TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1956
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS G & F
20072263V1

SAMPLED: 11/16/07

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

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THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Client:	STL - St. Louis	**Date Sampled:**	11/16/2007
Project:	Phase 2 Sampling Tronox Parcels G & F 20072263V1	**Date Received:**	11/17/2007
Lab:	IQK1956		

SAMPLE RECEIPT: Samples were received intact, on ice, with chain of custody documentation. The sample temperature was measured at 3.1° C upon receipt at the laboratory.

HOLDING TIMES: EPA 300.1 sample IQK1956-01 analysis was performed past method specified holding time.

EPA 7196A sample IQK1956-01 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 IQK1956-01. 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 7K19096 due to insufficient sample volume. See LCS/LCSD.

OBSERVATIONS: No significant observations were made.

TestAmerica - Irvine, CA

Joseph Doak
Project Manager
JM

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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
Parcels G & F 20072263V1

Sampled: 11/16/07
Received: 11/17/07
Issued: 12/05/07 17:08

NELAP #01108CA California ELAP#1197 CSDLAC #10256

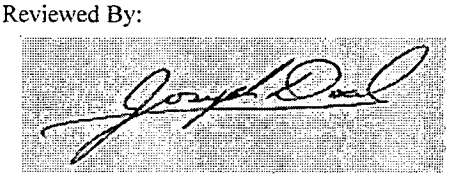
The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. 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.

CASE NARRATIVE

SAMPLE RECEIPT:	Samples were received intact, at 3°C, on ice and with chain of custody documentation.
HOLDING TIMES:	Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements. QC was out of specification for Chlorite in the first run which required re-analysis. Re-analysis was performed out of method specific holding time.
PRESERVATION:	Samples requiring preservation were verified prior to sample analysis.
QA/QC CRITERIA:	All analyses met method criteria, except as noted in the report with data qualifiers.
COMMENTS:	Results that fall between the MDL and RL are 'J' flagged.
SUBCONTRACTED:	No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IQK1956-01	Rinsate 4	Water

Reviewed By:



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Joseph Doak
Project Manager

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20072263V1

CHAIN OF CUSTODY FORM

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

IQK1956

ERM CHAIN OF CUSTODY RECORD

IQK1956

ERM CONTACT PERSON
Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

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

FED EX #: 8593 ~~00~~ 0334 9272

Date: 11-16-07

SAMPLER(S) PRINTED NAME AND SIGNATURE Adrianne Watkins / Adrianne Watkins

PROJECT NAME: PHASE 2 SAMPLING TRONOX PARCEL G & F
PROJECT NUMBER: 20072263V1

SAMPLE ID	DATE	TIME	Container: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	Hex Chrome 7196	Dichlorobenzil 8270C	Chlorite 300.1
Rinsate 4	11-16-07	1400	X						X	X	X	X

ANALYSIS REQUEST

Comments/Instructions:
Please refer to Table 2 (emailed on 10/31/07)

AC 1520 11/17/07

ERM Project # 0169073

	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	Adrianne Watkins	Adrianne Watkins	GES/SC	11-16-07	1800
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:				11/17/07	14:10

For Lab Use Only: Sample Condition Upon Receipt:

intact 3°1

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

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

Project ID: Phase 2 Sampling Tronox Parcels G & F 20072263V1
Report Number: IQK1956

Sampled: 11/16/07
Received: 11/17/07

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: IQK1956-01 (Rinsate 4 - Water)									
Reporting Units: ug/l									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K19096	1.9	9.4	ND	0.943	11/19/07	11/26/07	C
Surrogate: 2-Fluorophenol (30-120%)					*59 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: 2,4,6-Tribromophenol (40-120%)					*82 %*				
Surrogate: Nitrobenzene-d5 (40-120%)					*66 %*				
Surrogate: 2-Fluorobiphenyl (45-120%)					*74 %*				
Surrogate: Terphenyl-d14 (45-120%)					*90 %*				

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Joseph Doak
Project Manager

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Attention: Jerry Everett

Project ID: Phase 2 Sampling Tronox Parcels G & F 20072263V1
Report Number: IQK1956

Sampled: 11/16/07
Received: 11/17/07

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1956-01 (Rinsate 4 - Water) - cont.									
Reporting Units: mg/l									
Chromium VI	EPA 7196A	7K17050	N/A	0.025	ND	1	11/17/07	11/17/07	H3
Sample ID: IQK1956-01 (Rinsate 4 - Water)									
Reporting Units: ug/l									
Chlorite	EPA 300.1	7K28107	4.0	20	ND	1	11/29/07	12/02/07	H

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STL - St. Louis, MO (Sub)	Project ID: Phase 2 Sampling Tronox Parcels G & F 20072263V1	Sampled: 11/16/07
13715 Rider Trail North	Report Number: IQK1956	Received: 11/17/07
Earth City, MO 63045		
Attention: Jerry Everett		

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Rinsate 4 (IQK1956-01) - Water					
EPA 7196A	1	11/16/2007 14:00	11/17/2007 14:10	11/17/2007 14:30	11/17/2007 15:00

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LABORATORY NUMBER: IQK1956
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS G & F
20072263V1

QUALITY CONTROL SUMMARY

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

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Project ID: Phase 2 Sampling Tronox Parcels G & F 20072263V1
Report Number: IQK1956

Sampled: 11/16/07
Received: 11/17/07

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: 7K19096 Extracted: 11/19/07											
Blank Analyzed: 11/21/2007 (7K19096-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	10	2.0	ug/l							
Surrogate: 2-Fluorophenol	*140*			*ug/l*	*200*		*70*	*30-120*			
Surrogate: Phenol-d6	*163*			*ug/l*	*200*		*81*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*151*			*ug/l*	*200*		*76*	*40-120*			
Surrogate: Nitrobenzene-d5	*69.0*			*ug/l*	*100*		*69*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*74.0*			*ug/l*	*100*		*74*	*45-120*			
Surrogate: Terphenyl-d14	*109*			*ug/l*	*100*		*109*	*45-120*			
LCS Analyzed: 11/21/2007 (7K19096-BS1)											**MNR1**
2,2'-/4,4'-Dichlorobenzil	115	10	2.0	ug/l	100		115	50-130			
Surrogate: 2-Fluorophenol	*94.1*			*ug/l*	*200*		*47*	*30-120*			
Surrogate: Phenol-d6	*111*			*ug/l*	*200*		*55*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*146*			*ug/l*	*200*		*73*	*40-120*			
Surrogate: Nitrobenzene-d5	*62.1*			*ug/l*	*100*		*62*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*70.7*			*ug/l*	*100*		*71*	*45-120*			
Surrogate: Terphenyl-d14	*109*			*ug/l*	*100*		*109*	*45-120*			
LCS Dup Analyzed: 11/21/2007 (7K19096-BSD1)											
2,2'-/4,4'-Dichlorobenzil	101	10	2.0	ug/l	100		101	50-130	13	30	
Surrogate: 2-Fluorophenol	*116*			*ug/l*	*200*		*58*	*30-120*			
Surrogate: Phenol-d6	*131*			*ug/l*	*200*		*66*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*154*			*ug/l*	*200*		*77*	*40-120*			
Surrogate: Nitrobenzene-d5	*68.4*			*ug/l*	*100*		*68*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*76.9*			*ug/l*	*100*		*77*	*45-120*			
Surrogate: Terphenyl-d14	*99.3*			*ug/l*	*100*		*99*	*45-120*			

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Earth City, MO 63045
Attention: Jerry Everett

Project ID: Phase 2 Sampling Tronox Parcels G & F 20072263V1
Report Number: IQK1956

Sampled: 11/16/07
Received: 11/17/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K17050 Extracted: 11/17/07											
Blank Analyzed: 11/17/2007 (7K17050-BLK1)											
Chromium VI	ND	0.025	N/A	mg/l							
LCS Analyzed: 11/17/2007 (7K17050-BS1)											
Chromium VI	0.0944	0.025	N/A	mg/l	0.100		94	90-110			
Matrix Spike Analyzed: 11/17/2007 (7K17050-MS1)						**Source: IQK1917-04**					
Chromium VI	0.289	0.025	N/A	mg/l	0.300	ND	96	85-115			
Matrix Spike Dup Analyzed: 11/17/2007 (7K17050-MSD1)						**Source: IQK1917-04**					
Chromium VI	0.286	0.025	N/A	mg/l	0.300	ND	95	85-115	1	20	
Batch: 7K28107 Extracted: 11/29/07											
Blank Analyzed: 11/30/2007 (7K28107-BLK1)											
Chlorite	ND	20	4.0	ug/l							
LCS Analyzed: 11/30/2007 (7K28107-BS1)											
Chlorite	107	20	4.0	ug/l	100		107	75-125			
Matrix Spike Analyzed: 12/01/2007 (7K28107-MS1)						**Source: IQK2685-02**					
Chlorite	84.5	20	4.0	ug/l	100	ND	84	75-125			
Matrix Spike Analyzed: 12/02/2007 (7K28107-MS2)						**Source: IQK2520-01**					
Chlorite	81.6	20	4.0	ug/l	100	ND	82	75-125			
Matrix Spike Dup Analyzed: 12/01/2007 (7K28107-MSD1)						**Source: IQK2685-02**					
Chlorite	85.2	20	4.0	ug/l	100	ND	85	75-125	1	25	

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Received: 11/17/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K28107 Extracted: 11/29/07											
Matrix Spike Dup Analyzed: 12/02/2007 (7K28107-MSD2)						**Source: IQK2520-01**					
Chlorite	80.9	20	4.0	ug/l	100	ND	81	75-125	1	25	

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13715 Rider Trail North	Parcels G & F 20072263V1	Sampled: 11/16/07
Earth City, MO 63045	Report Number: IQK1956	Received: 11/17/07
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.
H	Sample analysis performed past method-specified holding time.
H3	Sample was received and analyzed past holding time.
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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Earth City, MO 63045	Report Number: IQK1956	Received: 11/17/07
Attention: Jerry Everett		

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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LABORATORY NUMBER: IQK1956
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS G & F
20072263V1

EPA 8270C LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA
- SAMPLE RAW DATA

GC/MS DAILY LOG SUMMARY

DATE: 11-20-07 **DATAFILE:** \\GCMS65\DATA\ 07NOV20

ANALYST: LB **GCMS:** # 65 **EPA METHOD:** 625/8270C

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN2	***	Pass @ Journal 10:02				
2	50ppm Midpoint STD ICAL	***	SSTD050	***	KS	ICAL	Updated KB 11-30-07	11/27/07	#7110295
3	5ppm		005						7100428
4	10ppm		010						429
5	80ppm		080						432
6	120ppm		120						433
7	160ppm		160						434
8	2ppm		002						427
9	50ppm See Source		LCS050						#7090368
10	50ppm See Source		LCS050A						#7080163
11									
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:	
Date: 11/27/07	Analyst: LB
	Analysis Date: 11-20-07
	GCMS #: 65

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 : D:\GCMS65\DATA\07NOV20\STUN2.D
Tune Time : 20 Nov 2007 10:02 am

Daily Calibration File : D:\GCMS65\DATA\07NOV20\SSTD050.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB)	(NPT)	(ANT)	(PHN)	(CRY)	(PRY)
							676478	2708720	1397700	2145630	1672420	1208560

File	Sample	Surrogate Recovery %						Internal Standard Responses					
No Quant Results for D:\GCMS65\DATA\07NOV20\LCS050A.D													
SSTD002.D	2ppm STD# 71	2*	2*	4*	4*	2*	4*	792308	3129573	1509843	2263548	1564697	1599047
SSTD005.D	5ppm STD# 71	5*	4*	9*	10*	4*	9*	636542	2498244	1351386	2243115	1537249	1620728
SSTD010.D	10ppm STD# 7	10*	9*	19*	22*	11*	18*	647052	2597359	1310177	2019604	1533225	1524896
SSTD080.D	80ppm STD# 7	79	74	147*	158*	97	152*	639603	2666775	1390368	2025871	1661191	1417055
SSTD120.D	120ppm STD#	122*	115	218*	231*	169*	217*	666907	2874791	1453978	1823336	1714205	1570076
SSTD160.D	160ppm STD#	159*	154*	290*	283*	229*	287*	615353	2696668	1422609	1827154	1719190	1434601

- fails 12hr time check * - fails criteria

Created: Tue Nov 20 17:03:30 2007 gcms65

Response Factor Report gcms65

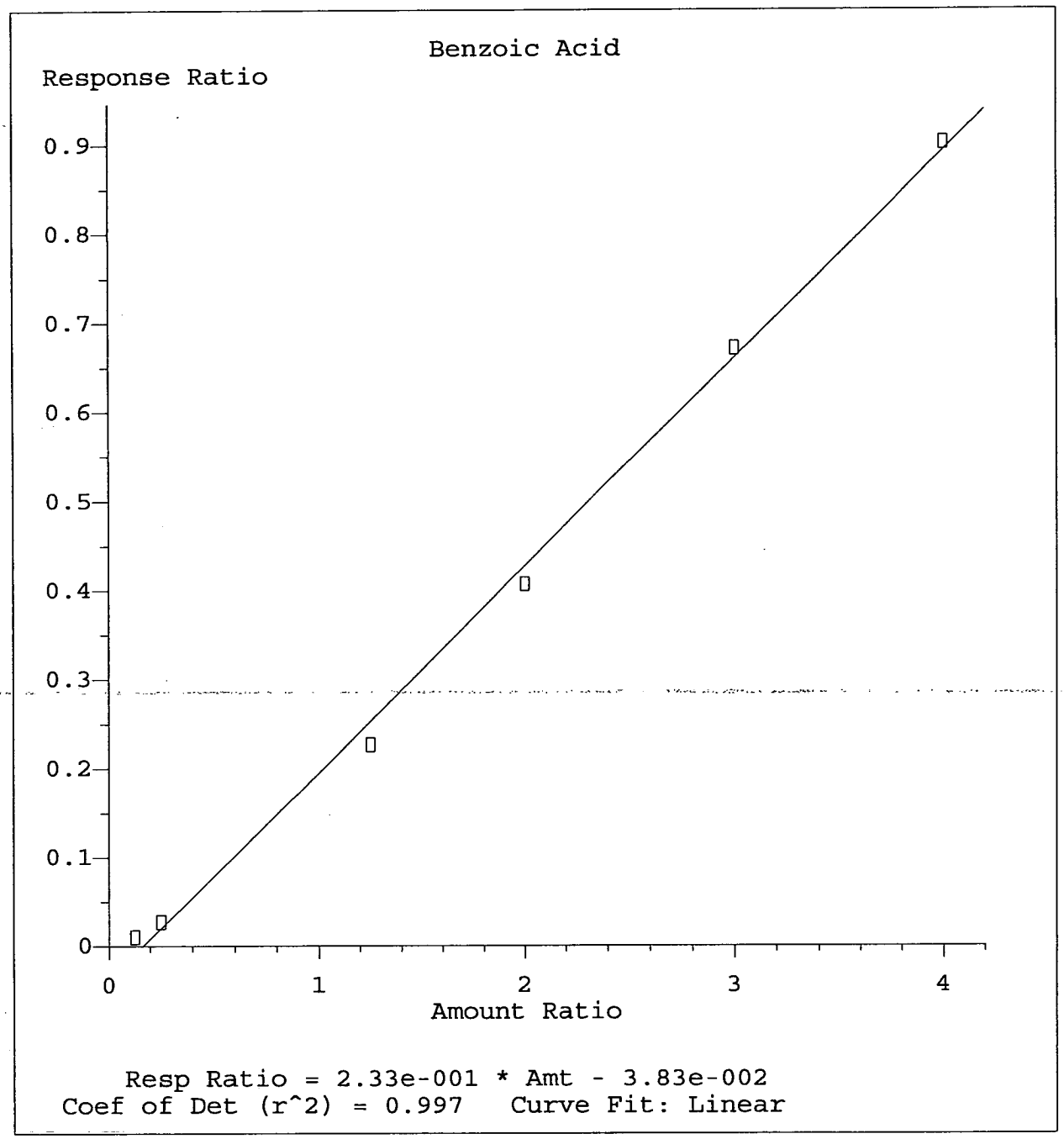
Method : D:\MSDCHEM\1\METHODS\I7K20SV.M (RTE Integrator)
Title : 625/8270 Low Level Calibration
Last Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

