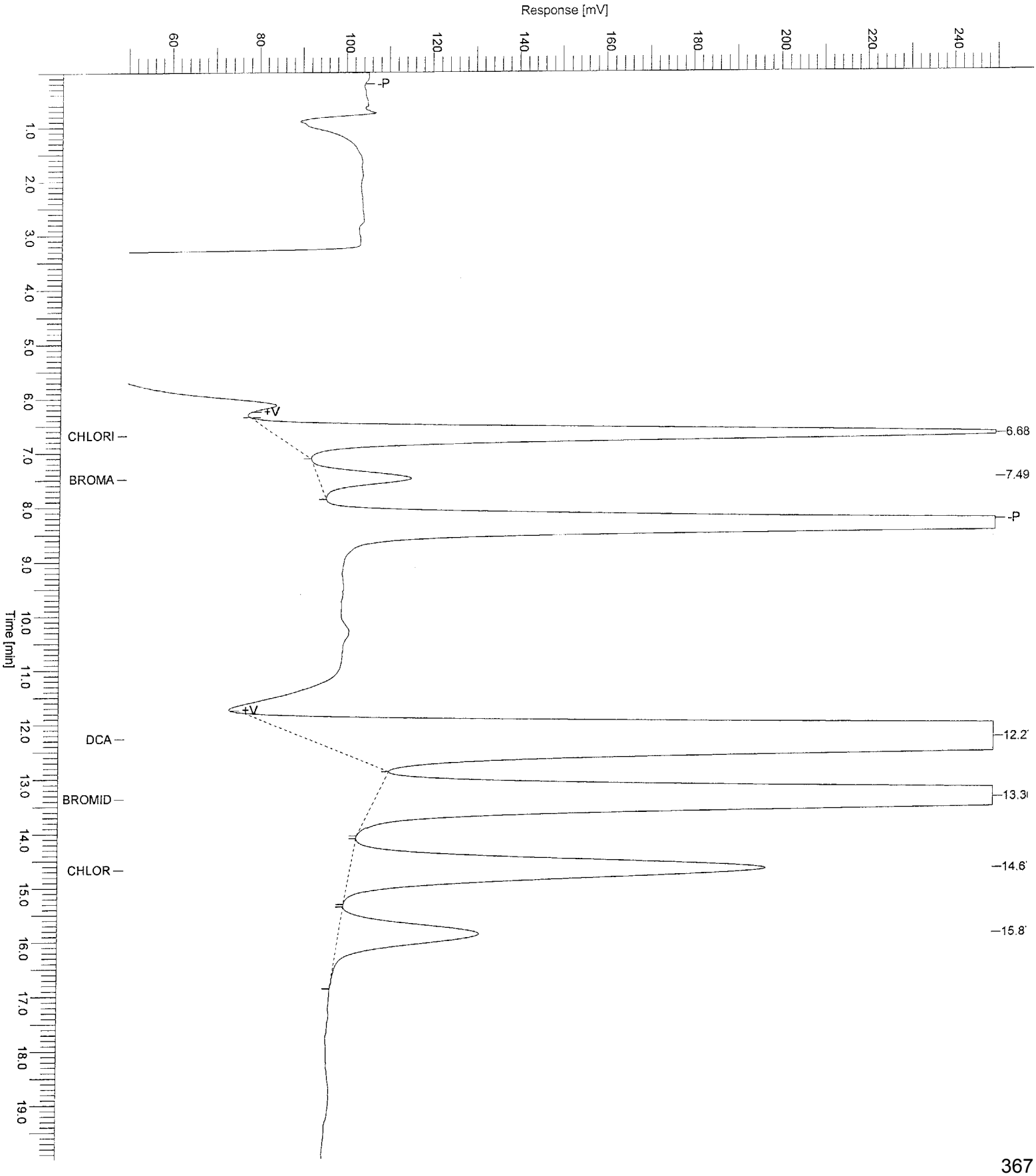
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190003.TX0

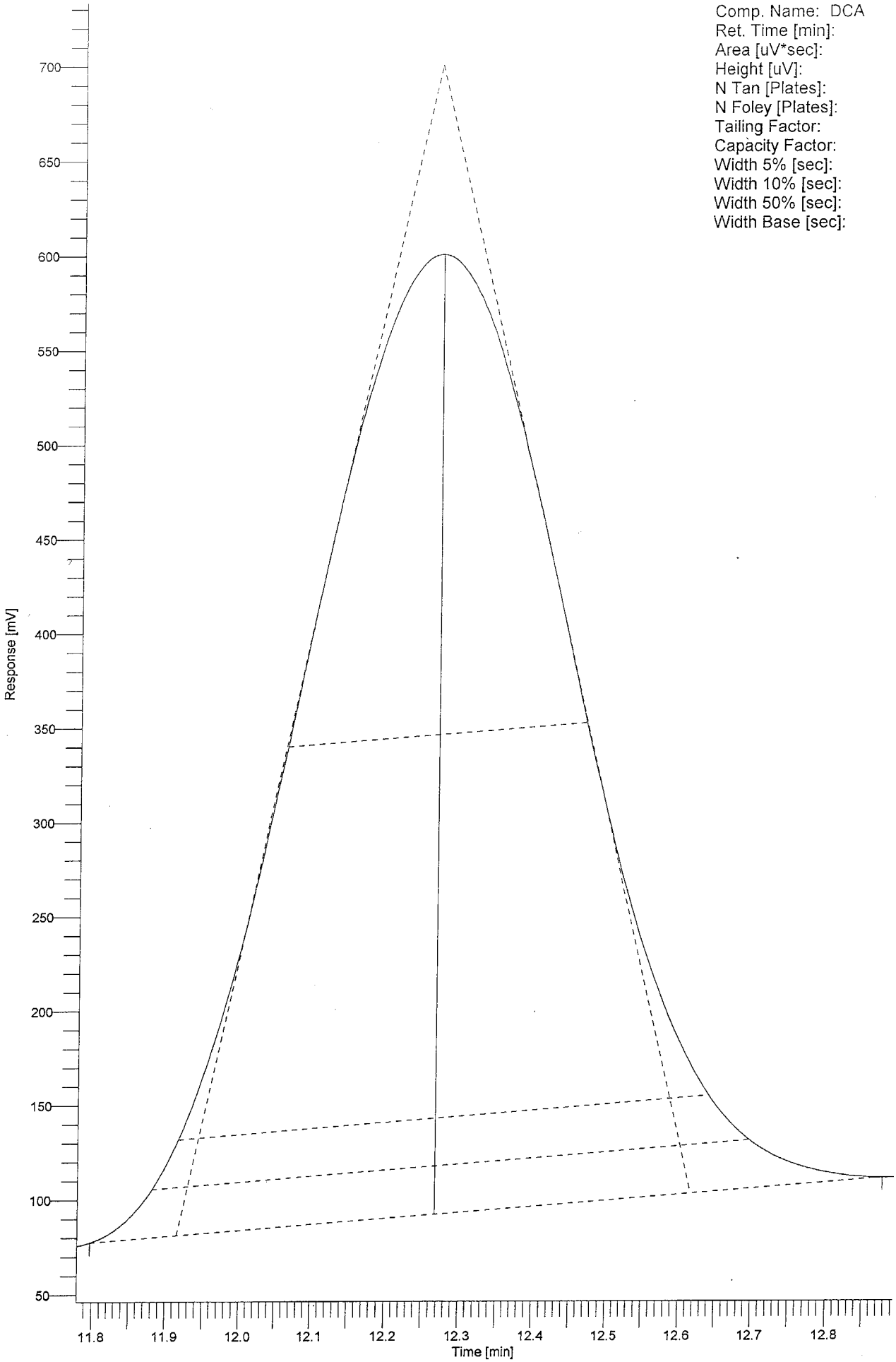
Chromatogram

Sample Name : 7K19101-BS1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190003.raw
Date : 11/19/2007 5:15:09 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 4:54:55 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Filename: H:\DATA\IC7\20071119\200711190003.rst
Sample: 7K19101-BS1
Instrument: ICDNX7 Operator: inorg Date: 11/27/2007 11:07:46 AM

Comp. Name:	DCA
Ret. Time [min]:	12.27
Area [uV*sec]:	13012226.40
Height [uV]:	508494.09
N Tan [Plates]:	4891.75
N Foley [Plates]:	5157.57
Tailing Factor:	1.03
Capacity Factor:	N/A
Width 5% [sec]:	48.99
Width 10% [sec]:	43.45
Width 50% [sec]:	24.33
Width Base [sec]:	42.09



********** PGF Report **********

File Name	Sample Name	Time [min.]	Delta RT %	PGF 0.80-1.15	DCA Area [µV·s]	Height [µV]	Area/Height [s]
200711190003.rst	7K19101-BS1	12.27	-1.1126	1.0246	13012226.40	508494.09	25.5897

Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 6:06:10 PM
Reprocess Number	: ic: 153841		
Operator	: inorg	Sample Name	: 7K19101-BLK1
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 5:45:53 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071119\200711190004.raw
Result File : H:\DATA\IC7\20071119\200711190004.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.26	1.29e+07	1.0519	1.0519	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.29e+07	1.0519	1.0519	

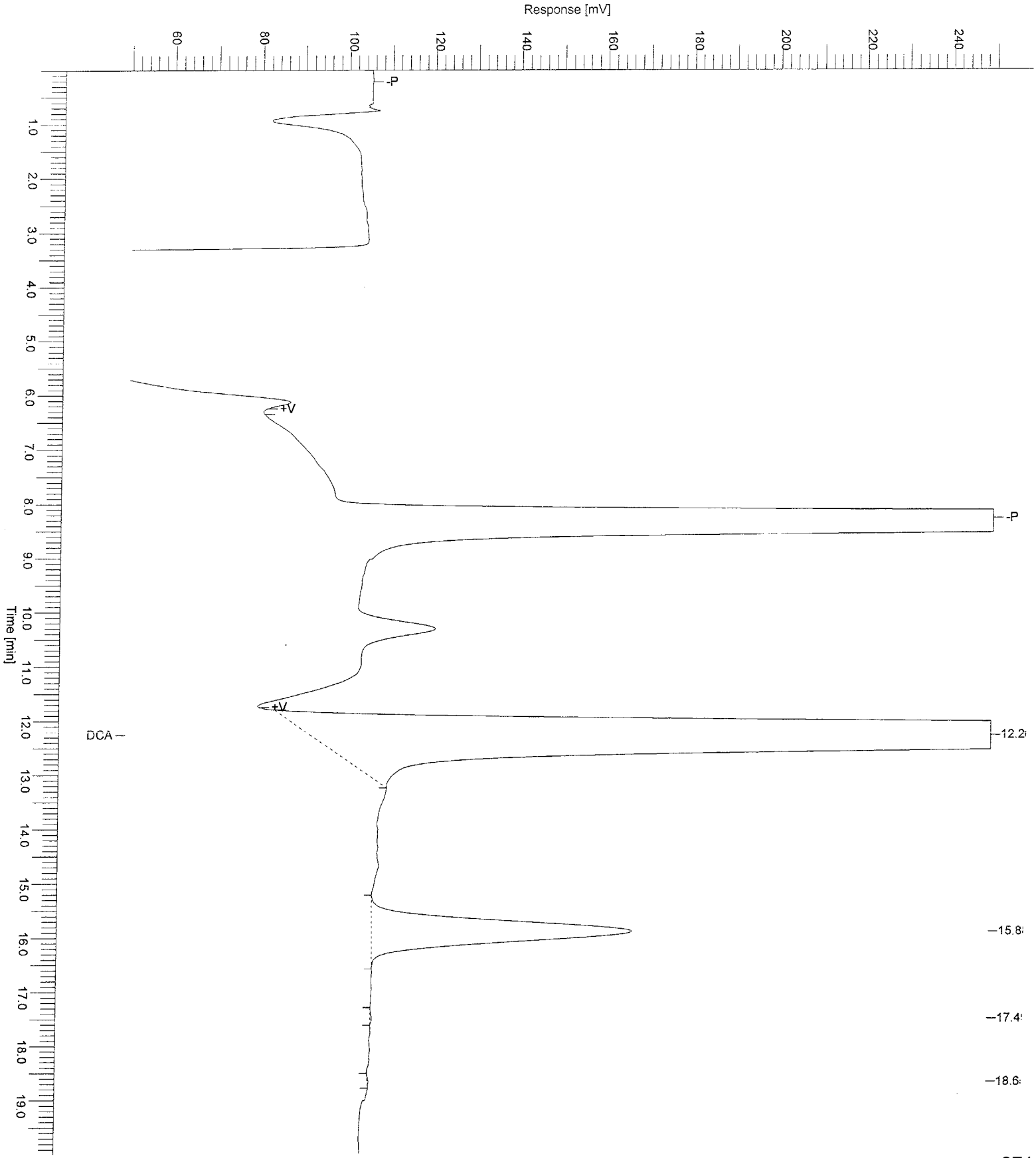
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190004.TX0

Chromatogram

Sample Name : 7K19101-BLK1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190004.raw
Date : 11/19/2007 6:06:11 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 5:45:53 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 7:48:05 PM
Reprocess Number	: ic: 153859		
Operator	: inorg	Sample Name	: 7K19102-BS1
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 7:27:52 PM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071119\200711190006.raw
Result File : H:\DATA\IC7\20071119\200711190006.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190006.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190006.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190006.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2522346.20	96.5130	96.5130	*
BROMATE	7.49	313875.40	24.8437	24.8437	*
DCA	12.31	1.23e+07	1.0093	1.0093	
BROMIDE	13.45	6165447.00	244.1698	244.1698	*
CHLORATE	14.75	2198192.20	97.1083	97.1083	*
		2.35e+07	463.6441	463.6441	