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

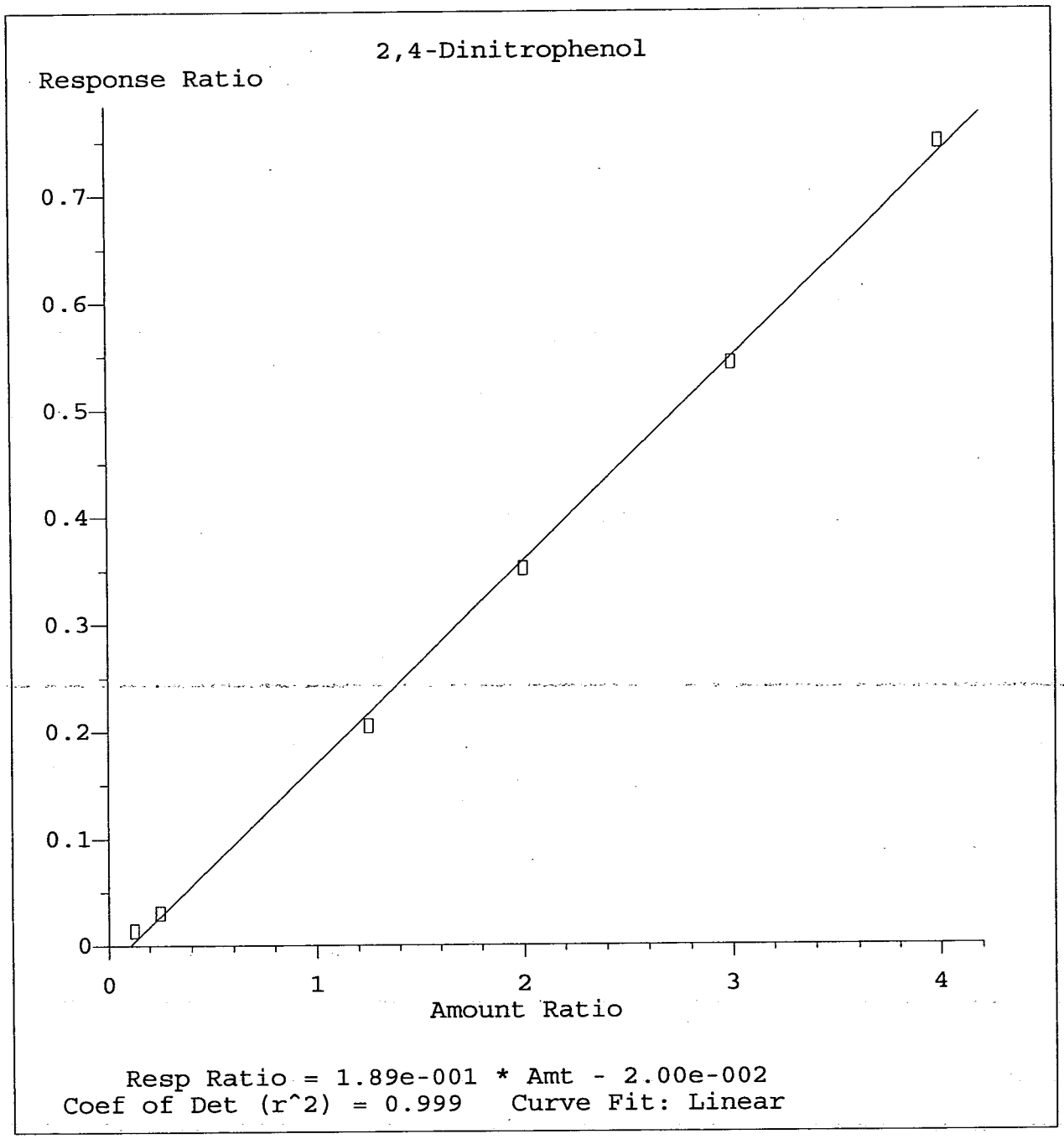
		Compound	2	5	10	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d4 (IS)	ISTD								
2)	S	2-Fluorophenol (SU)	1.317	1.176	1.239	1.221	1.199	1.231	1.199	1.226	3.70
3)	T	Pyridine	1.296	1.109	1.232	1.338	1.329	1.363	1.246*	1.273	6.83
4)	T	n-Nitrosodimethylamine	0.901	0.764	0.684	0.806	0.795	0.805	0.768	0.789	8.21
5)	T	bis(2-Chloroethyl)ether	1.455	1.226	1.357	1.331	1.330	1.347	1.442*	1.356	5.68
6)	T	Aniline	2.335	2.035	2.069	1.994	1.932	1.903	1.720	1.998	9.38
7)	S	Phenol-d6 (SU)	1.516	1.399	1.518	1.528	1.491	1.539	1.541	1.504	3.28
8)	C	Phenol	1.711	1.613	1.627	1.602	1.591	1.622	1.614	1.626	2.43*
9)	T	2-Chlorophenol	1.602	1.372	1.373	1.367	1.389	1.421	1.389	1.416	5.92
10)		n-Decane	1.745	1.653	1.635	1.652	1.641	1.646	1.568*	1.648	3.14
11)	T	1,3-Dichlorobenzene	1.740	1.568	1.659	1.621	1.627	1.614	1.566	1.628	3.66
12)	C	1,4-Dichlorobenzene	1.724	1.645	1.653	1.660	1.632	1.655	1.600	1.653	2.27*
13)	T	1,2-Dichlorobenzene	1.759	1.543	1.582	1.547	1.536	1.548	1.528	1.578	5.19
14)	T	Benzyl alcohol	0.746	0.683	0.734	0.839	0.891	0.916	0.950	0.823	12.48
15)	T	bis(2-chloroisopropyl)ether	1.980	1.911	1.922	1.895	1.937	1.921	1.909	1.925	1.44
16)	T	2-Methylphenol	1.268	1.061	1.114	1.114	1.124	1.153	1.160*	1.142	5.61
17)	T	Hexachloroethane	0.591	0.600	0.556	0.574	0.593	0.594	0.579	0.584	2.64
18)	P	N-Nitroso-di-n-propylamine	0.906	0.927	0.960	0.944	0.988	1.041	1.047*	0.973*	5.61
19)	T	4-Methylphenol	1.789	1.452	1.543	1.596	1.651	1.687	1.710*	1.633	6.88
20)	I	Naphthalene-d8 (IS)	ISTD								
21)	S	Nitrobenzene-d5 (SU)	0.337	0.323	0.331	0.328	0.325	0.322	0.320	0.327	1.79
22)	T	Nitrobenzene	0.313	0.332	0.333	0.331	0.334	0.334	0.334	0.330	2.26
23)	T	Isophorone	0.645	0.586	0.588	0.581	0.590	0.580	0.566	0.591	4.25
24)	C	2-Nitrophenol	0.156	0.180	0.183	0.184	0.185	0.193	0.197	0.183	7.17*
25)	T	2,4-Dimethylphenol	0.386	0.303	0.298	0.310	0.311	0.314	0.311	0.319	9.44
26)	T	bis(2-Chloroethoxy)methane	0.419	0.405	0.392	0.395	0.402	0.392	0.395	0.400	2.46
27)	C	2,4-Dichlorophenol	0.273	0.259	0.289	0.277	0.278	0.284	0.286	0.278	3.64
28)	T	1,2,4-Trichlorobenzene	0.291	0.265	0.270	0.273	0.274	0.269	0.268	0.273	3.21
29)	T	Benzoic Acid		0.083	0.109	0.181	0.203	0.224	0.225	0.171	35.49*
30)	T	Naphthalene	1.227	1.110	1.149	1.063	0.988	0.856		1.065	12.22
31)	T	4-Chloroaniline	0.443	0.409	0.426	0.431	0.425	0.429	0.419	0.426	2.41
32)	C	Hexachlorobutadiene	0.143	0.112	0.131	0.124	0.124	0.124	0.121	0.126	7.49*
33)	C	4-Chloro-3-methylphenol	0.288	0.276	0.285	0.292	0.297	0.313	0.313	0.295	4.71*
34)	T	2-Methylnaphthalene	0.616	0.624	0.601	0.608	0.613	0.583	0.568	0.602	3.31
35)		2,3-Dichloroaniline	0.360	0.346	0.338	0.332	0.342	0.345	0.346	0.344	2.56
36)	I	Acenaphthene-d10 (IS)	ISTD								
37)	P	Hexachlorocyclopentadiene	0.229	0.195	0.223	0.209	0.218	0.224	0.222	0.217*	5.36
38)	C	2,4,6-Trichlorophenol	0.368	0.302	0.324	0.317	0.320	0.333	0.335	0.328	6.32*
39)	T	2,4,5-Trichlorophenol	0.320	0.314	0.326	0.344	0.352	0.374	0.366	0.342	6.78
40)	S	2-Fluorobiphenyl (SU)	1.524	1.322	1.493	1.371	1.354	1.315	1.208	1.369	7.91
41)	T	2-Chloronaphthalene	1.318	1.165	1.281	1.210	1.211	1.203	1.109	1.214	5.73
42)	T	2-Nitroaniline	0.355	0.321	0.359	0.358	0.357	0.378	0.385	0.359	5.72
43)	T	1,3-Dinitrobenzene	0.206	0.175	0.176	0.199	0.200	0.207	0.216	0.197	8.01
44)	T	Acenaphthylene	2.027	1.856	1.925	1.849	1.768	1.589		1.836	8.10
45)	T	Dimethylphthalate	1.457	1.392	1.392	1.375	1.365	1.312	1.264	1.365	4.54
46)	T	2,6-Dinitrotoluene	0.305	0.328	0.322	0.311	0.320	0.328	0.337	0.322	3.35
47)	C	Acenaphthene	1.249	1.292	1.294	1.246	1.200	1.152	1.109	1.220	5.75*
48)	T	3-Nitroaniline	0.262	0.377	0.399	0.409	0.400	0.394	0.394	0.376	13.68
49)	P	2,4-Dinitrophenol		0.113	0.122	0.164	0.175	0.181	0.187	0.157*	20.25*
50)	T	Dibenzofuran	1.821	1.788	1.834	1.757	1.632	1.501	1.357	1.670	10.91
51)	T	2,4-Dinitrotoluene	0.404	0.418	0.387	0.435	0.440	0.413	0.428	0.418	4.44
52)	P	4-Nitrophenol		0.132	0.159	0.180	0.166	0.157	0.168	0.160*	10.05
53)	T	Fluorene	1.519	1.517	1.457	1.451	1.384	1.309	1.237	1.411	7.55
54)	T	4-Chlorophenyl-phenylether	0.597	0.572	0.581	0.554	0.559	0.550	0.557	0.567	3.01
55)	T	Diethylphthalate	1.554	1.522	1.502	1.440	1.307	1.154	1.132	1.373	12.85
56)	T	Azobenzene	1.490	1.554	1.501	1.454	1.411	1.274	1.211	1.414	8.91
57)	T	4-Nitroaniline	0.367	0.406	0.350	0.324	0.336	0.357	0.370	0.359	7.44
58)		n-Octadecane	0.948	1.009	1.010	1.048	1.057	1.010	0.925*	1.001	4.86
59)	I	Phenanthrene-d10 (IS)	ISTD								
60)	T	4,6-Dinitro-2-methylphenol		0.057	0.053	0.069	0.073	0.084	0.092	0.071	21.26*
61)	C	n-Nitrosodiphenylamine	0.696	0.632	0.666	0.664	0.685	0.763	0.739	0.692	6.52
62)	S	2,4,6-Tribromophenol (SU)	0.112	0.086	0.116	0.118	0.130	0.150	0.153	0.124	18.78*
63)	T	4-Bromophenyl-phenylether	0.202	0.207	0.220	0.204	0.216	0.249	0.246	0.221	8.86
64)	T	Hexachlorobenzene	0.261	0.249	0.242	0.238	0.250	0.281	0.281	0.257	6.87
65)	C	Pentachlorophenol	0.136	0.118	0.134	0.148	0.151	0.162	0.172	0.146	12.57*
66)	T	Phenanthrene	1.416	1.413	1.374	1.300	1.198	1.150	1.015	1.266	11.97
67)	T	Anthracene	1.525	1.366	1.399	1.295	1.201	1.136	1.010	1.276	13.65
68)	T	Carbazole	1.361	1.242	1.241	1.158	1.142	1.197	1.132*	1.210	6.62
69)	T	Di-n-butylphthalate		1.675	1.673	1.368	1.449	1.335	1.115	1.436	14.97
70)	C	Fluoranthene	1.295	1.184	1.208	1.066	1.135	1.207	1.077	1.168	6.92*
71)	I	Chrysene-d12 (IS)	ISTD								
72)	T	Pyrene	1.817	1.758	1.639	1.466	1.505	1.384	1.222	1.542	13.66
73)	T	2,2'-Dichlorobenzil	1.481	1.447	1.317	1.351	1.393	1.271	1.159	1.345	8.14
74)	S	Terphenyl-d14 (SU)	1.124	0.932	0.954	1.010	1.028	0.982	0.974	1.000	6.35
75)	T	Benzidine		0.649	0.623	0.521	0.512	0.482	0.445	0.539	14.91
76)	T	Butylbenzylphthalate	0.876	0.793	0.842	0.909	0.937	0.886	0.854	0.871	5.39
77)	T	3,3'-Dichlorobenzidine	0.499	0.476	0.480	0.464	0.479	0.487	0.494	0.483	2.45
78)	T	Benzo[a]anthracene	1.201	1.187	1.202	1.180	1.176	1.119	1.096	1.166	3.55
79)	T	Chrysene	1.237	1.155	1.170	1.129	1.132	1.102	1.077	1.143	4.53
80)	T	bis(2-Ethylhexyl)phthalate	1.262	1.279	1.300	1.254	1.258	1.186	1.163	1.243	4.00
81)	C	Di-n-octylphthalate	1.779	1.738	1.767	1.606	1.700	1.691	1.663	1.706	3.56#*
82)	I	Perylene-d12 (IS)	ISTD								
83)	T	Benzo[b]fluoranthene	1.265	1.158	1.231	1.570	1.356	1.343	1.406	1.333	10.04
84)	T	Benzo[k]fluoranthene	1.266	1.226	1.283	1.585	1.381	1.314	1.326	1.340	8.86
85)	C	Benzo[a]pyrene	1.230	1.137	1.124	1.422	1.201	1.187	1.180	1.211	8.21*
86)	T	Indeno[1,2,3-cd]pyrene	1.190	0.919	0.984	1.154	0.924	0.832	0.912	0.988	13.54
87)	T	Dibenz[a,h]anthracene	1.208	1.089	1.008	1.229	1.050	0.925	1.004	1.073	10.37
88)	T	Benzo[g,h,i]perylene		1.041	1.056	1.164	0.898	0.782	0.877	0.970	14.51