* Warning -- uncalibrated levels encountered

Missing Component Report

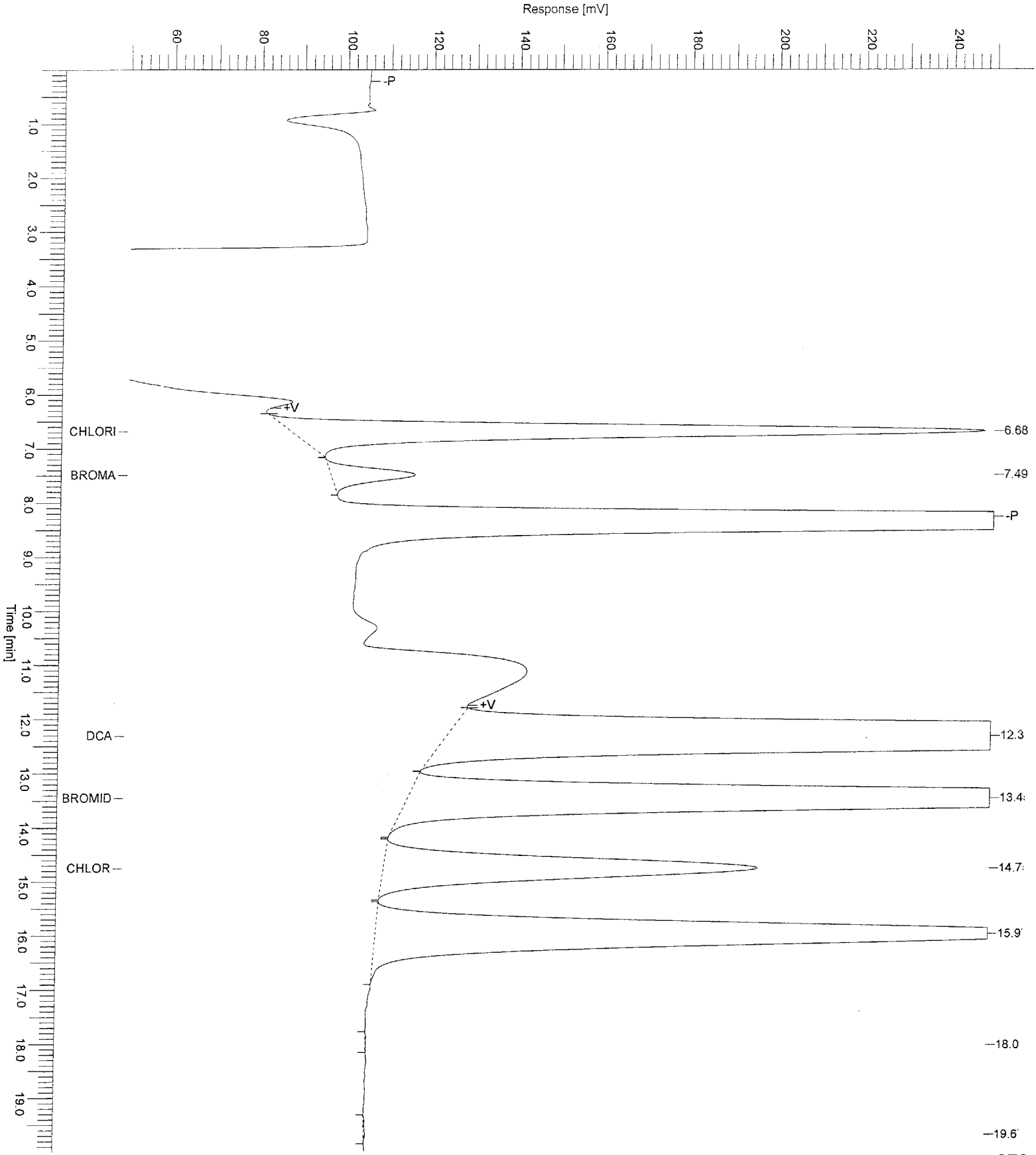
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190006.TX0

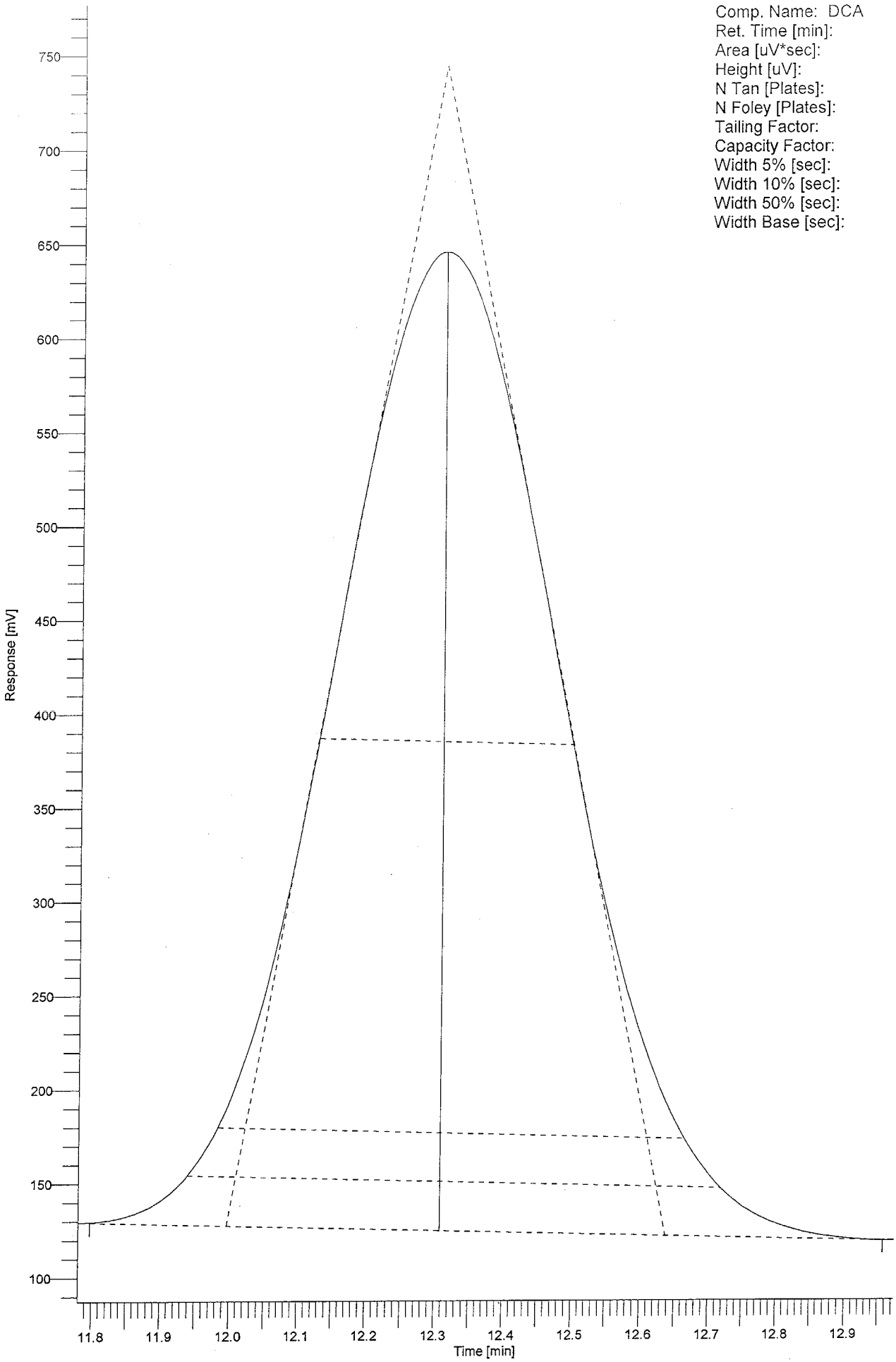
Chromatogram

Sample Name : 7K19102-BS1 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190006.raw
Date : 11/19/2007 7:48:06 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 7:27:52 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Filename: H:\DATA\IC7\20071119\200711190006.rst
Sample: 7K19102-BS1
Instrument: ICDNX7 Operator: inorg Date: 11/27/2007 11:08:07 AM

Comp. Name:	DCA
Ret. Time [min]:	12.31
Area [uV*sec]:	12331832.60
Height [uV]:	520879.82
N Tan [Plates]:	5904.00
N Foley [Plates]:	5826.36
Tailing Factor:	1.04
Capacity Factor:	N/A
Width 5% [sec]:	46.69
Width 10% [sec]:	40.85
Width 50% [sec]:	22.17
Width Base [sec]:	38.44



********** PGF Report **********

File Name	Sample Name	Time [min.]	Delta RT %	PGF 0.80-1.15	DCA Area [µV·s]	Height [µV]	Area/Height [s]
200711190006.rst	7K19102-BS1	12.31	-0.7766	0.9932	12331832.60	520879.82	23.6750

Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 8:39:03 PM
Reprocess Number	: ic: 153869		
Operator	: inorg	Sample Name	: 7K19102-BLK1
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 8:18:51 PM	Cycle	: 7

Raw Data File : H:\DATA\IC7\20071119\200711190007.raw
Result File : H:\DATA\IC7\20071119\200711190007.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190007.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190007.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190007.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.35	1.26e+07	1.0337	1.0337	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.26e+07	1.0337	1.0337	

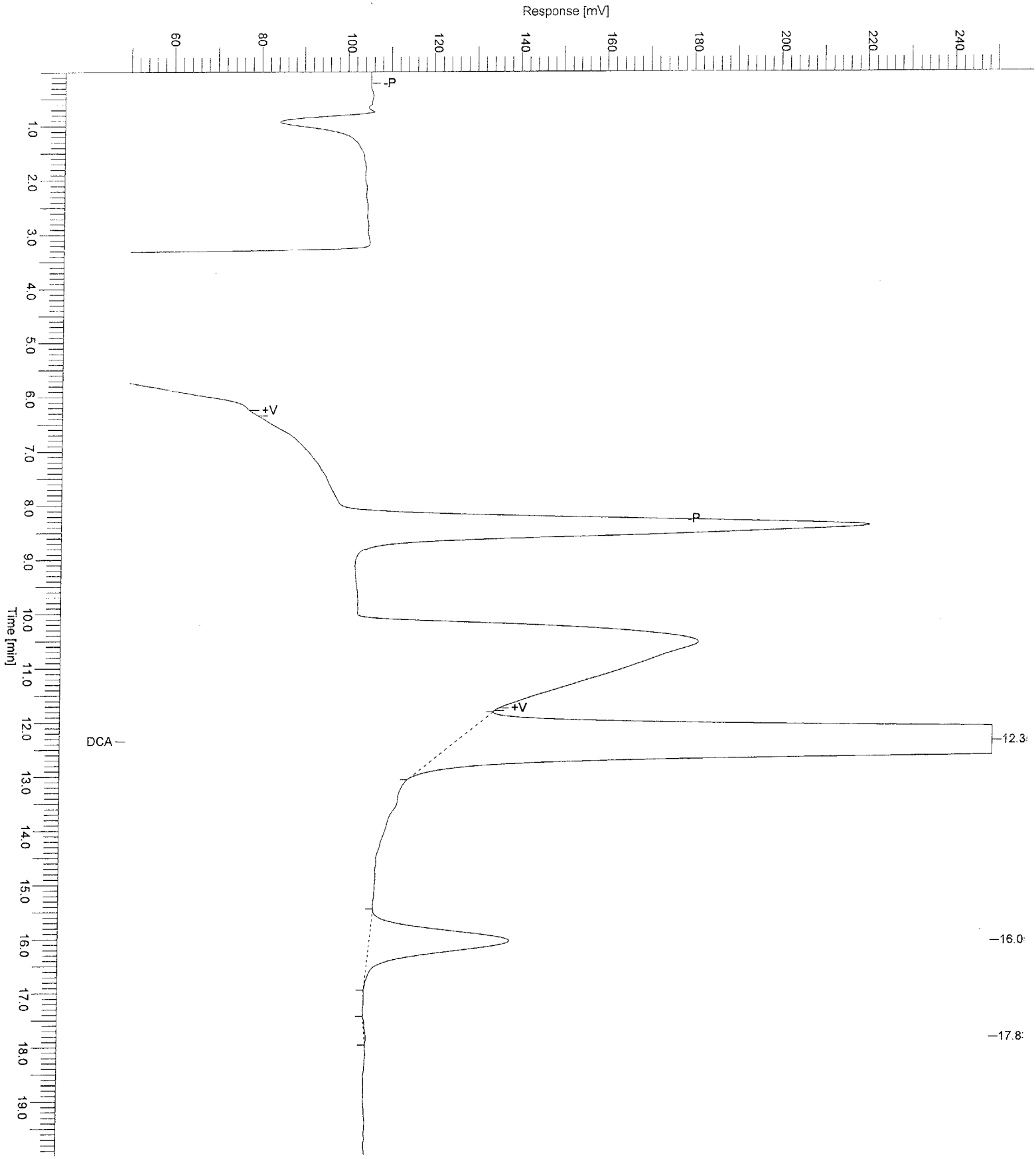
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190007.TX0

Chromatogram

Sample Name : 7K19102-BLK1 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190007.raw
Date : 11/19/2007 8:39:04 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 8:18:51 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 3:58:47 AM
Reprocess Number	: ic: 153918		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 3:38:32 AM	Cycle	: 15

Raw Data File : H:\DATA\IC7\20071119\200711190015.raw
Result File : H:\DATA\IC7\20071119\200711190015.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.70	2597386.90	99.3284	99.3284	*
BROMATE	7.51	321459.40	25.4524	25.4524	*
DCA	12.25	1.26e+07	1.0306	1.0306	
BROMIDE	13.54	6482044.80	256.4529	256.4529	*
CHLORATE	14.83	2262569.20	99.8983	99.8983	*
		2.43e+07	482.1626	482.1626	

* Warning -- uncalibrated levels encountered

Missing Component Report

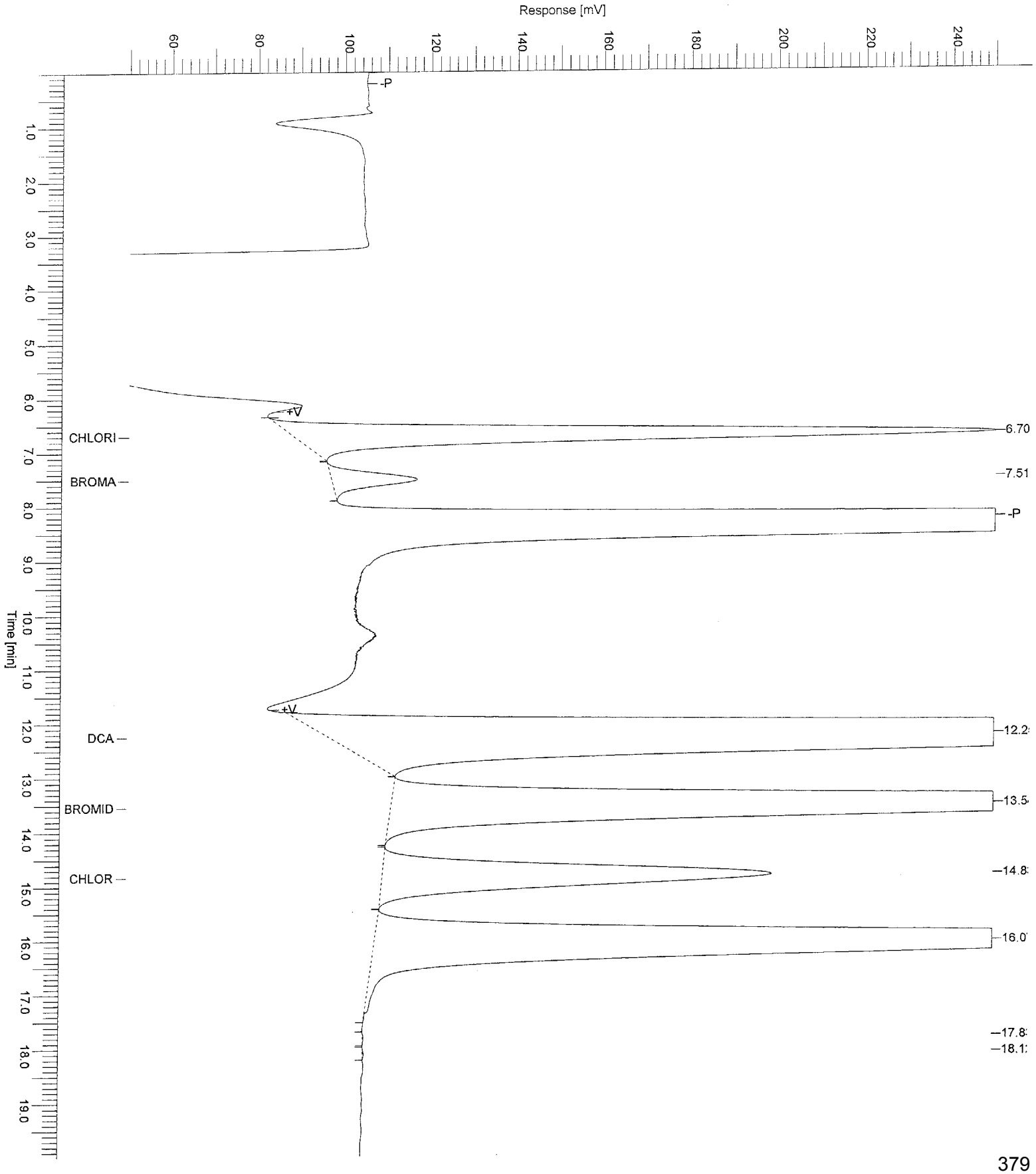
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190015.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19102
FileName : H:\DATA\IC7\20071119\200711190015.raw
Date : 11/20/2007 3:58:48 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 3:38:32 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 4:49:49 AM
Reprocess Number	: ic: 153923		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 4:29:34 AM	Cycle	: 16

Raw Data File : H:\DATA\IC7\20071119\200711190016.raw
Result File : H:\DATA\IC7\20071119\200711190016.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.25	1.31e+07	1.0686	1.0686	
BROMIDE	13.47	23839.20	5.8932	5.8932	*
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.31e+07	6.9618	6.9618	

* Warning -- uncalibrated levels encountered

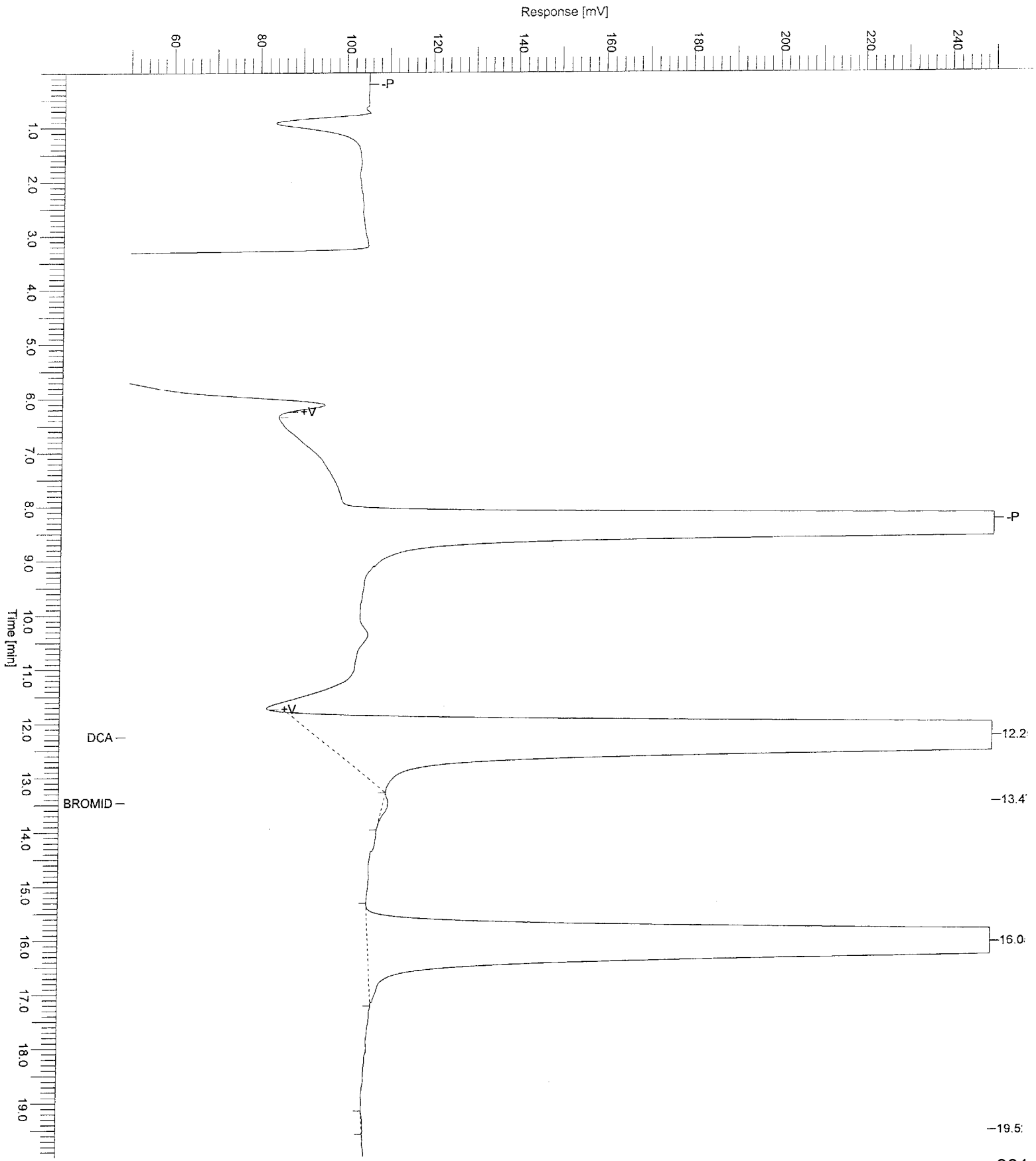
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190016.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190016.raw
Date : 11/20/2007 4:49:50 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 4:29:34 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 6:31:48 AM
Reprocess Number	: ic: 153938		
Operator	: inorg	Sample Name	: IQK1075-15
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 6:11:28 AM	Cycle	: 18

Raw Data File : H:\DATA\IC7\20071119\200711190018.raw
Result File : H:\DATA\IC7\20071119\200711190018.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190018.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190018.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190018.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.31	1.15e+07	0.9433	0.9433	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.15e+07	0.9433	0.9433	

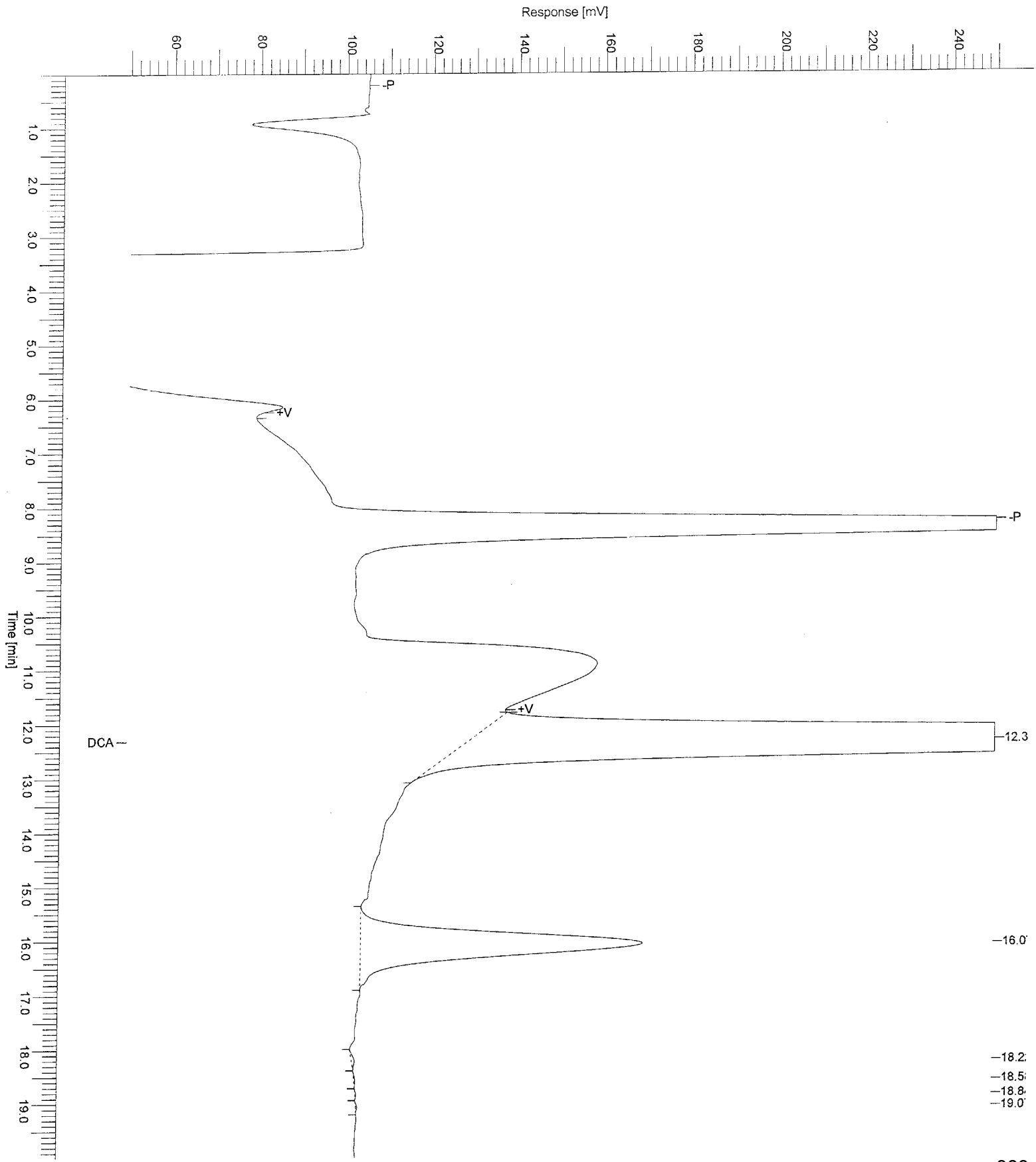
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190018.TX0

Chromatogram

Sample Name : IQK1075-15 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190018.raw
Date : 11/20/2007 6:31:49 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 6:11:28 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 7:22:40 AM
Reprocess Number	: ic: 153945		
Operator	: inorg	Sample Name	: 7K19102-MS1
Sample Number	: 7K19102	Study	: IQK1075-15
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 7:02:27 AM	Cycle	: 19