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

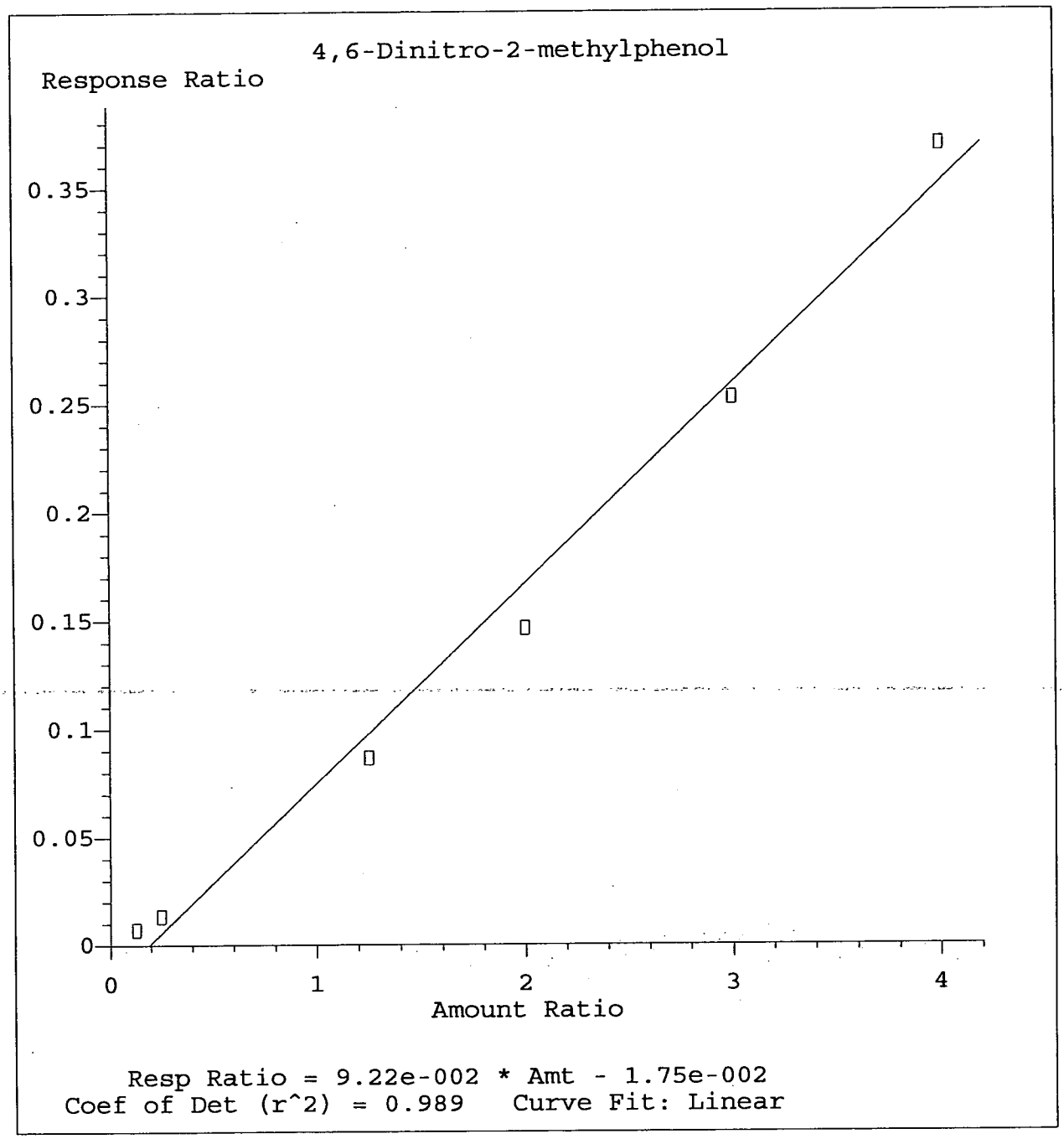
I7K20SV.M Tue Nov 20 17:00:10 2007



Method Name: D:\MSDCHEM\1\METHODS\I7K20SV.M
Calibration Table Last Updated: Tue Nov 20 12:47:10 2007



Method Name: D:\MSDCHEM\1\METHODS\I7K20SV.M
Calibration Table Last Updated: Tue Nov 20 12:49:18 2007



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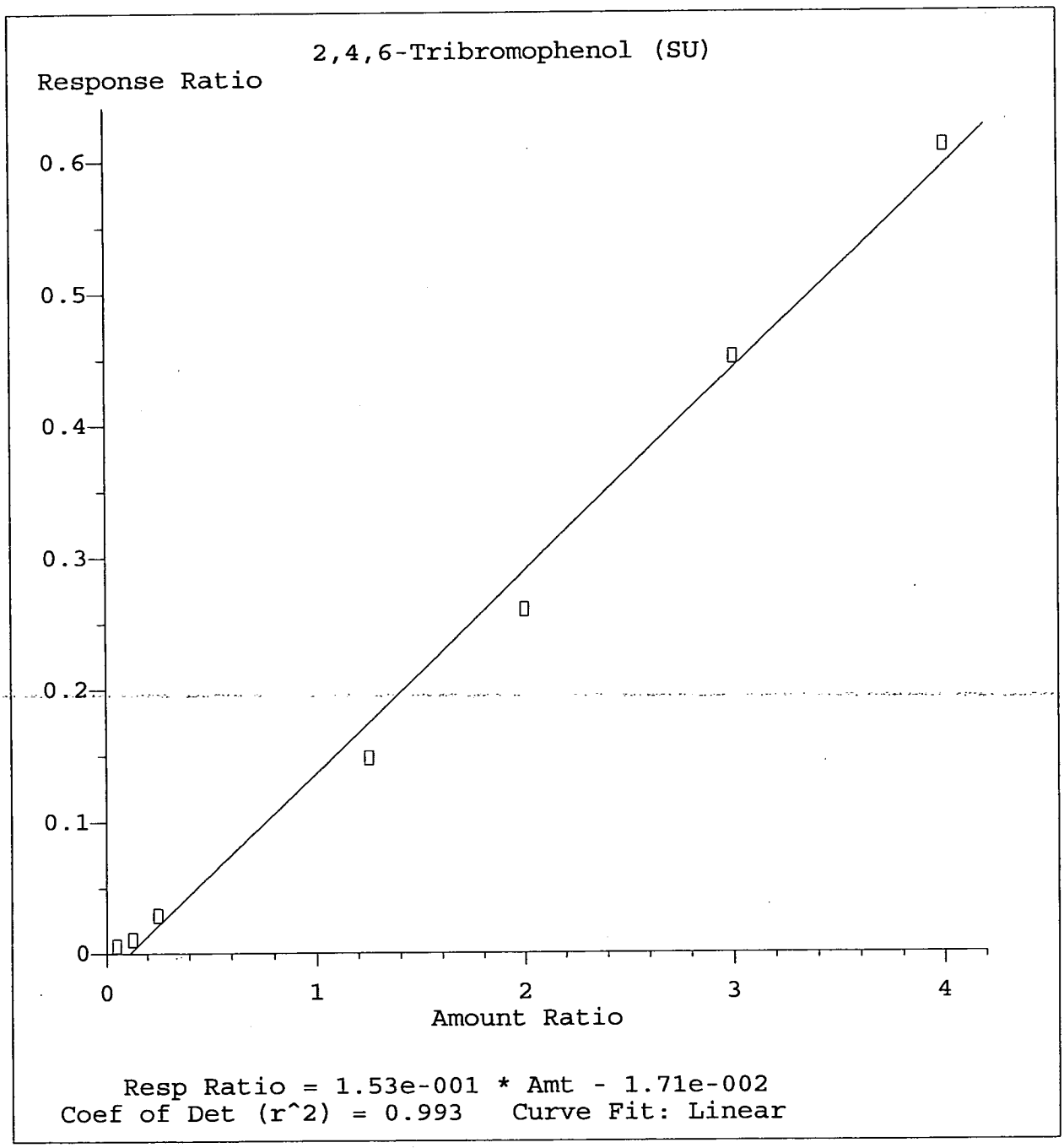
Calibration Table Last Updated: Tue Nov 20 12:50:13 2007

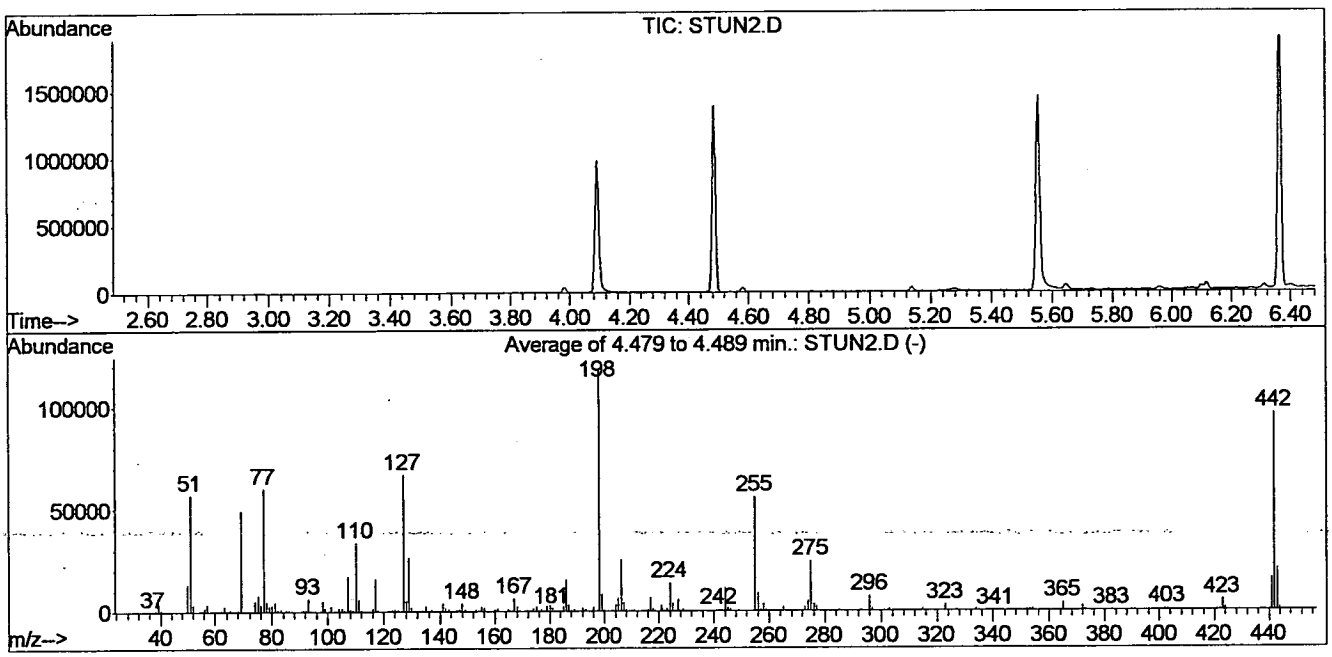


Method Name: D:\MSDCHEM\1\METHODS\I7K20SV.M
Calibration Table Last Updated: Tue Nov 20 16:33:08 2007

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : STUN2.D
Acq On : 20 Nov 2007 10:02 am
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Title :
Last Update : Wed Sep 19 07:05:07 2007



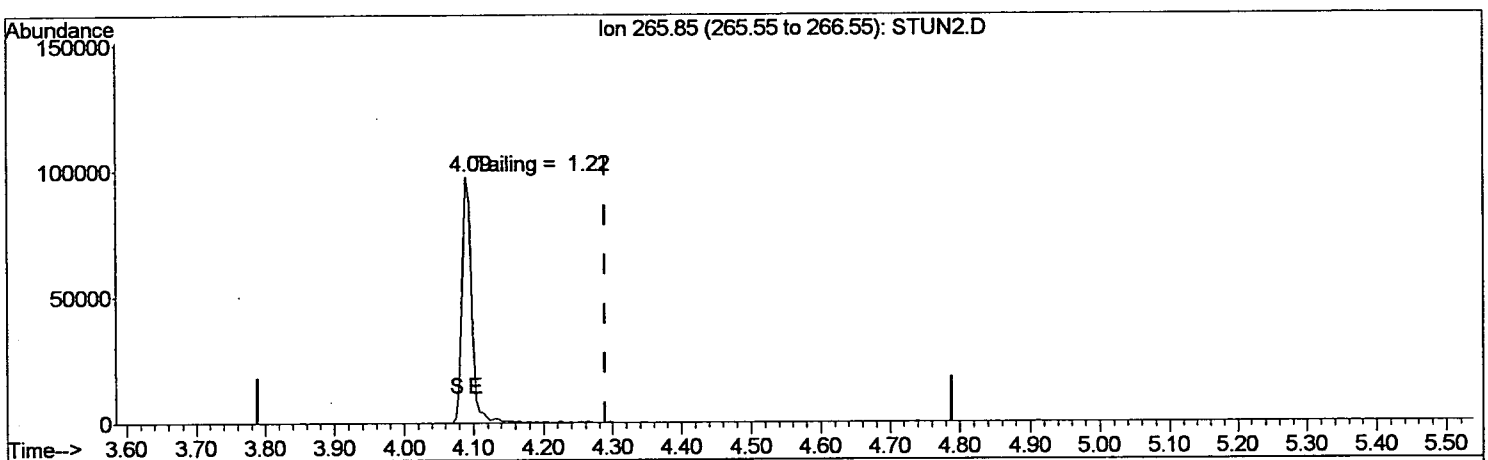
AutoFind: Scans 187, 188, 189; Background Corrected with Scan 183

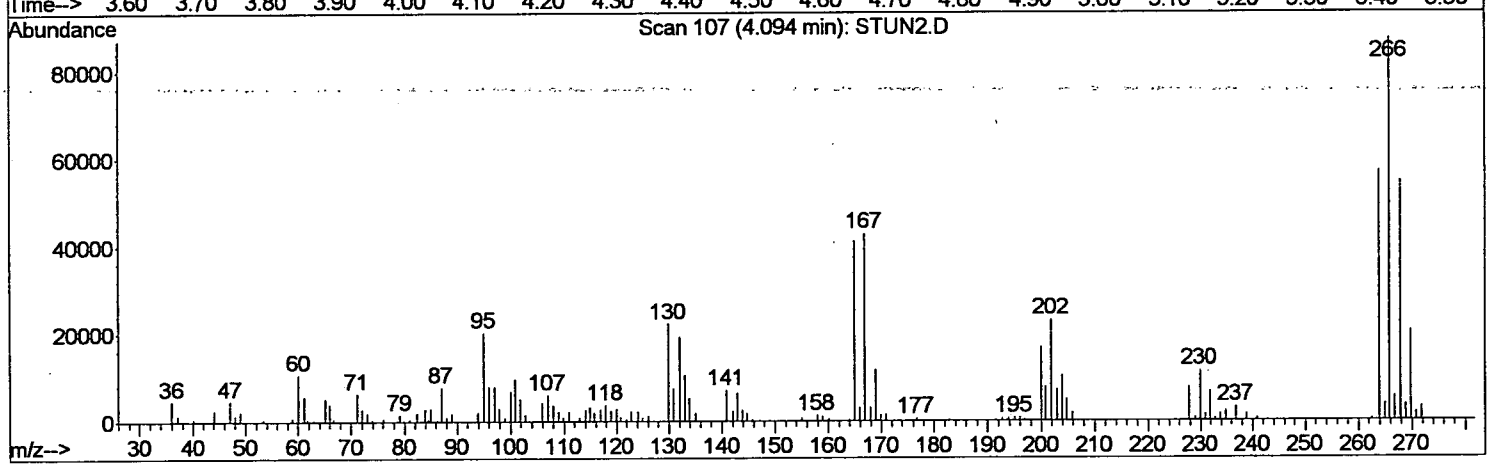
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.0	57026	PASS
68	69	0.00	2	1.6	782	PASS
69	198	0.00	100	41.5	49261	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	56.5	67002	PASS
197	198	0.00	1	0.4	446	PASS
198	198	100	100	100.0	118685	PASS
199	198	5	9	6.8	8043	PASS
275	198	10	30	20.5	24333	PASS
365	198	1	100	3.2	3781	PASS
441	443	0.01	100	76.3	15509	PASS
442	198	40	100	81.4	96562	PASS
443	442	17	23	21.0	20324	PASS