Raw Data File : H:\DATA\IC7\20071119\200711190019.raw
Result File : H:\DATA\IC7\20071119\200711190019.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190019.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190019.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190019.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.71	2684220.70	102.5862	102.5862	*
BROMATE	7.53	328113.20	25.9864	25.9864	*
DCA	12.30	1.18e+07	0.9642	0.9642	
BROMIDE	13.55	6695781.30	264.7452	264.7452	*
CHLORATE	14.84	2353201.50	103.8262	103.8262	*
		2.38e+07	498.1083	498.1083	

* Warning -- uncalibrated levels encountered

Missing Component Report

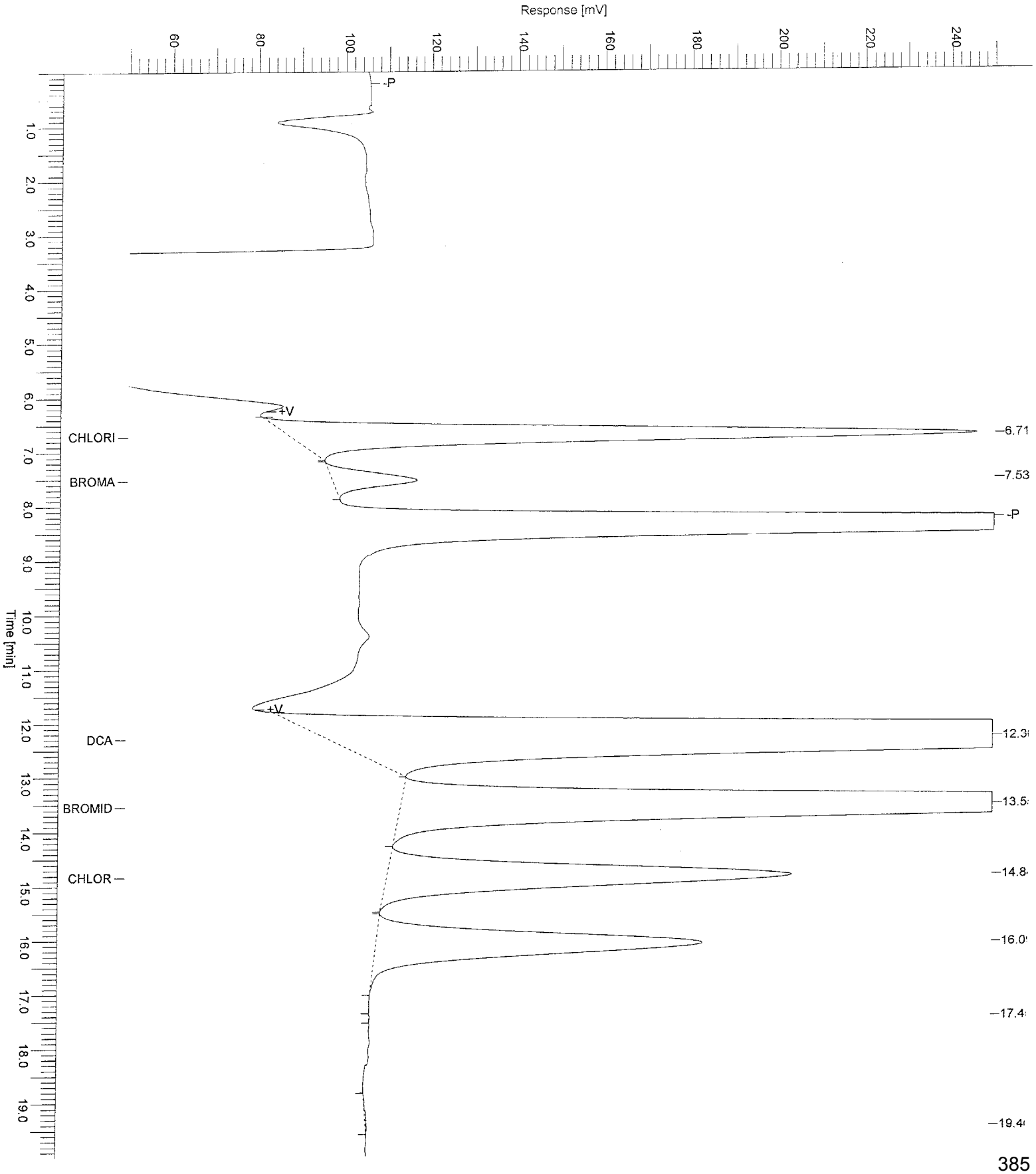
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190019.TX0

Chromatogram

Sample Name : 7K19102-MS1 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190019.raw
Date : 11/20/2007 7:22:41 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 7:02:27 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 8:13:42 AM
Reprocess Number	: ic: 153955		
Operator	: inorg	Sample Name	: 7K1902-MSD1
Sample Number	: 7K19102	Study	: IQK1075-15
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 7:53:26 AM	Cycle	: 20

Raw Data File : H:\DATA\IC7\20071119\200711190020.raw
Result File : H:\DATA\IC7\20071119\200711190020.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190020.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190020.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190020.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.72	2683976.30	102.5770	102.5770	*
BROMATE	7.54	341691.60	27.0762	27.0762	*
DCA	12.29	1.18e+07	0.9636	0.9636	
BROMIDE	13.56	6687826.80	264.4366	264.4366	*
CHLORATE	14.84	2355486.30	103.9252	103.9252	*
		2.38e+07	498.9787	498.9787	

* Warning -- uncalibrated levels encountered

Missing Component Report

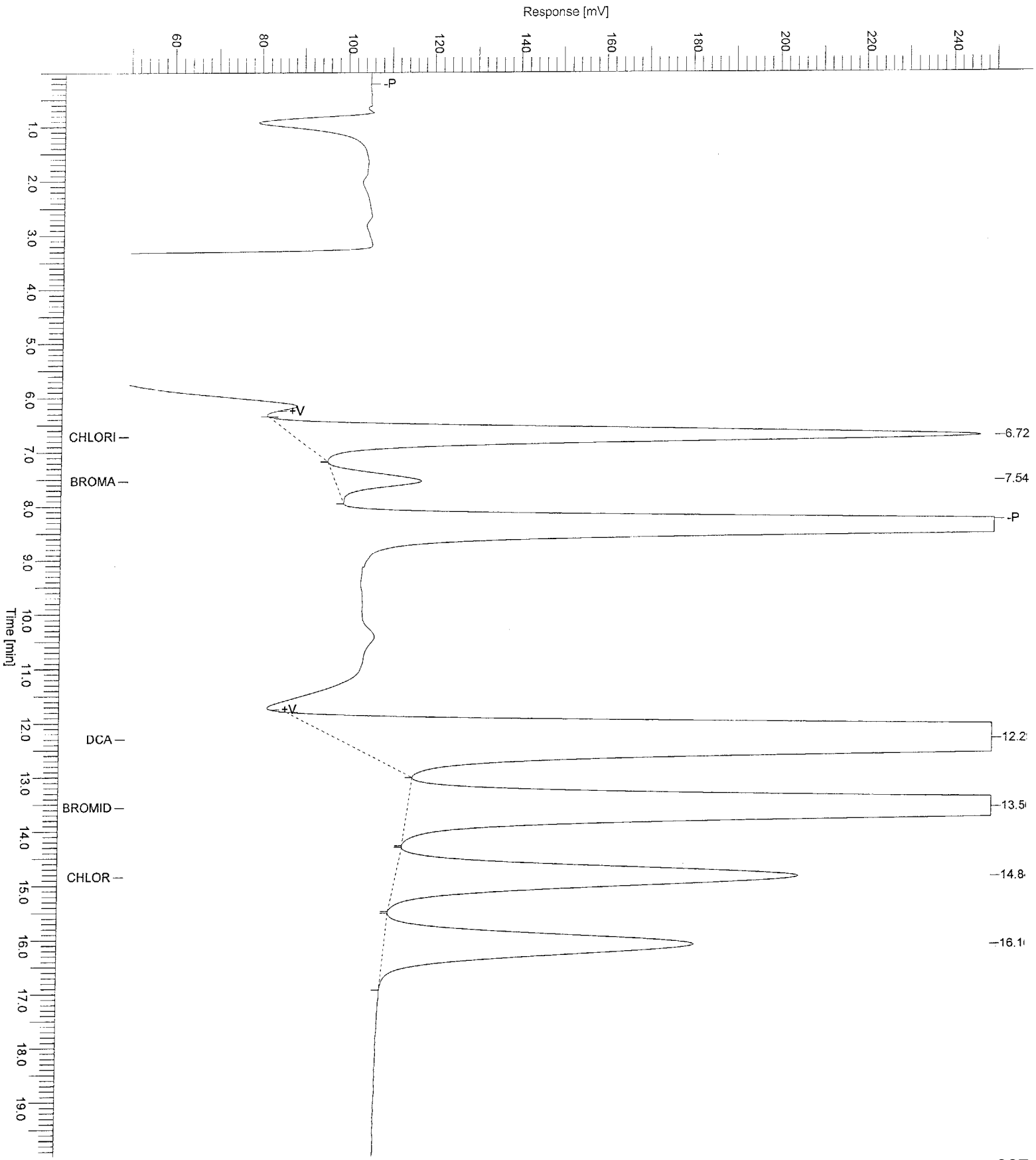
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190020.TX0

Chromatogram

Sample Name : 7K1902-MSD1 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190020.raw
Date : 11/20/2007 8:13:43 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 7:53:26 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 2:10:40 PM
Reprocess Number	: ic: 154022		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 1:50:22 PM	Cycle	: 27

Raw Data File : H:\DATA\IC7\20071119\200711190027.raw
Result File : H:\DATA\IC7\20071119\200711190027.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2585932.20	98.8986	98.8986	*
BROMATE	7.48	321978.20	25.4940	25.4940	*
DCA	12.26	1.24e+07	1.0184	1.0184	
BROMIDE	13.33	6234898.00	246.8643	246.8643	*
CHLORATE	14.64	2231728.40	98.5617	98.5617	*
		2.38e+07	470.8371	470.8371	

* Warning -- uncalibrated levels encountered

Missing Component Report

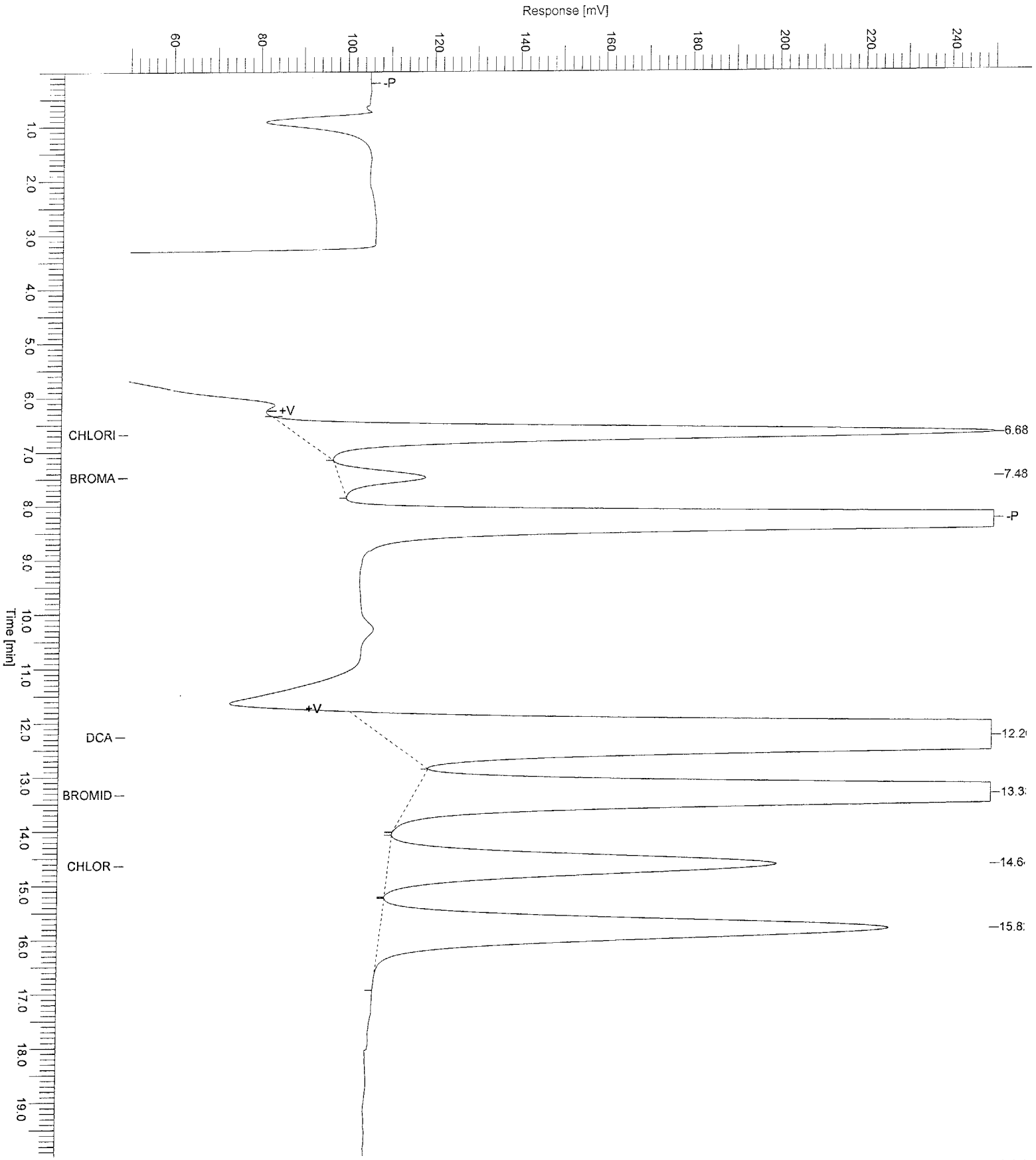
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190027.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190027.raw
Date : 11/20/2007 2:10:41 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 1:50:22 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 3:01:34 PM
Reprocess Number	: ic: 154029		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 2:41:21 PM	Cycle	: 28

Raw Data File : H:\DATA\IC7\20071119\200711190028.raw
Result File : H:\DATA\IC7\20071119\200711190028.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.26	1.29e+07	1.0564	1.0564	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.29e+07	1.0564	1.0564	

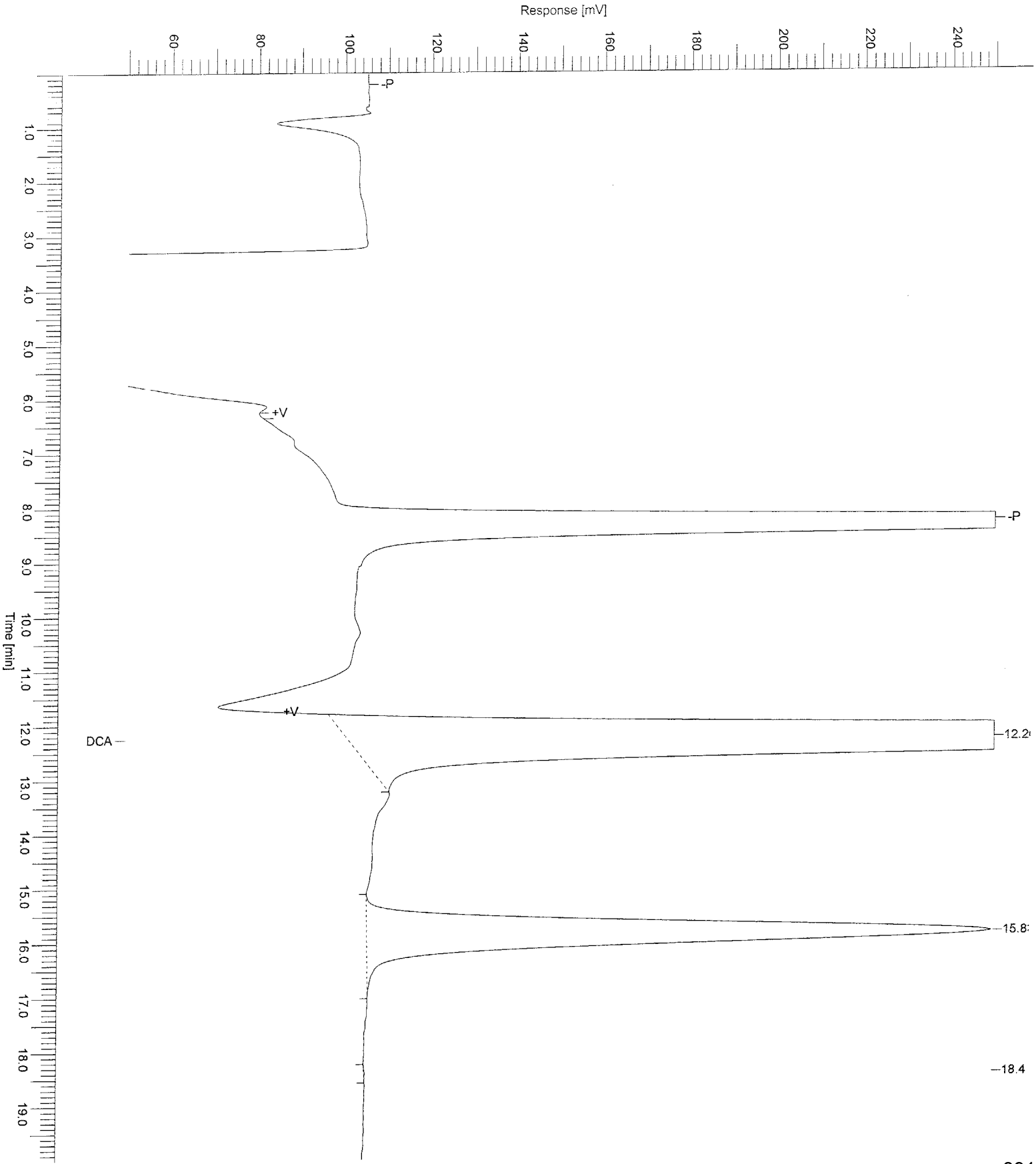
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190028.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19101
FileName : H:\DATA\IC7\20071119\200711190028.raw
Date : 11/20/2007 3:01:35 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 2:41:21 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 12:22:23 AM
Reprocess Number	: ic: 154143		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 12:02:06 AM	Cycle	: 39

Raw Data File : H:\DATA\IC7\20071119\200711190039.raw
Result File : H:\DATA\IC7\20071119\200711190039.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.69	2532829.70	96.9063	96.9063	*
BROMATE	7.49	311789.60	24.6763	24.6763	*
DCA	12.23	1.25e+07	1.0217	1.0217	
BROMIDE	13.45	6307652.00	249.6870	249.6870	*
CHLORATE	14.73	2207585.80	97.5154	97.5154	*
		2.38e+07	469.8066	469.8066	

* Warning -- uncalibrated levels encountered

Missing Component Report

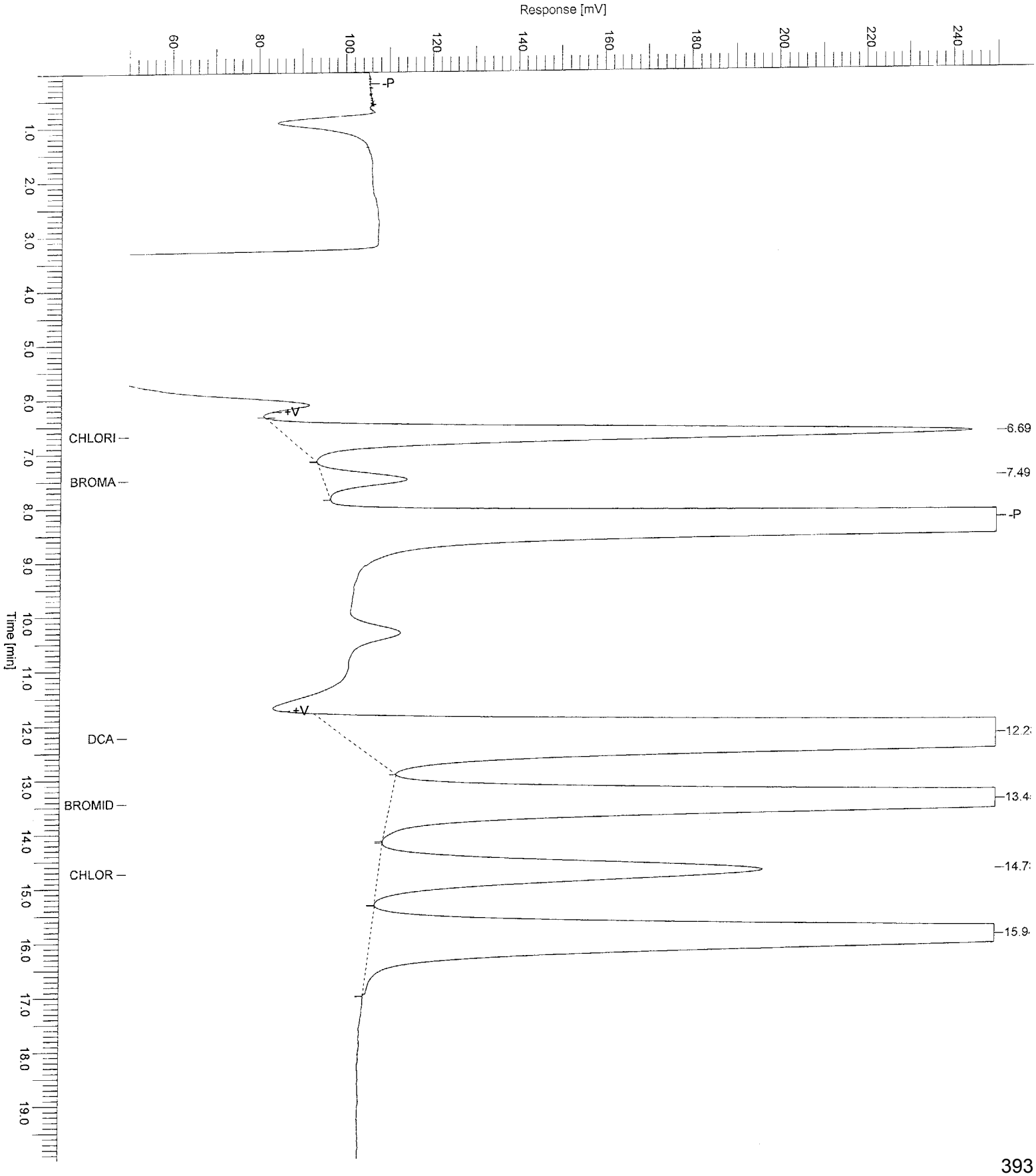
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190039.TX0

Chromatogram

Sample Name : CCV
Sample #: 7K19102
Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190039.raw
Date : 11/21/2007 12:22:24 AM
Method : ic7qk06a.mth
Time of Injection: 11/21/2007 12:02:06 AM
Start Time : 0.00 min
End Time : 20.00 min
Low Point : 50.00 mV
High Point : 250.00 mV
Plot Offset: 50.00 mV
Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 1:13:18 AM
Reprocess Number	: ic: 154151		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 12:53:06 AM	Cycle	: 40

Raw Data File : H:\DATA\IC7\20071119\200711190040.raw
Result File : H:\DATA\IC7\20071119\200711190040.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.23e+07	1.0075	1.0075	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.45	1882.00	1.9231	1.9231	*
		1.23e+07	2.9306	2.9306	

* Warning -- uncalibrated levels encountered

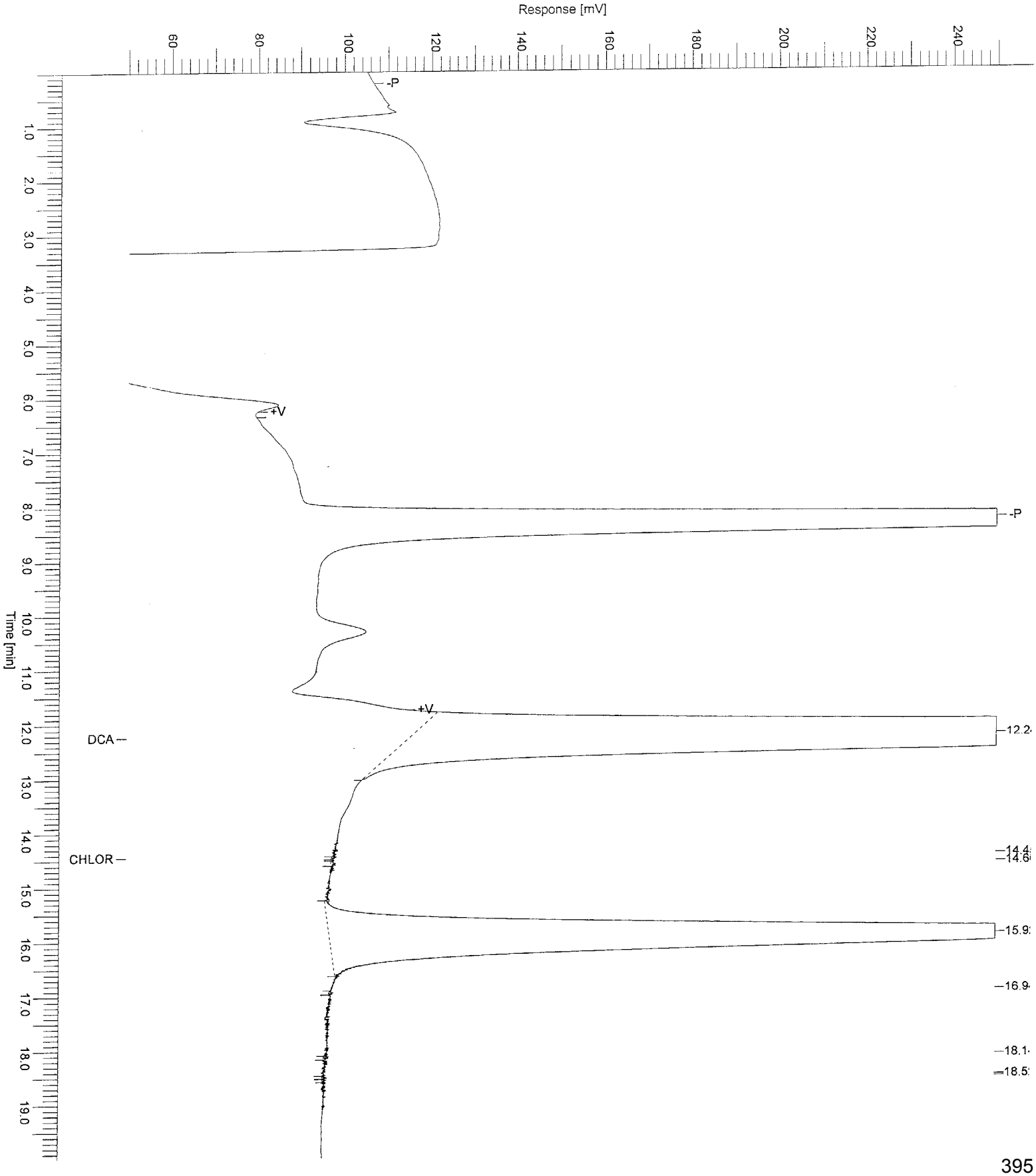
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190040.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102
FileName : H:\DATA\IC7\20071119\200711190040.raw
Date : 11/21/2007 1:13:19 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 12:53:06 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 8:01:12 AM
Reprocess Number	: ic: 154205		
Operator	: inorg	Sample Name	: IQK1433-01
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 7:40:58 AM	Cycle	: 48