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : STUN2.D
Acq On : 20 Nov 2007 10:02 am
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 20 10:13:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Wed Sep 19 07:05:07 2007
Response via : Initial Calibration





TIC: STUN2.D

(1) Pentachlorophenol

4.093min (-0.196) 15.92ug/ml

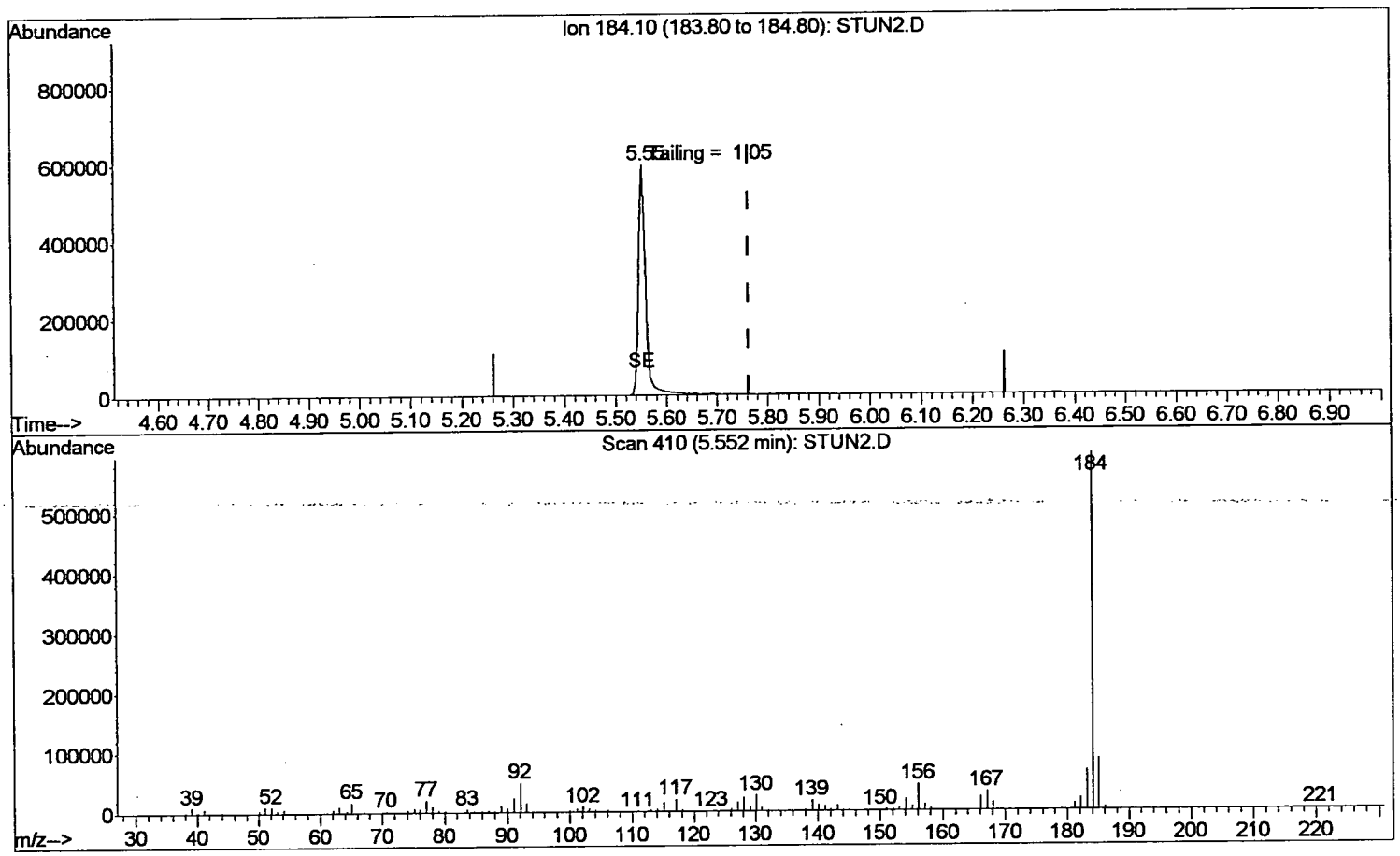
response 913482

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 (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : STUN2.D
Acq On : 20 Nov 2007 10:02 am
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 20 10:13:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Wed Sep 19 07:05:07 2007
Response via : Initial Calibration



TIC: STUN2.D

(3) BENZIDINE

5.554min (-0.209) 16.23ug/ml

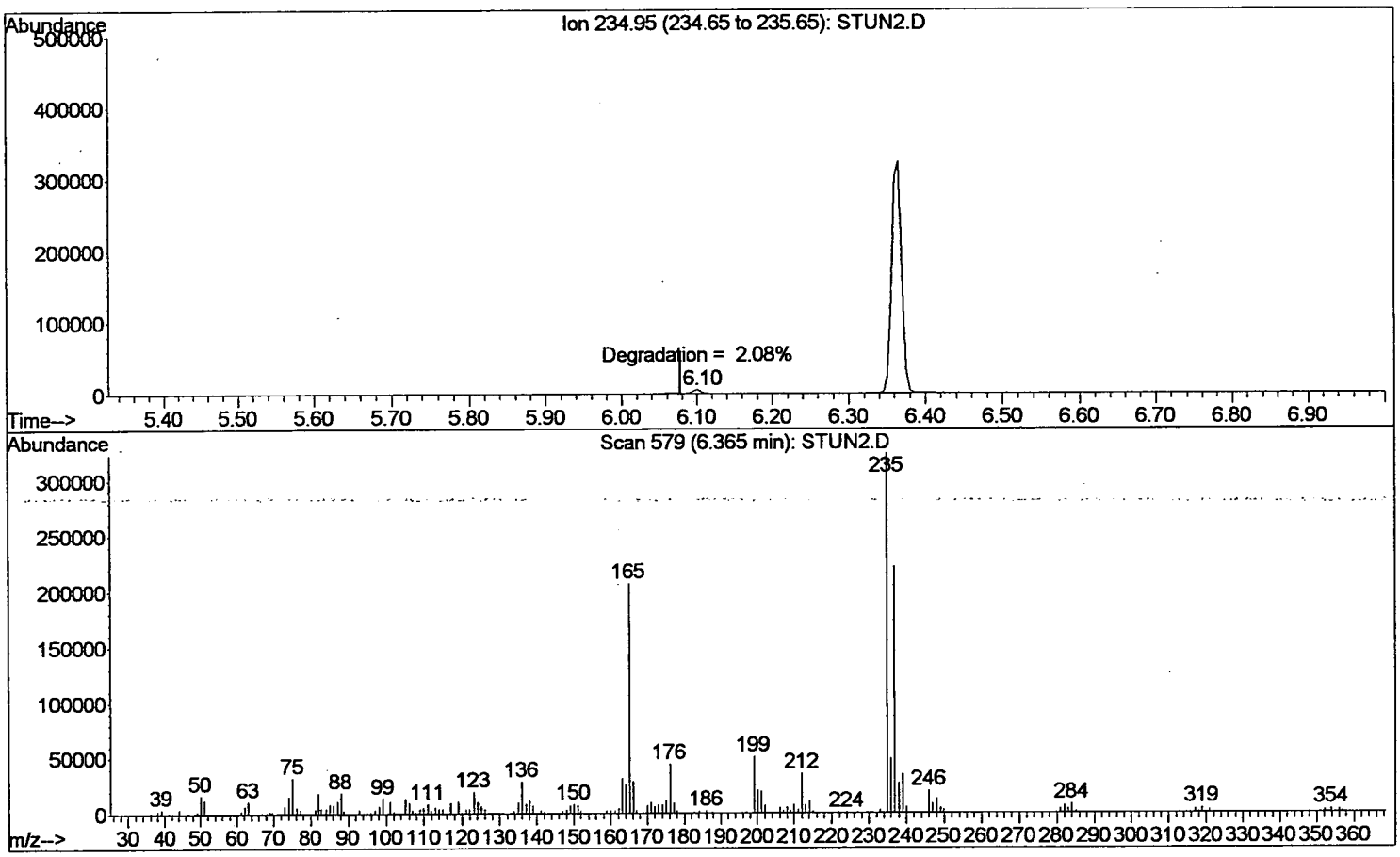
response 5630818

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 (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : STUN2.D
Acq On : 20 Nov 2007 10:02 am
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 20 10:13:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Wed Sep 19 07:05:07 2007
Response via : Initial Calibration



TIC: STUN2.D

(4) DDT

6.365min (-0.212) 17.35ug/ml

response 2845882

Ion	Exp%	Act%
234.95	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:37:37 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.12	152	792308	40.00	ppm	-0.01
20) Naphthalene-d8 (IS)	5.32	136	3129573	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	7.02	162	1509843	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	8.27	188	2263548	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	10.37	240	1564697	40.00	ppm	-0.04
82) Perylene-d12 (IS)	12.52	264	1599047	40.00	ppm	-0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	52159	2.18	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 2.18%#			
7) Phenol-d6 (SU)	3.76	99	60043	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 1.89%#			
21) Nitrobenzene-d5 (SU)	4.63	82	52746	1.90	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.80%#			
40) 2-Fluorobiphenyl (SU)	6.39	172	115021	2.23	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.46%#			
62) 2,4,6-Tribromophenol (SU)	7.70	330	12621	2.09	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.09%#			
74) Terphenyl-d14 (SU)	9.48	244	87975	2.07	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 4.14%#			
Target Compounds						Qvalue
3) Pyridine	2.00	79	51328	1.92	ppm	87
4) n-Nitrosodimethylamine	1.94	74	35697	2.21	ppm	# 100
5) bis(2-Chloroethyl)ether	3.87	93	57657	2.05	ppm	97
6) Aniline	3.83	93	92511	2.13	ppm	96
8) Phenol	3.77	94	67781	2.07	ppm	97
9) 2-Chlorophenol	3.93	128	63446	2.23	ppm	98
10) n-Decane	3.96	57	69122	2.36	ppm	99
11) 1,3-Dichlorobenzene	4.07	146	68936	2.17	ppm	98
12) 1,4-Dichlorobenzene	4.14	146	68315m	2.11	ppm	
13) 1,2-Dichlorobenzene	4.27	146	69696	2.26	ppm	92
14) Benzyl alcohol	4.24	108	29562	4.34	ppm	91
15) bis(2-chloroisopropyl)ethe	4.36	45	78449	2.06	ppm	99
16) 2-Methylphenol	4.32	107	50217	2.16	ppm	90
17) Hexachloroethane	4.59	117	23417	1.97	ppm	97
18) N-Nitroso-di-n-propylamine	4.48	70	35896	1.57	ppm	95
19) 4-Methylphenol	4.46	107	70860	2.07	ppm	91
22) Nitrobenzene	4.64	77	49038	1.72	ppm	96
23) Isophorone	4.88	82	100959	2.04	ppm	98
24) 2-Nitrophenol	4.95	139	24482	1.63	ppm	86
25) 2,4-Dimethylphenol	4.98	122	60452	2.45	ppm	86

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:37:37 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.08	93	65551	2.01	ppm		97
27) 2,4-Dichlorophenol	5.17	162	42653	1.94	ppm		96
28) 1,2,4-Trichlorobenzene	5.26	180	45585	2.06	ppm		98
29) Benzoic Acid	4.98	122	60452	3.70	ppm	#	13
30) Naphthalene	5.34	128	191922	2.28	ppm		95
31) 4-Chloroaniline	5.39	127	69247	1.99	ppm		99
32) Hexachlorobutadiene	5.46	225	22312	2.15	ppm		94
33) 4-Chloro-3-methylphenol	5.86	107	45083	1.92	ppm		98
34) 2-Methylnaphthalene	6.03	141	96344	1.92	ppm		97
35) 2,3-Dichloroaniline	6.30	161	56410	1.97	ppm		93
37) Hexachlorocyclopentadiene	6.17	237	17300	2.25	ppm		97
38) 2,4,6-Trichlorophenol	6.29	196	27800m	2.26	ppm		
39) 2,4,5-Trichlorophenol	6.33	196	24169m	1.79	ppm		
41) 2-Chloronaphthalene	6.50	162	99510	2.14	ppm		99
42) 2-Nitroaniline	6.60	65	26805	1.77	ppm		97
43) 1,3-Dinitrobenzene	6.80	168	15571	3.08	ppm		81
44) Acenaphthylene	6.90	152	153002	2.10	ppm		94
45) Dimethylphthalate	6.78	163	109984	1.98	ppm		99
46) 2,6-Dinitrotoluene	6.83	165	23055	1.34	ppm	#	62
47) Acenaphthene	7.05	154	94319	1.92	ppm		92
48) 3-Nitroaniline	6.99	138	19759	1.27	ppm	#	74
49) 2,4-Dinitrophenol	7.08	184	6952	6.29	ppm	#	1
50) Dibenzofuran	7.20	168	137456	2.00	ppm		95
51) 2,4-Dinitrotoluene	7.19	165	30531	1.71	ppm		95
52) 4-Nitrophenol	7.15	109	4343	0.59	ppm	#	33
53) Fluorene	7.50	166	114669	2.00	ppm		98
54) 4-Chlorophenyl-phenylether	7.50	204	45102	2.02	ppm		96
55) Diethylphthalate	7.41	149	117347	1.98	ppm		98
56) Azobenzene	7.64	77	112467	1.82	ppm		99
57) 4-Nitroaniline	7.53	138	27670	1.80	ppm	#	74
58) n-Octadecane	8.17	57	71580	1.88	ppm		95
60) 4,6-Dinitro-2-methylphenol	7.64	105	20944	8.36	ppm	#	1
61) n-Nitrosodiphenylamine	7.60	169	78717	2.10	ppm		98
63) 4-Bromophenyl-phenylether	7.91	248	22913	1.95	ppm		97
64) Hexachlorobenzene	7.95	284	29569	2.19	ppm		91
65) Pentachlorophenol	8.12	266	15339	1.95	ppm	#	81
66) Phenanthrene	8.29	178	160204	2.06	ppm		96
67) Anthracene	8.32	178	172584	2.18	ppm		97
68) Carbazole	8.45	167	154077	2.06	ppm		97
69) Di-n-butylphthalate	8.71	149	207867	2.15	ppm		99
70) Fluoranthene	9.20	202	146539	1.94	ppm		75
72) Pyrene	9.37	202	142141	2.09	ppm		97

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:37:37 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

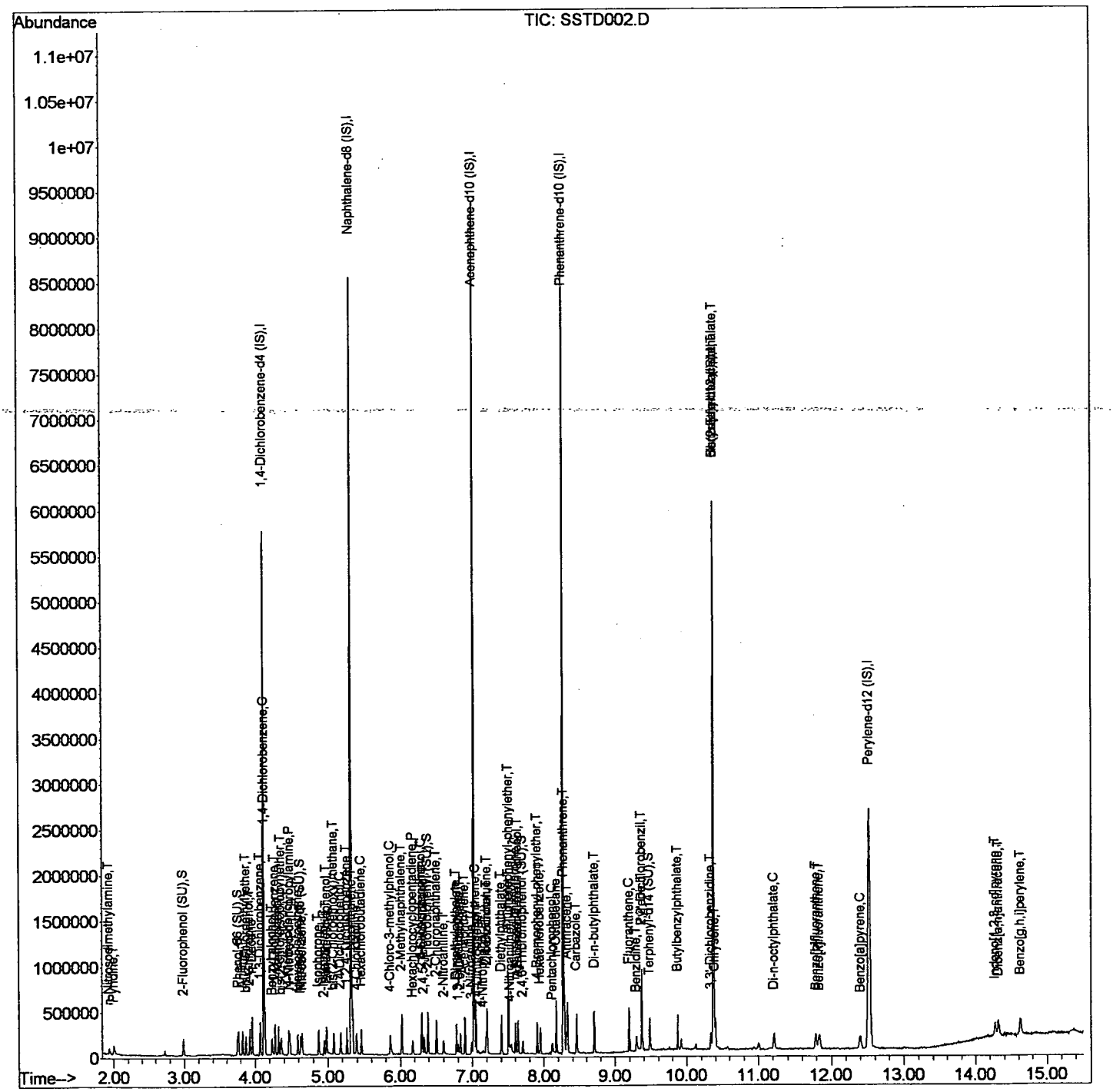
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.37	139	115884	1.95	ppm	95
75) Benzidine	9.29	184	72011	1.58	ppm	99
76) Butylbenzylphthalate	9.87	149	68542	1.80	ppm	93
77) 3,3'-Dichlorobenzidine	10.34	252	39053	2.00	ppm	97
78) Benzo[a]anthracene	10.36	228	93923	1.89	ppm	95
79) Chrysene	10.40	228	96787	2.09	ppm	97
80) bis(2-Ethylhexyl)phthalate	10.37	149	98725	1.78	ppm	99
81) Di-n-octylphthalate	11.21	149	139173	1.89	ppm	99
83) Benzo[b]fluoranthene	11.79	252	101130	1.52	ppm	85
84) Benzo[k]fluoranthene	11.84	252	101183	1.63	ppm	95
85) Benzo[a]pyrene	12.39	252	98326	1.72	ppm	88
86) Indeno[1,2,3-cd]pyrene	14.27	276	95126	2.07	ppm	73
87) Dibenz[a,h]anthracene	14.31	278	96566	2.01	ppm	97
88) Benzo[g,h,i]perylene	14.62	276	114933	2.53	ppm	72

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

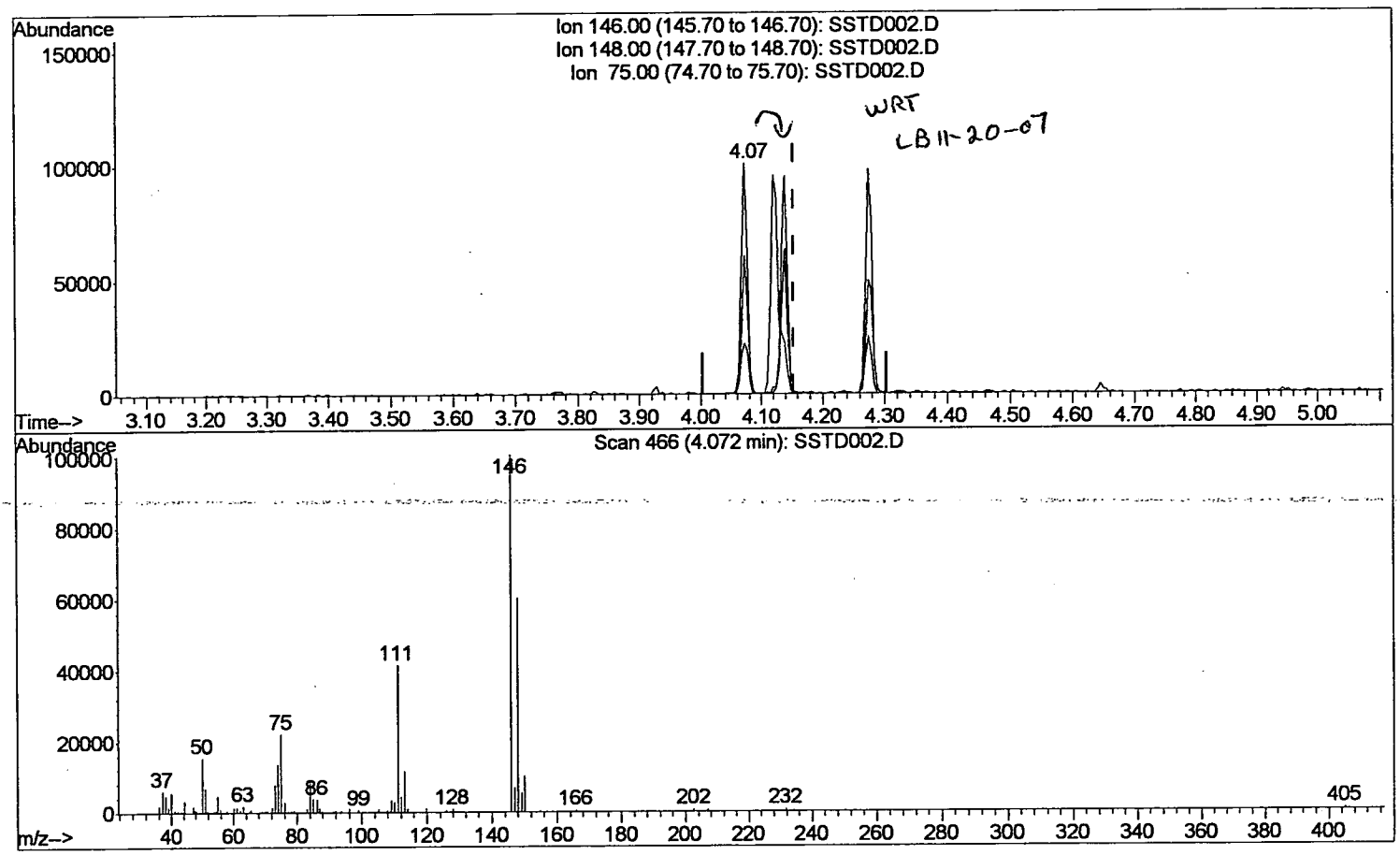
Quant Time: Nov 20 12:37:37 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (C)

4.072min (-0.082) 2.13ppm

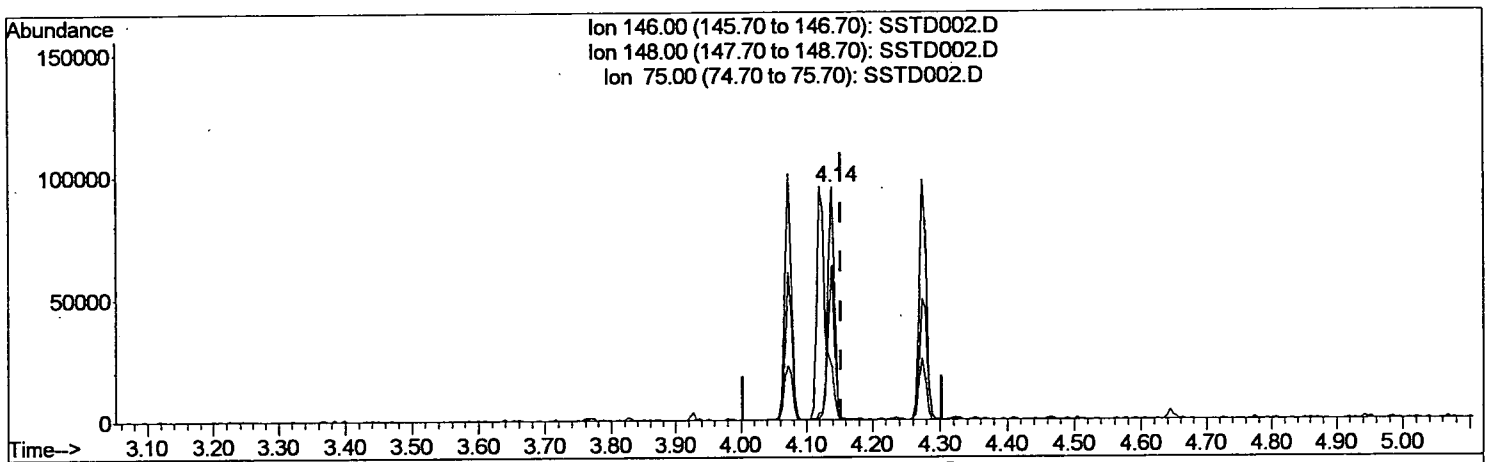
response 68936

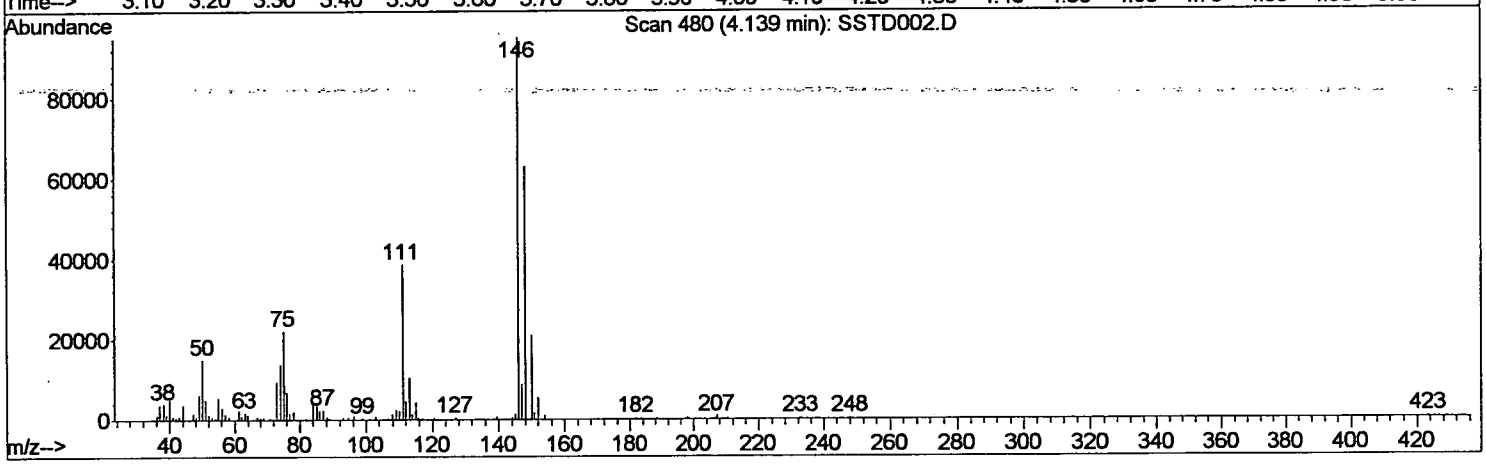
Ion	Exp%	Act%
146.00	100	100
148.00	62.40	62.25
75.00	31.40	28.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration





TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (C)

4.139min (-0.014) 2.11ppm m

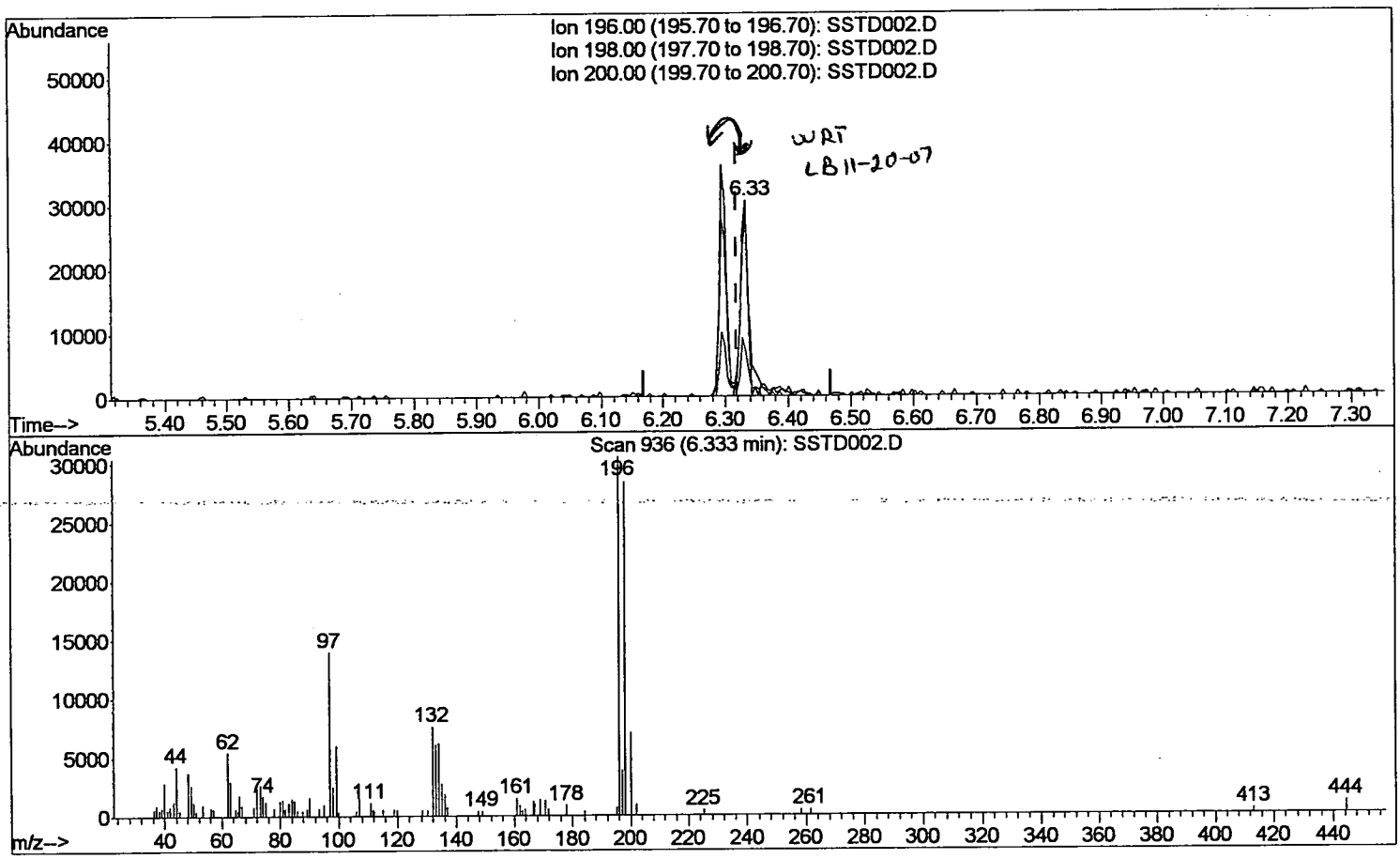
response 68315

Ion	Exp%	Act%
146.00	100	100
148.00	62.40	62.82
75.00	31.40	28.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