Raw Data File : H:\DATA\IC7\20071119\200711190048.raw
Result File : H:\DATA\IC7\20071119\200711190048.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190048.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190048.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190048.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.12e+07	0.9143	0.9143	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.73	11553.80	2.3423	2.3423	*
		1.12e+07	3.2566	3.2566	

* Warning -- uncalibrated levels encountered

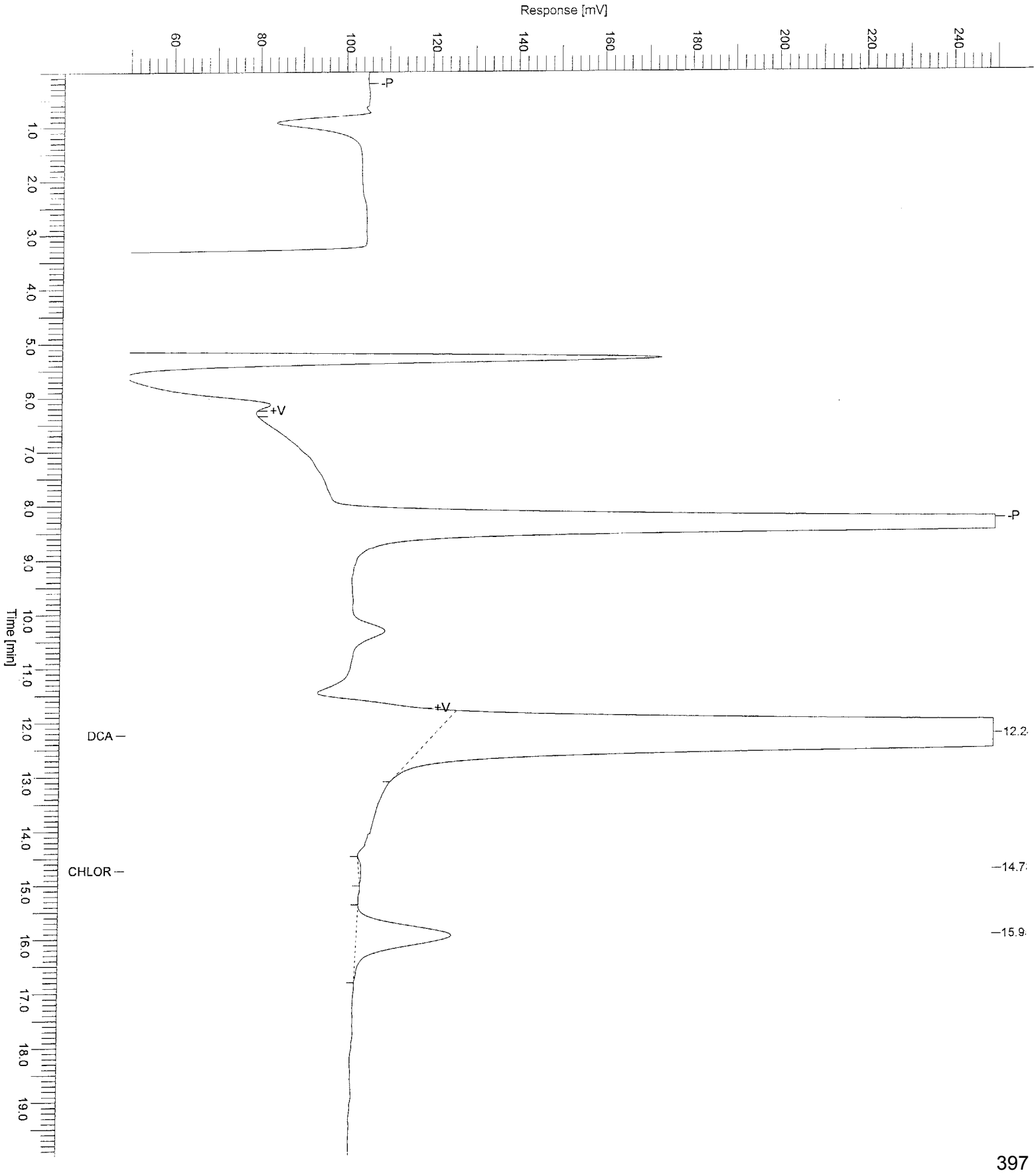
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190048.TX0

Chromatogram

Sample Name : IQK1433-01 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190048.raw
Date : 11/21/2007 8:01:13 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 7:40:58 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 10:34:10 AM
Reprocess Number	: ic: 154224		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 10:13:55 AM	Cycle	: 51

Raw Data File : H:\DATA\IC7\20071119\200711190051.raw
Result File : H:\DATA\IC7\20071119\200711190051.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.67	2538473.80	97.1181	97.1181	*
BROMATE	7.47	312451.00	24.7294	24.7294	*
DCA	12.22	1.20e+07	0.9814	0.9814	
BROMIDE	13.31	6153619.90	243.7109	243.7109	*
CHLORATE	14.60	2186650.90	96.6081	96.6081	*
		2.32e+07	463.1479	463.1479	

* Warning -- uncalibrated levels encountered

Missing Component Report

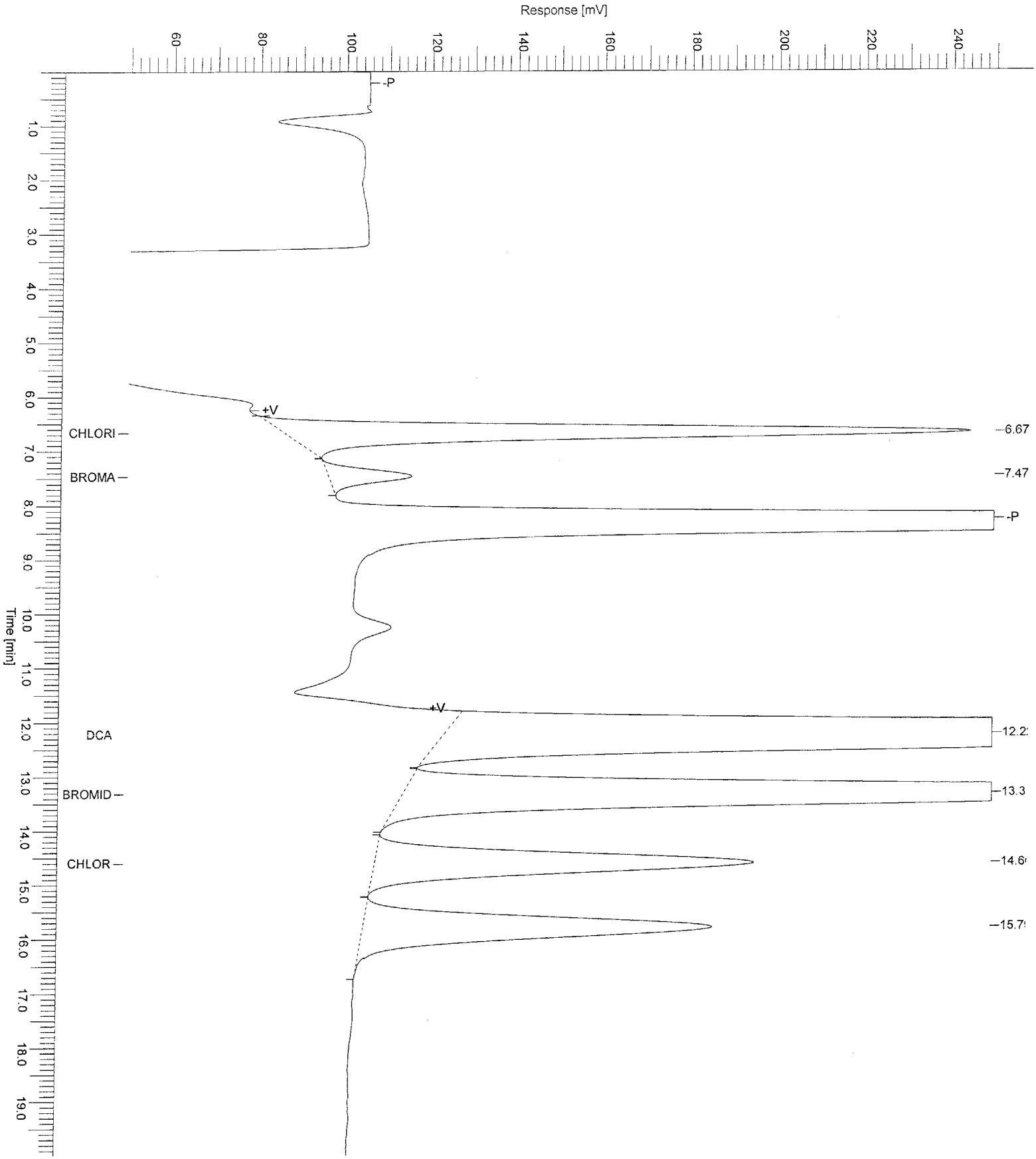
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190051.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190051.raw
Date : 11/21/2007 10:34:11 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 10:13:55 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 11:25:08 AM
Reprocess Number	: ic: 154235		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 11:04:54 AM	Cycle	: 52

Raw Data File : H:\DATA\IC7\20071119\200711190052.raw
Result File : H:\DATA\IC7\20071119\200711190052.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.22e+07	0.9987	0.9987	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.22e+07	0.9987	0.9987	

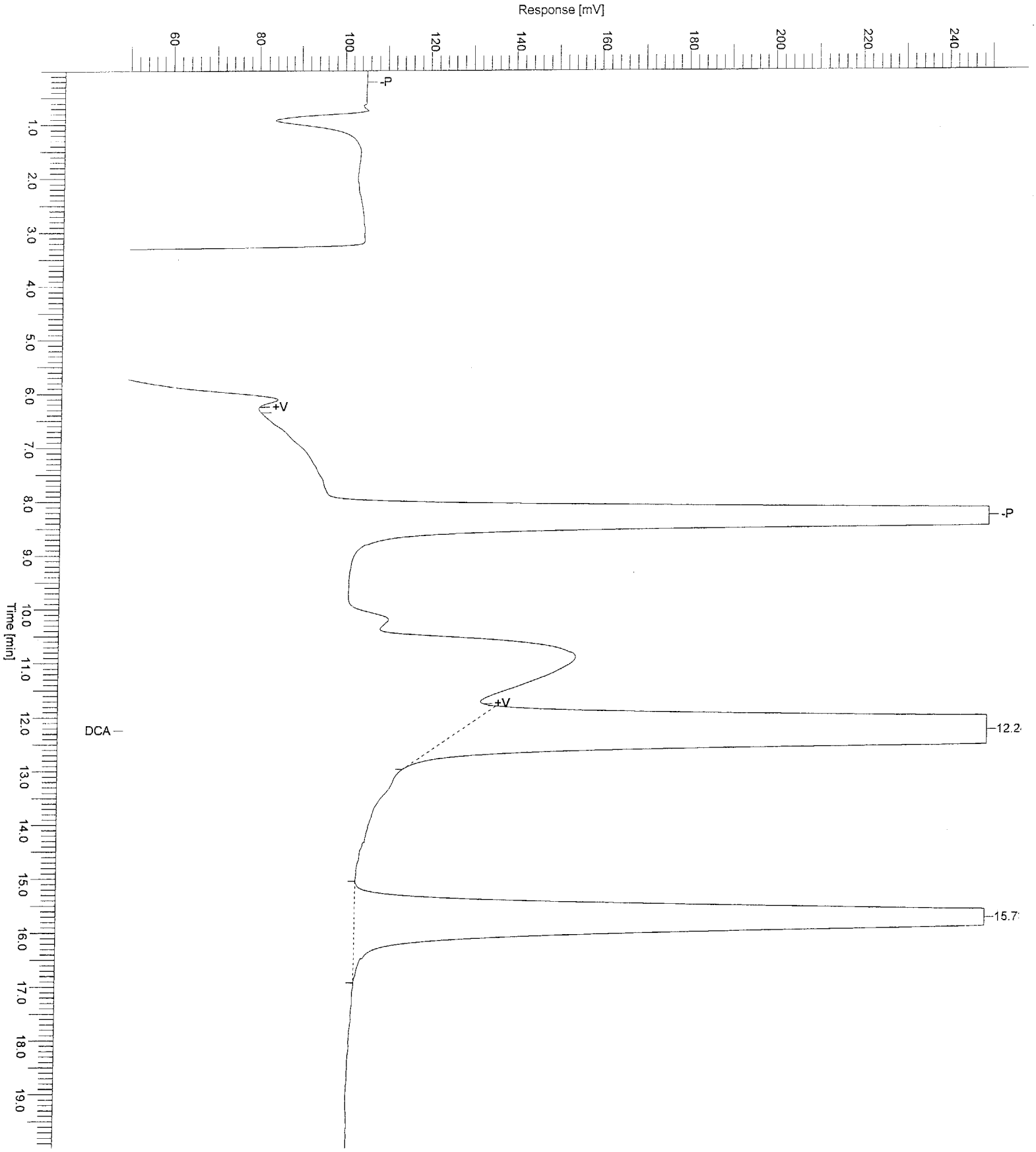
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190052.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190052.raw
Date : 11/21/2007 11:25:09 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 11:04:54 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 12:16:10 PM
Reprocess Number	: ic: 154245		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 11:55:50 AM	Cycle	: 53

Raw Data File : H:\DATA\IC7\20071119\200711190053.raw
Result File : H:\DATA\IC7\20071119\200711190053.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190053.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190053.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190053.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.66	476724.40	19.7655	19.7655	*
BROMATE	7.47	60022.00	4.4696	4.4696	*
DCA	12.25	1.22e+07	0.9962	0.9962	
BROMIDE	13.27	1015691.60	44.3742	44.3742	*
CHLORATE	14.56	411879.10	19.6919	19.6919	*
		1.41e+07	89.2973	89.2973	

* Warning -- uncalibrated levels encountered

Missing Component Report

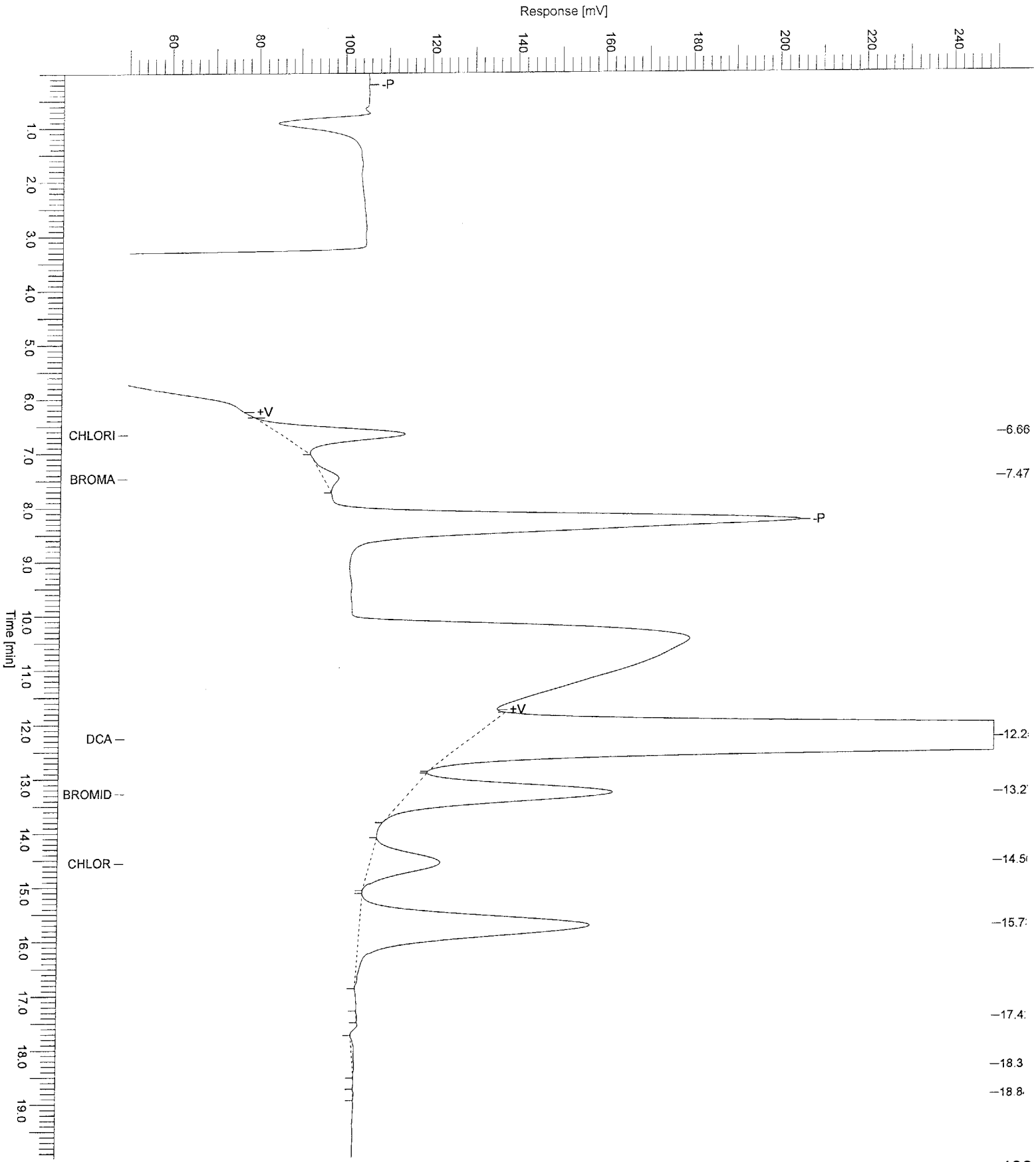
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190053.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190053.raw
Date : 11/21/2007 12:16:11 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 11:55:50 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 2:49:05 PM
Reprocess Number	: ic: 154270		
Operator	: inorg	Sample Name	: 7K19102-MS2
Sample Number	: 7K19102	Study	: IQK1433-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 2:28:46 PM	Cycle	: 56

Raw Data File : H:\DATA\IC7\20071119\200711190056.raw
Result File : H:\DATA\IC7\20071119\200711190056.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190056.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190056.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190056.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.66	2470819.30	94.5798	94.5798	*
BROMATE	7.45	323827.20	25.6424	25.6424	*
DCA	12.21	1.18e+07	0.9632	0.9632	
BROMIDE	13.23	6242643.10	247.1648	247.1648	*
CHLORATE	14.53	2241719.60	98.9947	98.9947	*
		2.30e+07	467.3449	467.3449	

* Warning -- uncalibrated levels encountered

Missing Component Report

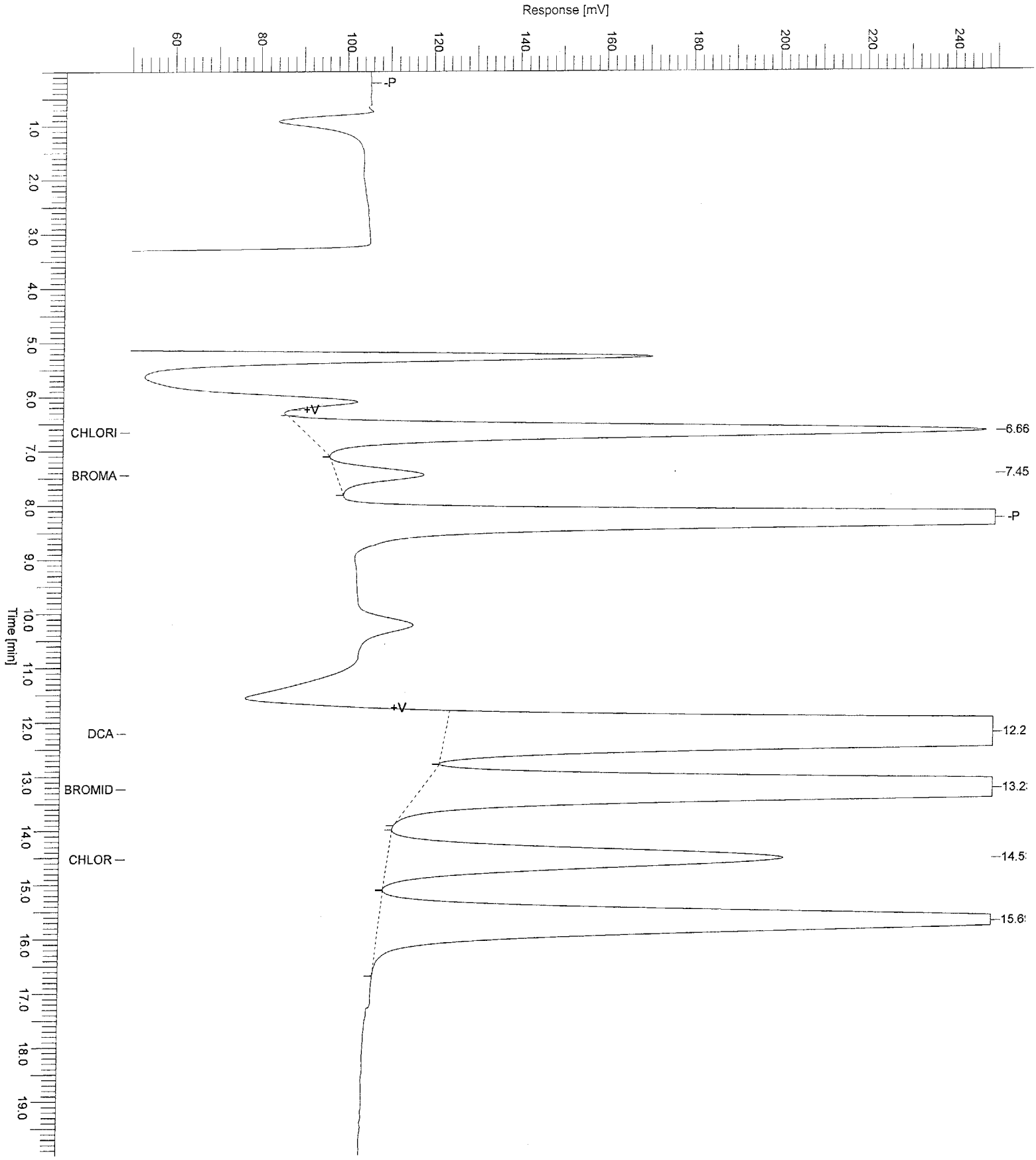
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190056.TX0

Chromatogram

Sample Name : 7K19102-MS2 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190056.raw
Date : 11/21/2007 2:49:07 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 2:28:46 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 3:39:59 PM
Reprocess Number	: ic: 154280		
Operator	: inorg	Sample Name	: 7K19102-MSD2
Sample Number	: 7K19102	Study	: IQK1433-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 3:19:45 PM	Cycle	: 57

Raw Data File : H:\DATA\IC7\20071119\200711190057.raw
Result File : H:\DATA\IC7\20071119\200711190057.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190057.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190057.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190057.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.67	2505100.10	95.8660	95.8660	*
BROMATE	7.46	321483.10	25.4543	25.4543	*
DCA	12.22	1.19e+07	0.9715	0.9715	
BROMIDE	13.24	6233073.40	246.7935	246.7935	*
CHLORATE	14.53	2244429.00	99.1122	99.1122	*
		2.32e+07	468.1974	468.1974	

* Warning -- uncalibrated levels encountered

Missing Component Report

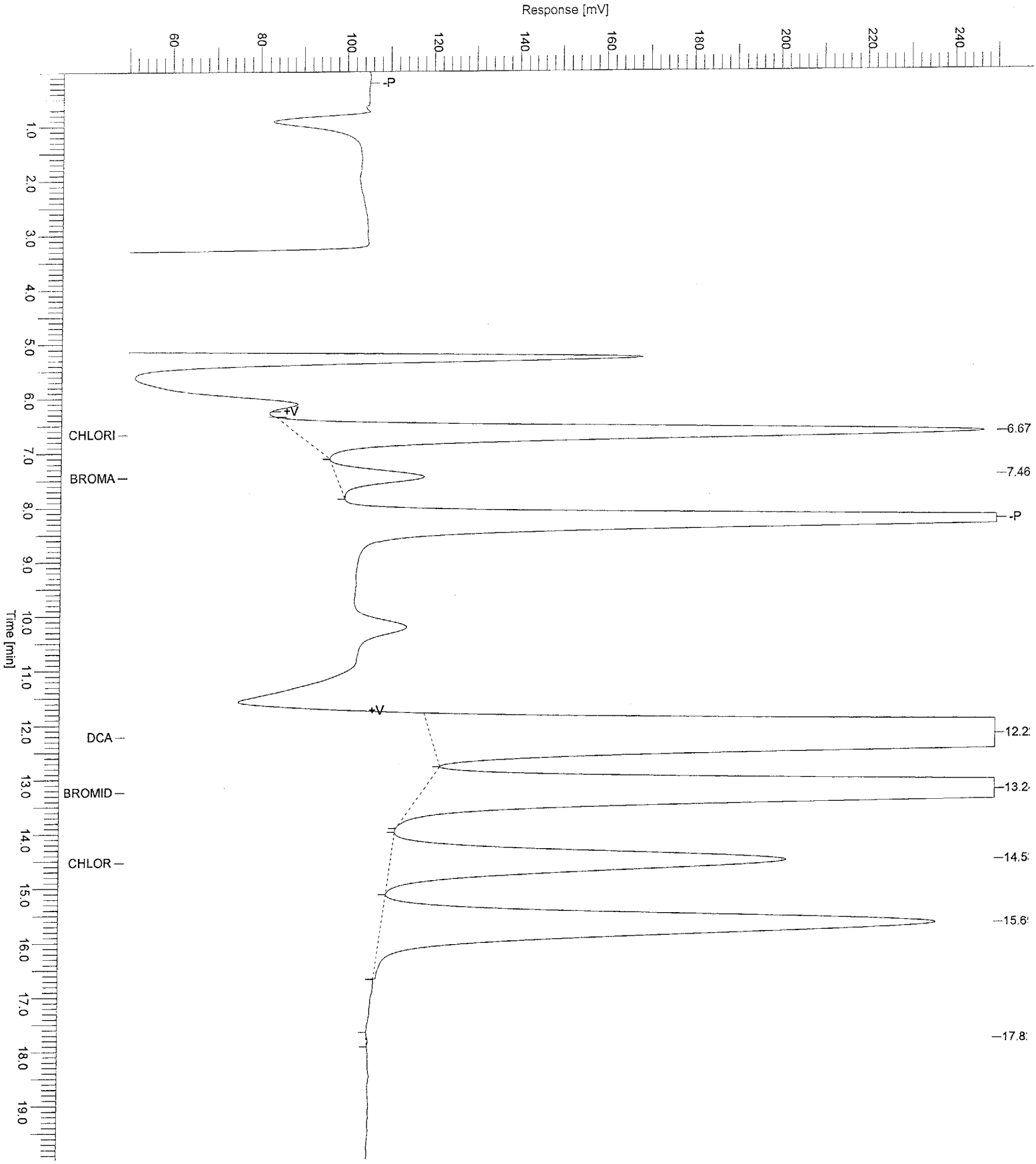
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190057.TX0