TIC: SSTD002.D

(38) 2,4,6-Trichlorophenol (C)

6.333min (+0.015) 1.93ppm

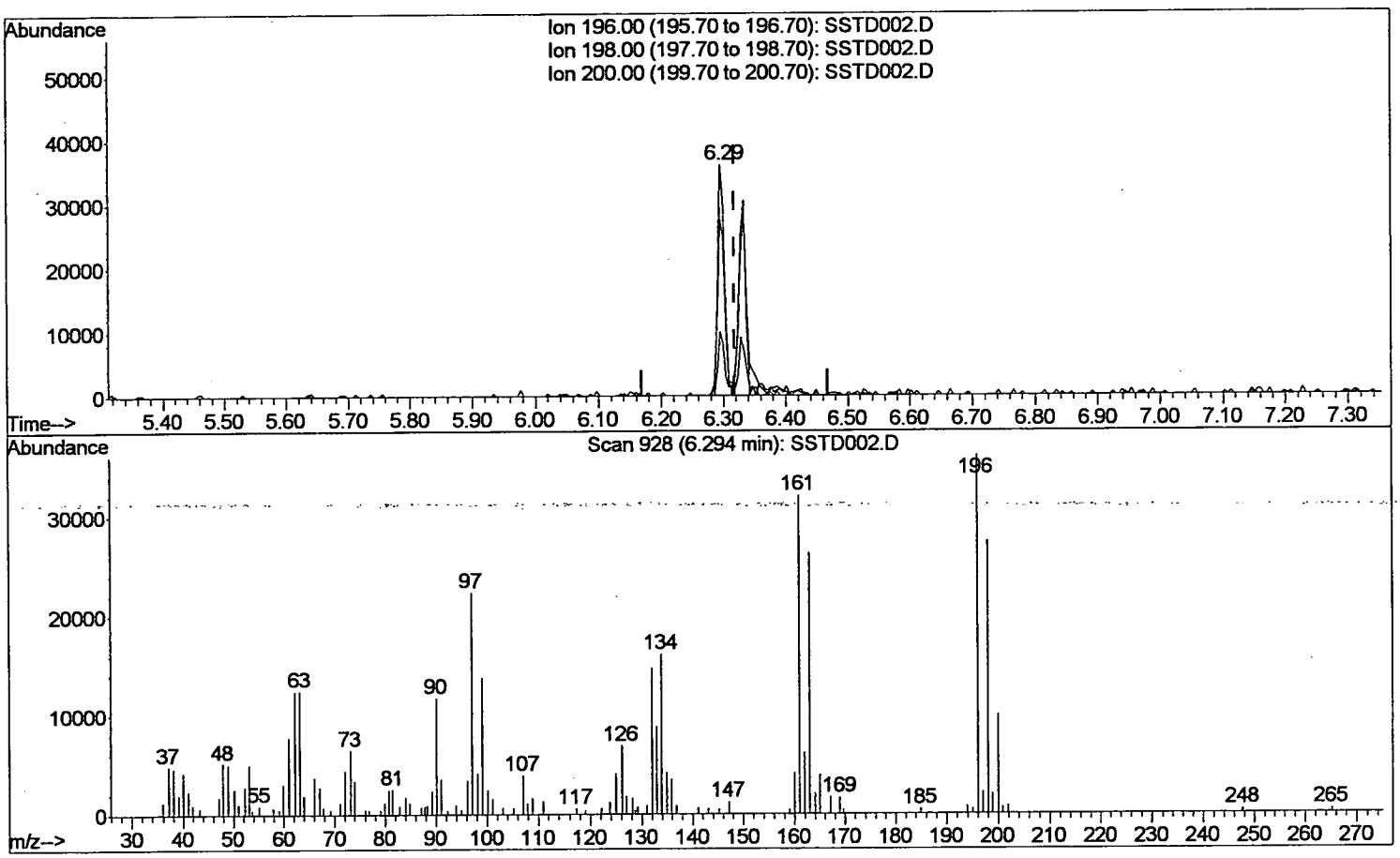
response 23678

Ion	Exp%	Act%
196.00	100	100
198.00	105.00	114.38
200.00	31.50	32.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



TIC: SSTD002.D

(38) 2,4,6-Trichlorophenol (C)

6.294min (-0.024) 2.26ppm m

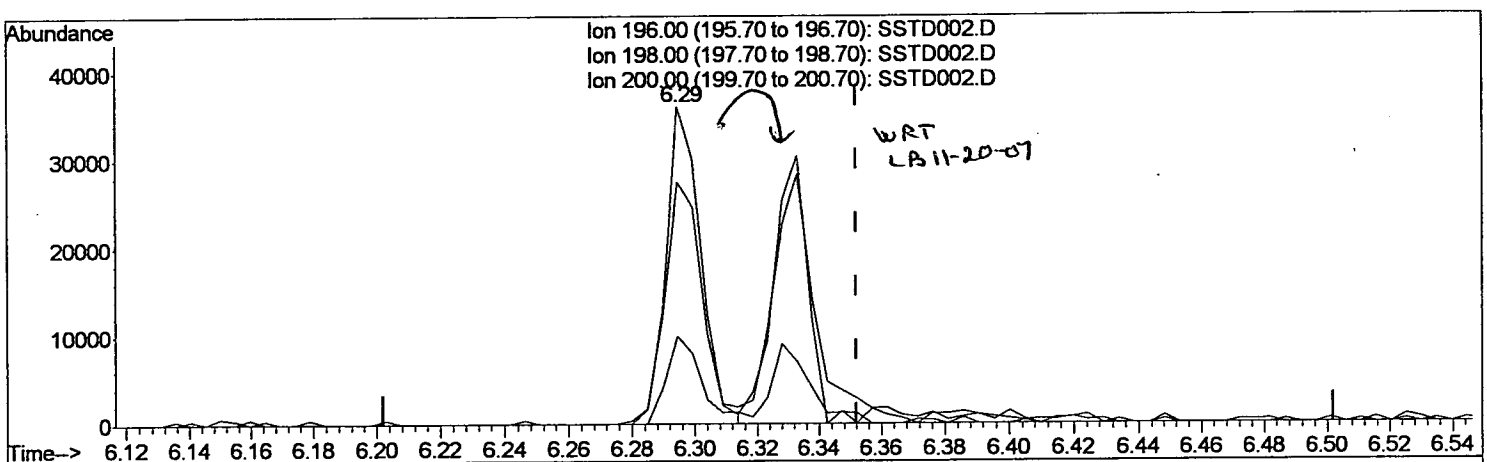
response 27800

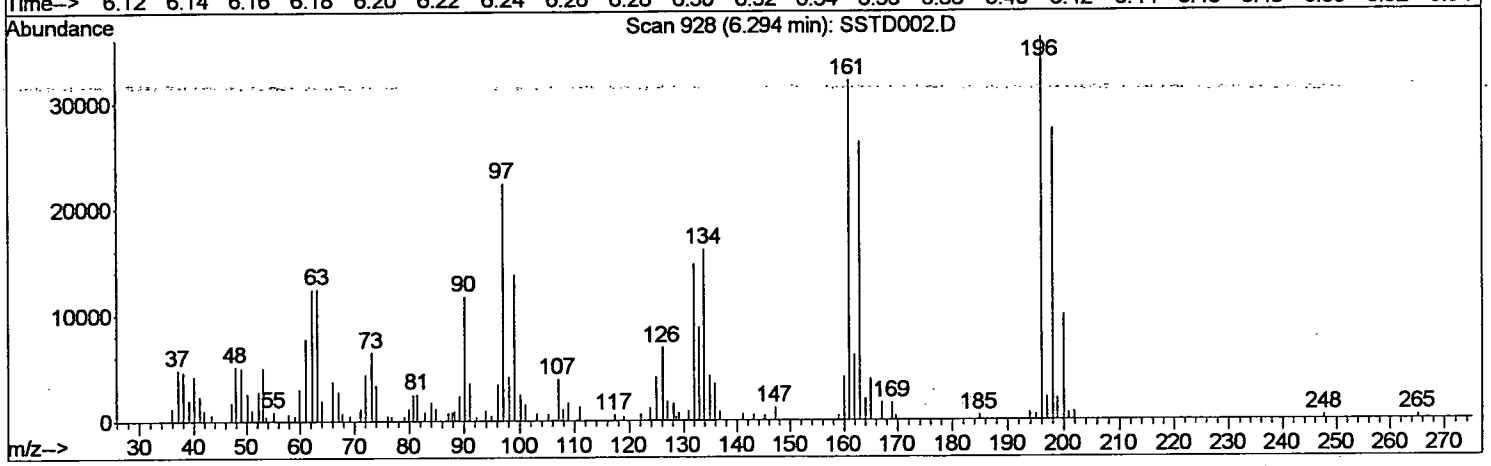
Ion	Exp%	Act%
196.00	100	100
198.00	105.00	97.42
200.00	31.50	27.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration





TIC: SSTD002.D

(39) 2,4,5-Trichlorophenol (T)

6.294min (-0.058) 2.05ppm

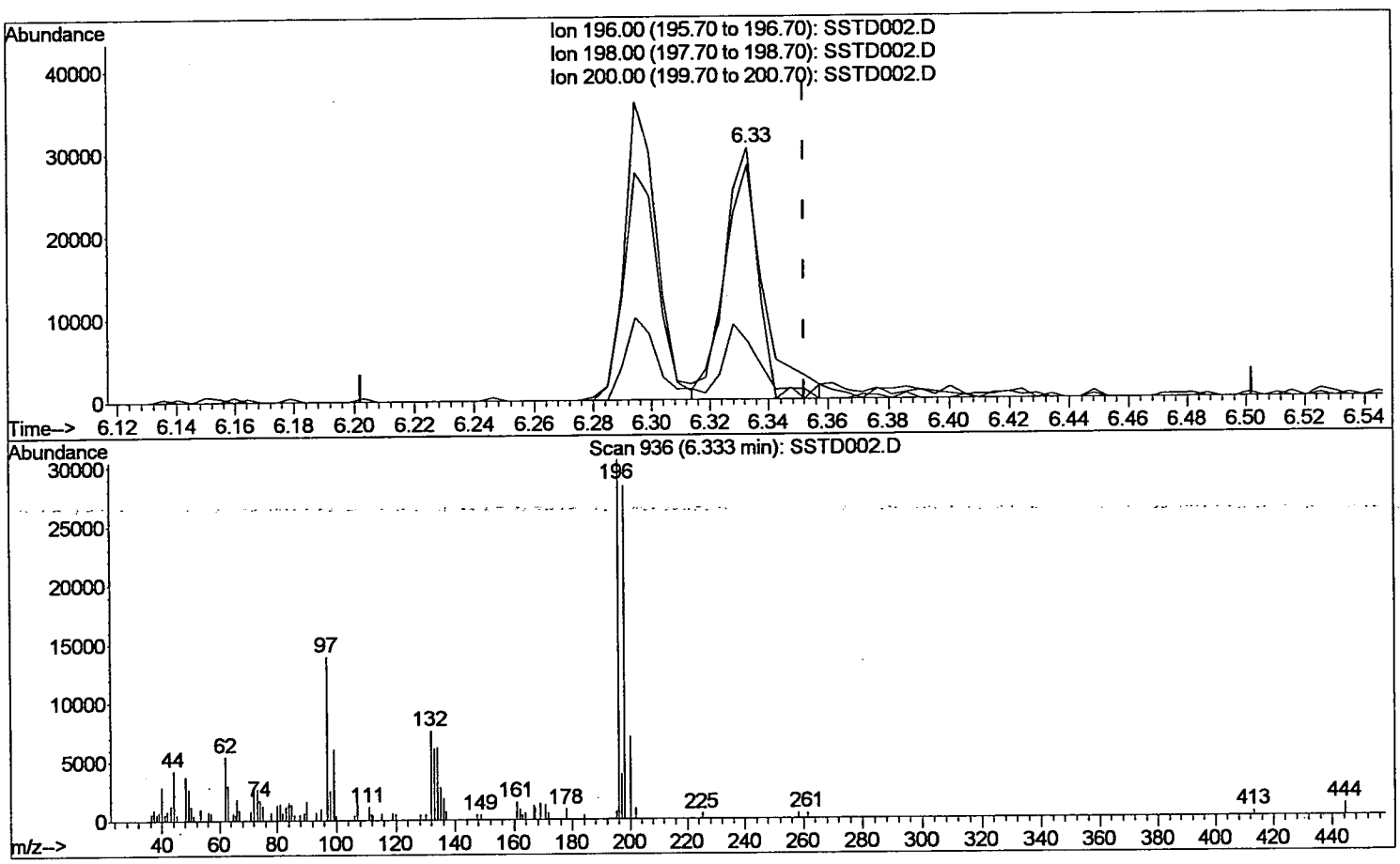
response 27797

Ion	Exp%	Act%
196.00	100	100
198.00	96.50	83.08
200.00	28.90	29.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



TIC: SSTD002.D

(39) 2,4,5-Trichlorophenol (T)