Chromatogram

Sample Name : 7K19102-MSD2 Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190057.raw
Date : 11/21/2007 3:40:00 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 3:19:45 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 8:45:57 PM
Reprocess Number	: ic: 154344		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 8:25:41 PM	Cycle	: 63

Raw Data File : H:\DATA\IC7\20071119\200711190063.raw
Result File : H:\DATA\IC7\20071119\200711190063.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.66	2459079.00	94.1394	941.3936	*
BROMATE	7.46	312842.20	24.7608	247.6075	*
DCA	12.23	1.22e+07	0.9996	9.9964	
BROMIDE	13.33	6226747.80	246.5481	2465.4810	*
CHLORATE	14.61	2199317.80	97.1571	971.5710	*
		2.34e+07	463.6050	4636.0495	

* Warning -- uncalibrated levels encountered

Missing Component Report

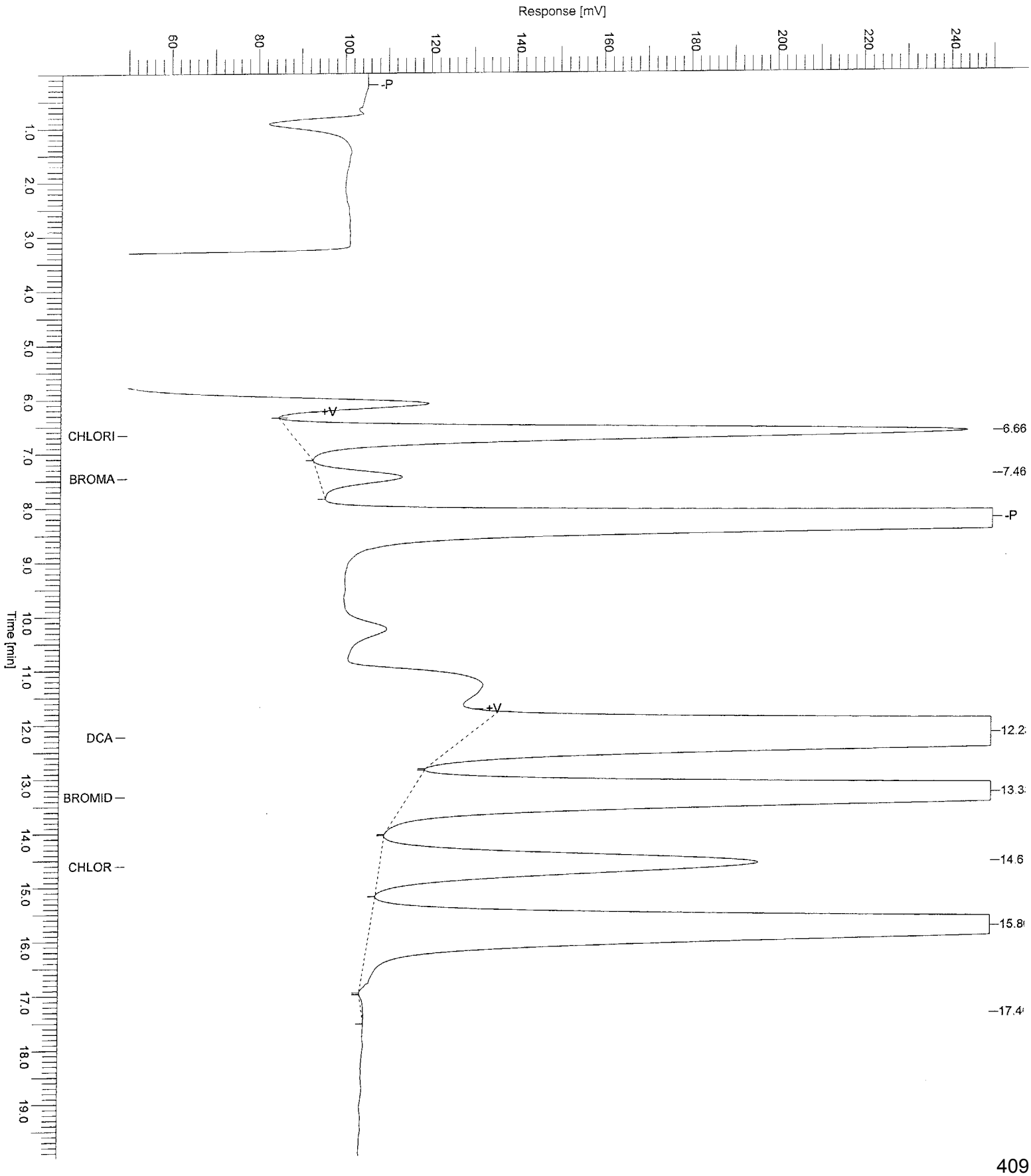
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190063.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19101
FileName : H:\DATA\IC7\20071119\200711190063.raw
Date : 11/21/2007 8:45:58 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 8:25:41 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 9:36:55 PM
Reprocess Number	: ic: 154356		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 9:16:36 PM	Cycle	: 64

Raw Data File : H:\DATA\IC7\20071119\200711190064.raw
Result File : H:\DATA\IC7\20071119\200711190064.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.12	1.12e+07	0.9169	9.1687	
BROMIDE	13.57	7885.60	5.2742	52.7421	*
CHLORATE	14.18	5621.00	2.0852	20.8518	*
		1.12e+07	8.2763	82.7626	

* Warning -- uncalibrated levels encountered

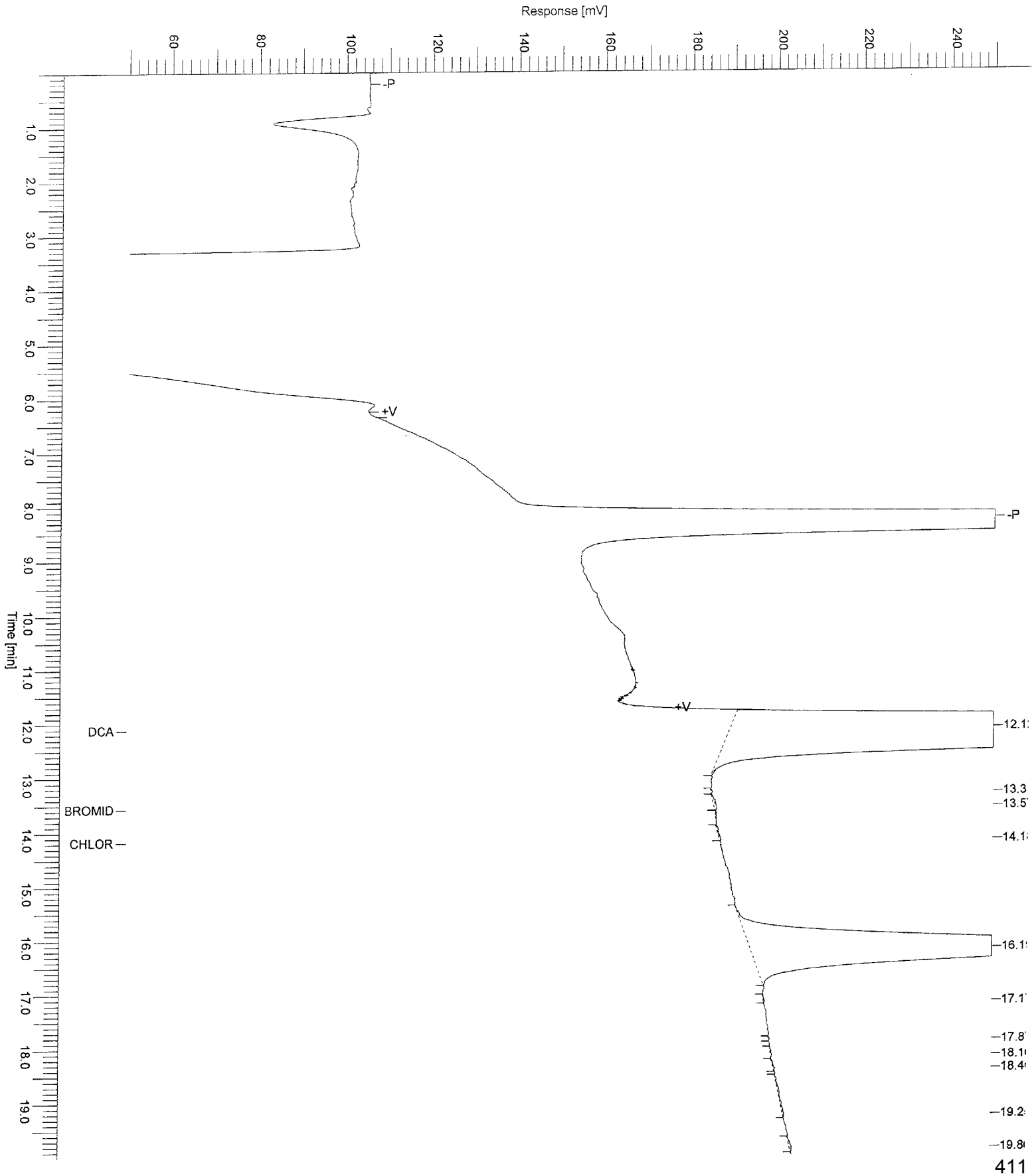
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190064.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19101
FileName : H:\DATA\IC7\20071119\200711190064.raw
Date : 11/21/2007 9:36:56 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 9:16:36 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL
LABORATORY NUMBER: IQK1433
PROJECT: PHASE 2 SAMPLING TRONOX
20072263V1 PARCEL D RINSATE

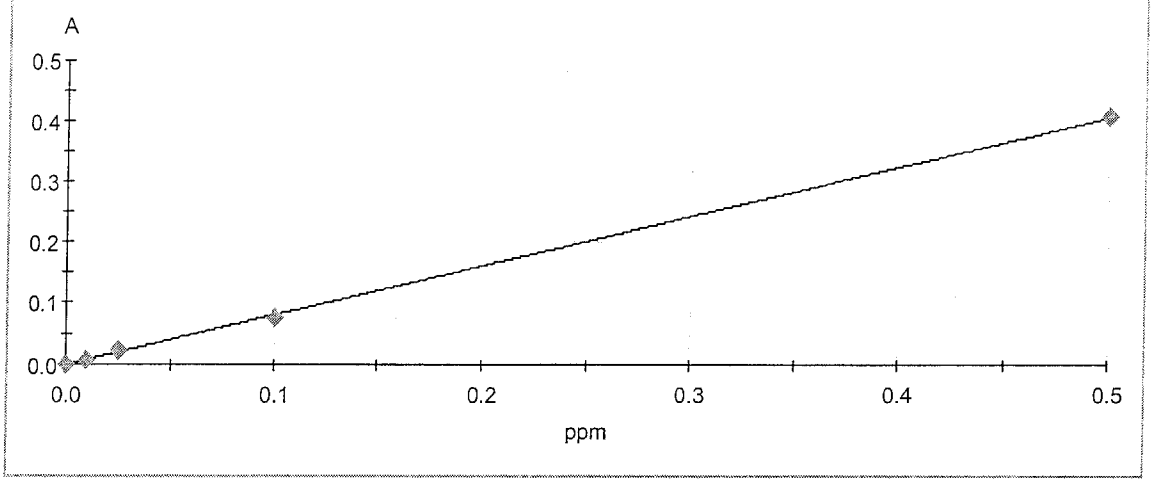
GENERAL CHEMISTRY LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA
- SAMPLE RAW DATA

17461 Derian Avenue, Ste. 100 Irvine, CA 92614 **tel** 949.261.1022 **fax** 949.260.3297 **www.testamericainc.com**

7K14154

Method:	CHR111407.mqa
Last modified:	11/14/2007 11:33:42 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/14/2007 8:47:44 PM by inorg/IRV-GENESYS



Curve parameters: y = 0.8134135 x -1.203512E-03
Residual error: 0.0024 Correlation coefficient: 0.99993

Standard Data

No.	Concentration [ppm]	A	Error [A]	Used
1	0	0.000	0.001	Yes
2	0.01	0.007	0.000	Yes
3	0.025	0.021	0.002	Yes
4	0.1	0.077	-0.003	Yes
5	0.5	0.406	0.001	Yes

ICV/CCV 7110085

LCS/MS/MSD 7110146

Method:	CHR111407.mqa
Last modified:	11/14/2007 11:33:42 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/14/2007 8:47:17 PM by inorg/IRV-GENESYS

Sample	Dilution Factor	Ordinate [A]	Concentration [ppm]
ICV/LCS (.1)	1	0.079	0.09811
SL 11/14/7 ICB/BLK SL	1	0.000	0.00136
~~LCS~~	1	0.000	0.00099
IQK1433-01 MS	1	0.258	0.31805
IQK1433-01 MSD	1	0.254	0.31424
IQK1433-01	1	0.003	0.00455
IQK1452-01	1	0.011	0.01439
IQK1452-02	1	0.012	0.01562
IQK1452-03	1	0.003	0.00529
CCV	1	0.245	0.30231
CCB	1	0.000	0.00123