6.333min (-0.019) 1.79ppm m

response 24169

Ion	Exp%	Act%
196.00	100	100
198.00	96.50	95.56
200.00	28.90	33.43
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.12	152	792308	40.00	ppm	-0.01
20) Naphthalene-d8 (IS)	5.32	136	3129573	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	7.02	162	1509843	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	8.27	188	2263548	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	10.37	240	1564697	40.00	ppm	-0.04
82) Perylene-d12 (IS)	12.52	264	1599047	40.00	ppm	-0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	52159	2.18	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 2.18%#			
7) Phenol-d6 (SU)	3.76	99	60043	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 1.89%#			
21) Nitrobenzene-d5 (SU)	4.63	82	52746	1.90	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.80%#			
40) 2-Fluorobiphenyl (SU)	6.39	172	115021	2.23	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.46%#			
62) 2,4,6-Tribromophenol (SU)	7.70	330	12621	2.09	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.09%#			
74) Terphenyl-d14 (SU)	9.48	244	87975	2.07	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 4.14%#			
Target Compounds						Qvalue
3) Pyridine	2.00	79	51328	1.92	ppm	87
4) n-Nitrosodimethylamine	1.94	74	35697	2.21	ppm	# 100
5) bis(2-Chloroethyl)ether	3.87	93	57657	2.05	ppm	97
6) Aniline	3.83	93	92511	2.13	ppm	96
8) Phenol	3.77	94	67781	2.07	ppm	97
9) 2-Chlorophenol	3.93	128	63446	2.23	ppm	98
10) n-Decane	3.96	57	69122	2.36	ppm	99
11) 1,3-Dichlorobenzene	4.07	146	68936	2.17	ppm	98
12) 1,4-Dichlorobenzene	4.07	146	68936	2.13	ppm	98
13) 1,2-Dichlorobenzene	4.27	146	69696	2.26	ppm	92
14) Benzyl alcohol	4.24	108	29562	4.34	ppm	91
15) bis(2-chloroisopropyl)ethe	4.36	45	78449	2.06	ppm	99
16) 2-Methylphenol	4.32	107	50217	2.16	ppm	90
17) Hexachloroethane	4.59	117	23417	1.97	ppm	97
18) N-Nitroso-di-n-propylamine	4.48	70	35896	1.57	ppm	95
19) 4-Methylphenol	4.46	107	70860	2.07	ppm	91
22) Nitrobenzene	4.64	77	49038	1.72	ppm	96
23) Isophorone	4.88	82	100959	2.04	ppm	98
24) 2-Nitrophenol	4.95	139	24482	1.63	ppm	86
25) 2,4-Dimethylphenol	4.98	122	60452	2.45	ppm	86

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.08	93	65551	2.01	ppm		97
27) 2,4-Dichlorophenol	5.17	162	42653	1.94	ppm		96
28) 1,2,4-Trichlorobenzene	5.26	180	45585	2.06	ppm		98
29) Benzoic Acid	4.98	122	60452	3.70	ppm	#	13
30) Naphthalene	5.34	128	191922	2.28	ppm		95
31) 4-Chloroaniline	5.39	127	69247	1.99	ppm		99
32) Hexachlorobutadiene	5.46	225	22312	2.15	ppm		94
33) 4-Chloro-3-methylphenol	5.86	107	45083	1.92	ppm		98
34) 2-Methylnaphthalene	6.03	141	96344	1.92	ppm		97
35) 2,3-Dichloroaniline	6.30	161	56410	1.97	ppm		93
37) Hexachlorocyclopentadiene	6.17	237	17300	2.25	ppm		97
38) 2,4,6-Trichlorophenol	6.33	196	23678	1.93	ppm		93
39) 2,4,5-Trichlorophenol	6.29	196	27797	2.05	ppm		89
41) 2-Chloronaphthalene	6.50	162	99510	2.14	ppm		99
42) 2-Nitroaniline	6.60	65	26805	1.77	ppm		97
43) 1,3-Dinitrobenzene	6.80	168	15571	3.08	ppm		81
44) Acenaphthylene	6.90	152	153002	2.10	ppm		94
45) Dimethylphthalate	6.78	163	109984	1.98	ppm		99
46) 2,6-Dinitrotoluene	6.83	165	23055	1.34	ppm	#	62
47) Acenaphthene	7.05	154	94319	1.92	ppm		92
48) 3-Nitroaniline	6.99	138	19759	1.27	ppm	#	74
49) 2,4-Dinitrophenol	7.08	184	6952	6.29	ppm	#	1
50) Dibenzofuran	7.20	168	137456	2.00	ppm		95
51) 2,4-Dinitrotoluene	7.19	165	30531	1.71	ppm		95
52) 4-Nitrophenol	7.15	109	4343	0.59	ppm	#	33
53) Fluorene	7.50	166	114669	2.00	ppm		98
54) 4-Chlorophenyl-phenylether	7.50	204	45102	2.02	ppm		96
55) Diethylphthalate	7.41	149	117347	1.98	ppm		98
56) Azobenzene	7.64	77	112467	1.82	ppm		99
57) 4-Nitroaniline	7.53	138	27670	1.80	ppm	#	74
58) n-Octadecane	8.17	57	71580	1.88	ppm		95
60) 4,6-Dinitro-2-methylphenol	7.64	105	20944	8.36	ppm	#	1
61) n-Nitrosodiphenylamine	7.60	169	78717	2.10	ppm		98
63) 4-Bromophenyl-phenylether	7.91	248	22913	1.95	ppm		97
64) Hexachlorobenzene	7.95	284	29569	2.19	ppm		91
65) Pentachlorophenol	8.12	266	15339	1.95	ppm	#	81
66) Phenanthrene	8.29	178	160204	2.06	ppm		96
67) Anthracene	8.32	178	172584	2.18	ppm		97
68) Carbazole	8.45	167	154077	2.06	ppm		97
69) Di-n-butylphthalate	8.71	149	207867	2.15	ppm		99
70) Fluoranthene	9.20	202	146539	1.94	ppm		75
72) Pyrene	9.37	202	142141	2.09	ppm		97

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

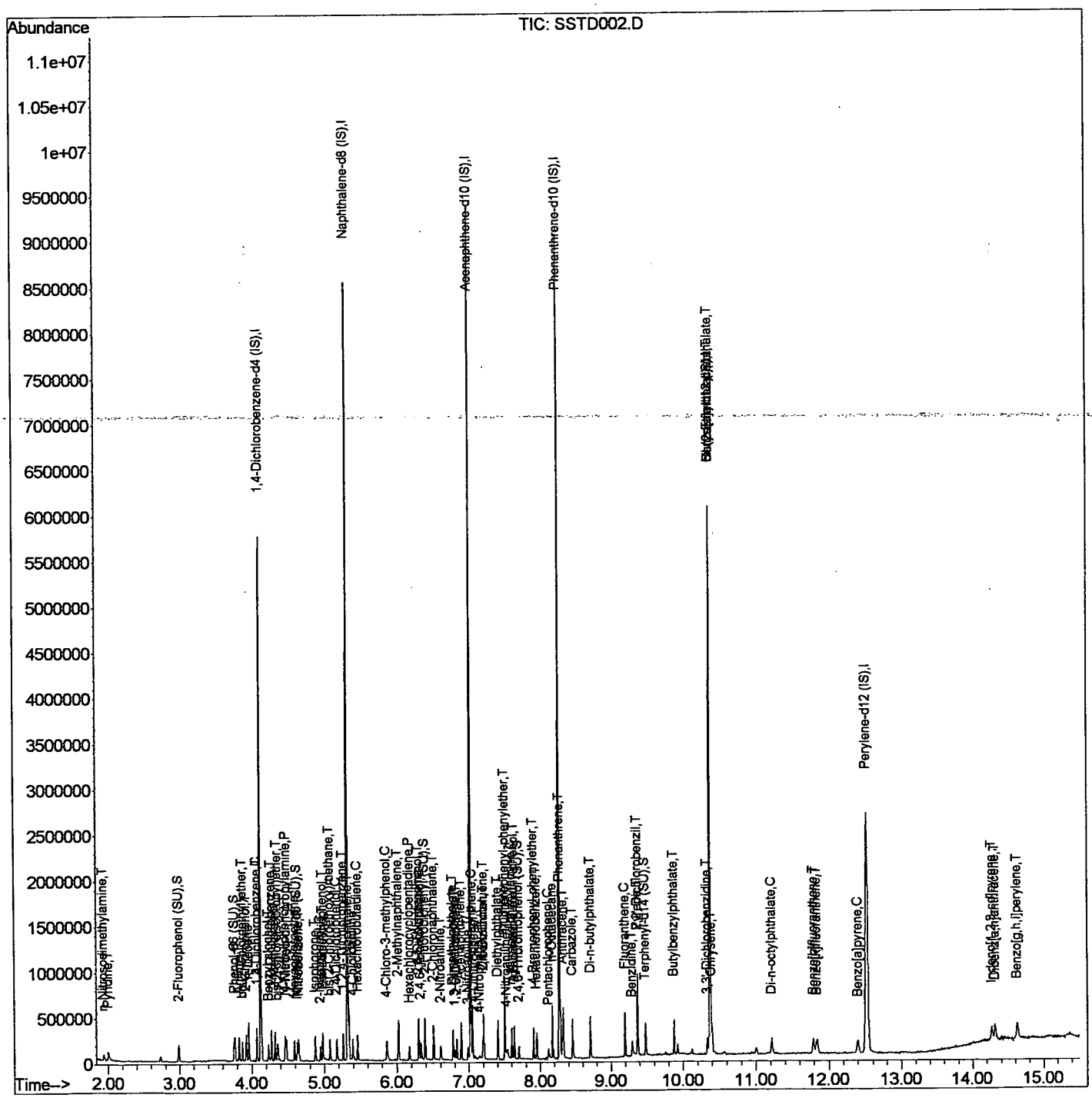
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.37	139	115884	1.95 ppm	95
75) Benzidine	9.29	184	72011	1.58 ppm	99
76) Butylbenzylphthalate	9.87	149	68542	1.80 ppm	93
77) 3,3'-Dichlorobenzidine	10.34	252	39053	2.00 ppm	97
78) Benzo[a]anthracene	10.36	228	93923	1.89 ppm	95
79) Chrysene	10.40	228	96787	2.09 ppm	97
80) bis(2-Ethylhexyl)phthalate	10.37	149	98725	1.78 ppm	99
81) Di-n-octylphthalate	11.21	149	139173	1.89 ppm	99
83) Benzo[b]fluoranthene	11.79	252	101130	1.52 ppm	85
84) Benzo[k]fluoranthene	11.84	252	101183	1.63 ppm	95
85) Benzo[a]pyrene	12.39	252	98326	1.72 ppm	88
86) Indeno[1,2,3-cd]pyrene	14.27	276	95126	2.07 ppm	73
87) Dibenz[a,h]anthracene	14.31	278	96566	2.01 ppm	97
88) Benzo[g,h,i]perylene	14.62	276	114933	2.53 ppm	72

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD002.D
Acq On : 20 Nov 2007 12:14 pm
Operator : AI/DF
Sample : 2ppm STD# 7100427
Misc : 8270/625 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 12:35:35 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:22:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	636542	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.36	136	2498244	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.06	162	1351386	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	2243115	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.42	240	1537249	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.60	264	1620728	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	93601	4.87	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 4.87%#			
7) Phenol-d6 (SU)	3.77	99	111333	4.36	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 4.36%#			
21) Nitrobenzene-d5 (SU)	4.66	82	100795	4.56	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.12%#			
40) 2-Fluorobiphenyl (SU)	6.43	172	223311	4.83	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.66%#			
62) 2,4,6-Tribromophenol (SU)	7.74	330	24174	4.04	ppm	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 4.04%#			
74) Terphenyl-d14 (SU)	9.52	244	179040	4.30	ppm	0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 8.60%#			
Target Compounds						Qvalue
3) Pyridine	1.99	79	88238	4.12	ppm	96
4) n-Nitrosodimethylamine	1.93	74	60772	4.68	ppm	# 100
5) bis(2-Chloroethyl)ether	3.89	93	97556	4.32	ppm	95
6) Aniline	3.85	93	161913	4.64	ppm	100
8) Phenol	3.79	94	128373	4.88	ppm	98
9) 2-Chlorophenol	3.95	128	109171	4.78	ppm	97
10) n-Decane	3.98	57	131518	5.58	ppm	99
11) 1,3-Dichlorobenzene	4.10	146	124734	4.90	ppm	95
12) 1,4-Dichlorobenzene	4.16	146	130886m	5.04	ppm	
13) 1,2-Dichlorobenzene	4.30	146	122736	4.95	ppm	99
14) Benzyl alcohol	4.26	108	54333	6.26	ppm	98
15) bis(2-chloroisopropyl)ethe	4.38	45	152088	4.97	ppm	# 76
16) 2-Methylphenol	4.35	107	84444	4.53	ppm	94
17) Hexachloroethane	4.62	117	47745	4.99	ppm	96
18) N-Nitroso-di-n-propylamine	4.51	70	73797	4.01	ppm	97
19) 4-Methylphenol	4.50	107	115517	4.19	ppm	98
22) Nitrobenzene	4.68	77	103677	4.55	ppm	96
23) Isophorone	4.91	82	183129	4.64	ppm	100
24) 2-Nitrophenol	4.99	139	56119	4.69	ppm	99
25) 2,4-Dimethylphenol	5.01	122	94711	4.80	ppm	93

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:22:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	126557	4.85	ppm		99
27) 2,4-Dichlorophenol	5.21	162	80886	4.60	ppm		95
28) 1,2,4-Trichlorobenzene	5.30	180	82611	4.68	ppm		97
29) Benzoic Acid	5.05	122	25939	1.99	ppm		91
30) Naphthalene	5.38	128	346779	5.15	ppm		99
31) 4-Chloroaniline	5.43	127	127781	4.60	ppm		97
32) Hexachlorobutadiene	5.50	225	34956	4.22	ppm		82
33) 4-Chloro-3-methylphenol	5.90	107	86107	4.58	ppm		92
34) 2-Methylnaphthalene	6.06	141	194894	4.87	ppm		98
35) 2,3-Dichloroaniline	6.34	161	107932	4.73	ppm		97
37) Hexachlorocyclopentadiene	6.22	237	32933	4.79	ppm		98
38) 2,4,6-Trichlorophenol	6.34	196	50979	4.63	ppm		91
39) 2,4,5-Trichlorophenol	6.37	196	52977	4.37	ppm		97
41) 2-Chloronaphthalene	6.54	162	196714	4.72	ppm		98
42) 2-Nitroaniline	6.64	65	54208	4.00	ppm		94
43) 1,3-Dinitrobenzene	6.84	168	29574	5.05	ppm		82
44) Acenaphthylene	6.93	152	313516	4.82	ppm		99
45) Dimethylphthalate	6.81	163	235115	4.73	ppm		100
46) 2,6-Dinitrotoluene	6.87	165	55488	3.61	ppm	#	54
47) Acenaphthene	7.09	154	218325	4.96	ppm		99
48) 3-Nitroaniline	7.03	138	63751	4.57	ppm		98
49) 2,4-Dinitrophenol	7.12	184	19080	8.05	ppm	#	1
50) Dibenzofuran	7.25	168	301961	4.91	ppm		97
51) 2,4-Dinitrotoluene	7.23	165	70625	4.42	ppm		95
52) 4-Nitrophenol	7.18	109	22282	3.36	ppm	#	84
53) Fluorene	7.54	166	256315	5.00	ppm		97
54) 4-Chlorophenyl-phenylether	7.54	204	96569	4.82	ppm		98
55) Diethylphthalate	7.44	149	257041	4.84	ppm		98
56) Azobenzene	7.68	77	262508	4.74	ppm		97
57) 4-Nitroaniline	7.56	138	68662	5.00	ppm		93
58) n-Octadecane	8.21	57	170461	5.01	ppm		95
60) 4,6-Dinitro-2-methylphenol	7.58	105	15930	7.34	ppm	#	82
61) n-Nitrosodiphenylamine	7.64	169	177311	4.77	ppm		98
63) 4-Bromophenyl-phenylether	7.95	248	57925	4.97	ppm		96
64) Hexachlorobenzene	7.99	284	69737	5.21	ppm		96
65) Pentachlorophenol	8.16	266	33084	4.24	ppm		95
66) Phenanthrene	8.33	178	396108	5.14	ppm		99
67) Anthracene	8.37	178	383102	4.89	ppm		99
68) Carbazole	8.49	167	348244	4.69	ppm		99
69) Di-n-butylphthalate	8.74	149	469656	4.90	ppm		100
70) Fluoranthene	9.23	202	332080	4.44	ppm		95
72) Pyrene	9.41	202	337833	5.06	ppm		96

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:22:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

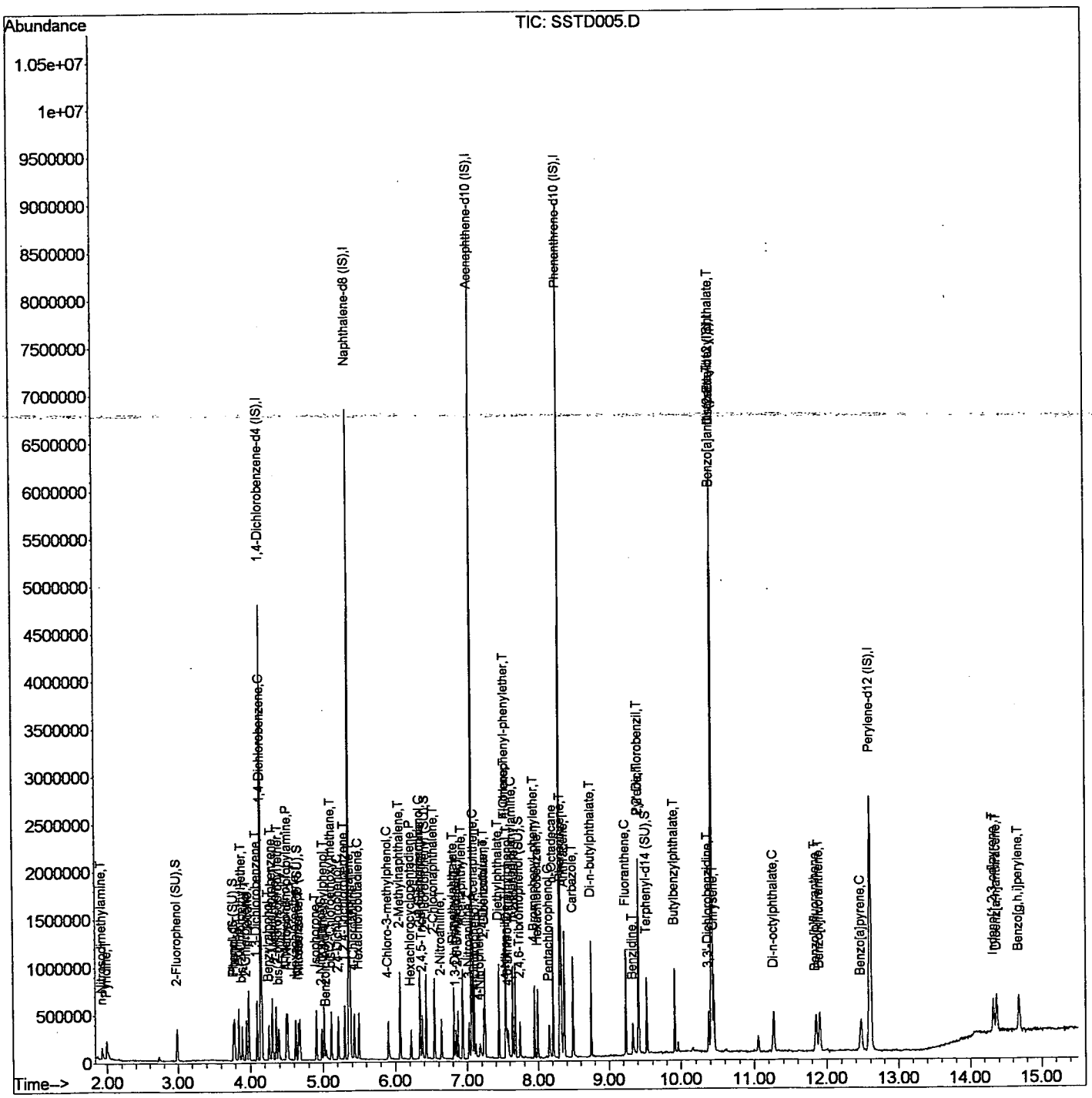
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.41	139	277975	4.77	ppm	98
75) Benzidine	9.33	184	124653	3.50	ppm	98
76) Butylbenzylphthalate	9.91	149	152371	4.08	ppm	96
77) 3,3'-Dichlorobenzidine	10.38	252	91452	4.78	ppm	97
78) Benzo[a]anthracene	10.41	228	228182	4.67	ppm	100
79) Chrysene	10.45	228	221921	4.88	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.42	149	245802	4.52	ppm	98
81) Di-n-octylphthalate	11.27	149	333980	4.62	ppm	99
83) Benzo[b]fluoranthene	11.86	252	234680	3.49	ppm	99
84) Benzo[k]fluoranthene	11.90	252	248289	3.96	ppm	98
85) Benzo[a]pyrene	12.47	252	230317	3.98	ppm	85
86) Indeno[1,2,3-cd]pyrene	14.32	276	186174	4.01	ppm	97
87) Dibenz[a,h]anthracene	14.37	278	220658	4.53	ppm	93
88) Benzo[g,h,i]perylene	14.68	276	210951	4.59	ppm	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

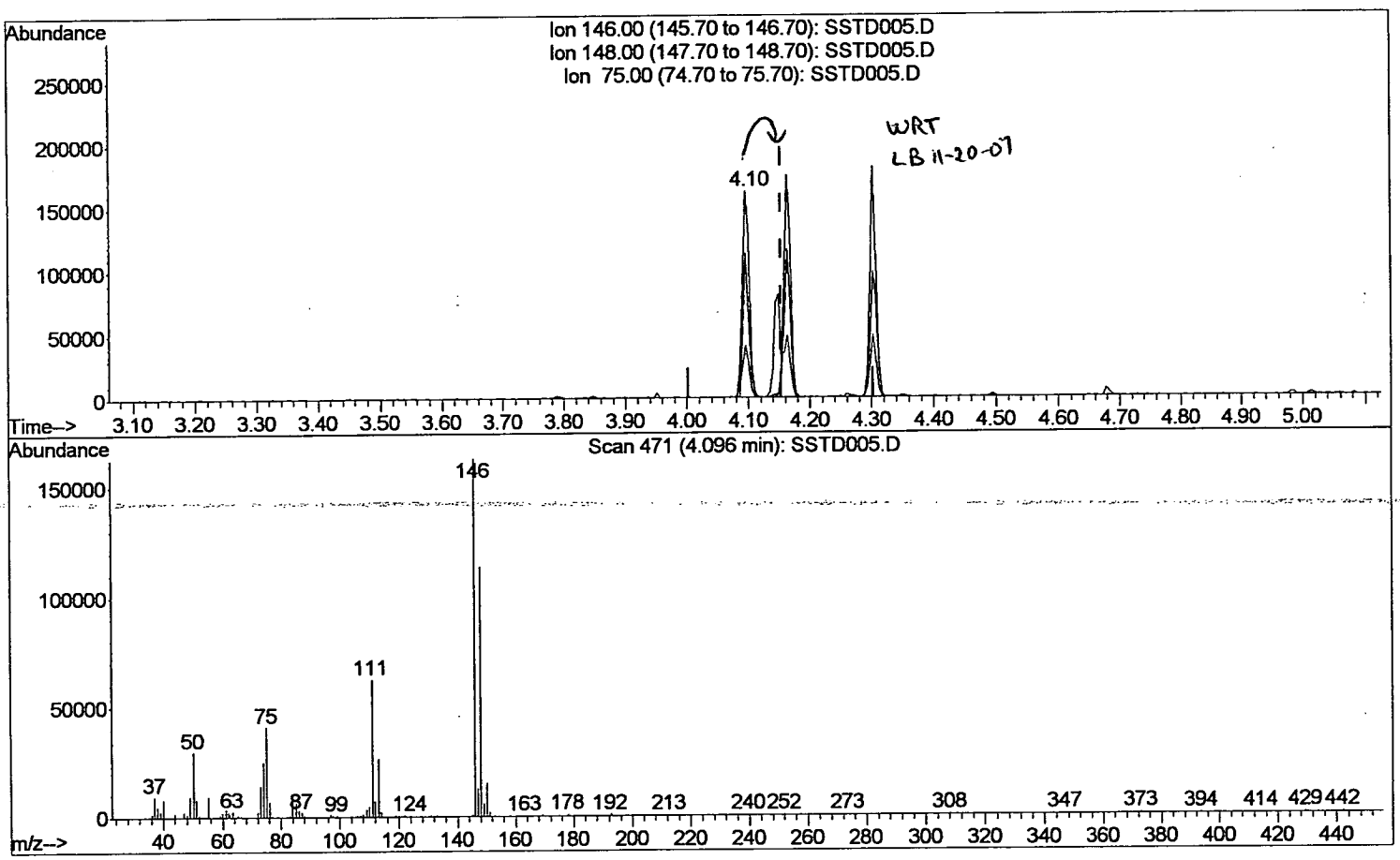
Quant Time: Nov 20 12:22:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (C)

4.096min (-0.058) 4.80ppm

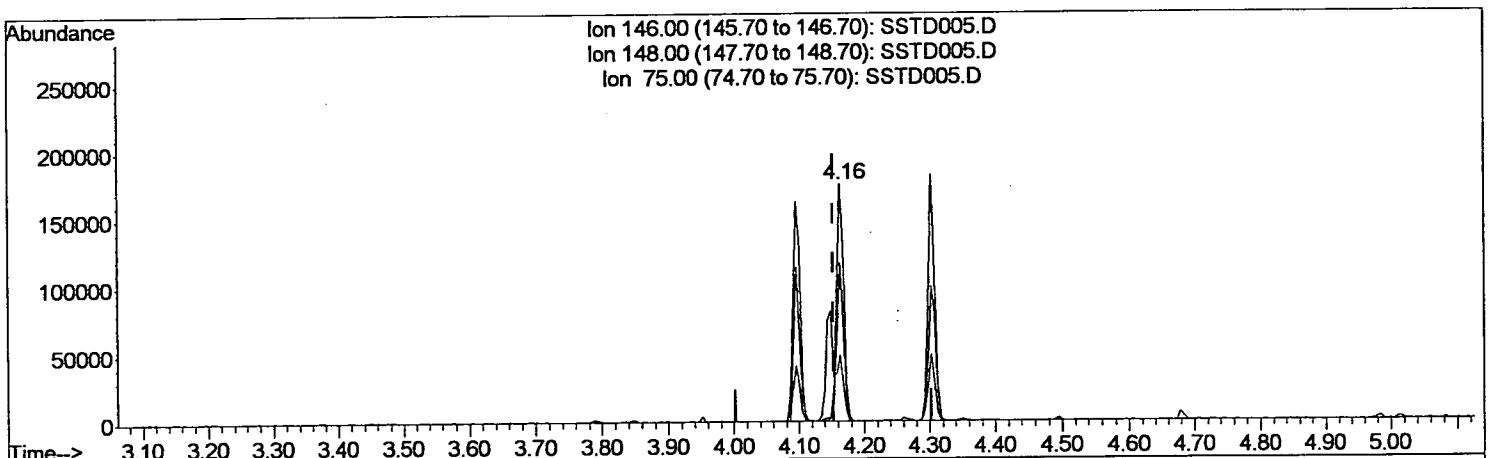
response 124734

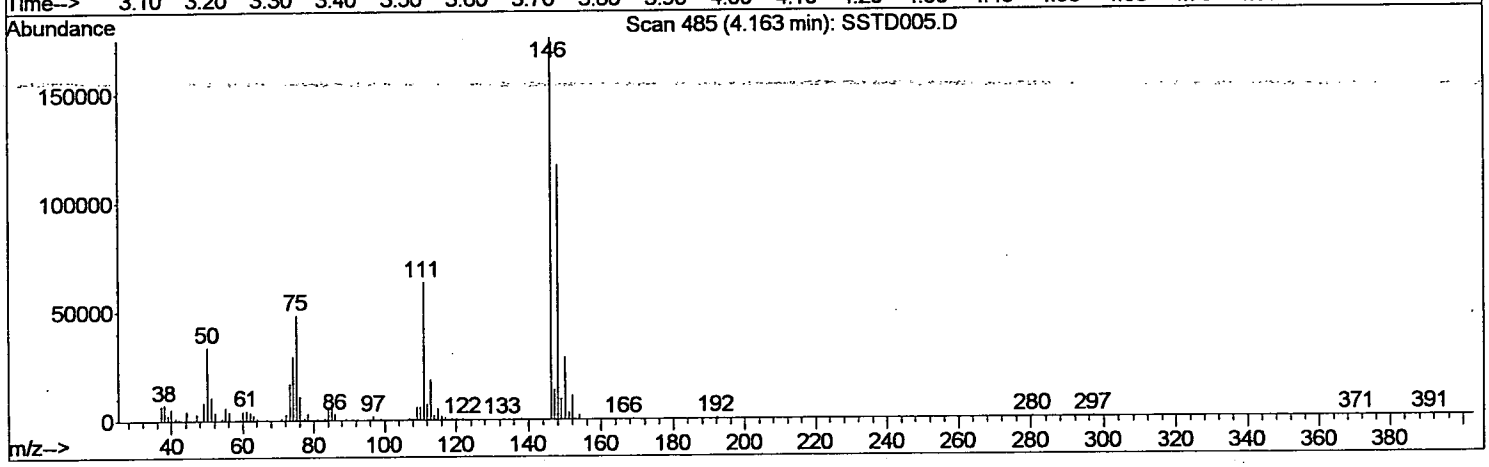
Ion	Exp%	Act%
146.00	100	100
148.00	62.40	59.59
75.00	31.40	25.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration





TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (C)

4.163min (+0.010) 5.04ppm m

response 130886

Ion	Exp%	Act%
146.00	100	100
148.00	62.40	56.79
75.00	31.40	24.28
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	636542	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.36	136	2498244	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.06	162	1351386	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	2243115	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.42	240	1537249	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.60	264	1620728	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	93601	4.87	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 4.87%#			
7) Phenol-d6 (SU)	3.77	99	111333	4.36	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 4.36%#			
21) Nitrobenzene-d5 (SU)	4.66	82	100795	4.56	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.12%#			
40) 2-Fluorobiphenyl (SU)	6.43	172	223311	4.83	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 9.66%#			
62) 2,4,6-Tribromophenol (SU)	7.74	330	24174	4.04	ppm	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 4.04%#			
74) Terphenyl-d14 (SU)	9.52	244	179040	4.30	ppm	0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 8.60%#			
Target Compounds						Qvalue
3) Pyridine	1.99	79	88238	4.12	ppm	96
4) n-Nitrosodimethylamine	1.93	74	60772	4.68	ppm #	100
5) bis(2-Chloroethyl)ether	3.89	93	97556	4.32	ppm	95
6) Aniline	3.85	93	161913	4.64	ppm	100
8) Phenol	3.79	94	128373	4.88	ppm	98
9) 2-Chlorophenol	3.95	128	109171	4.78	ppm	97
10) n-Decane	3.98	57	131518	5.58	ppm	99
11) 1,3-Dichlorobenzene	4.10	146	124734	4.90	ppm	95
12) 1,4-Dichlorobenzene	4.10	146	124734	4.80	ppm	94
13) 1,2-Dichlorobenzene	4.30	146	122736	4.95	ppm	99
14) Benzyl alcohol	4.26	108	54333	6.26	ppm	98
15) bis(2-chloroisopropyl)ethe	4.38	45	152088	4.97	ppm #	76
16) 2-Methylphenol	4.35	107	84444	4.53	ppm	94
17) Hexachloroethane	4.62	117	47745	4.99	ppm	96
18) N-Nitroso-di-n-propylamine	4.51	70	73797	4.01	ppm	97
19) 4-Methylphenol	4.50	107	115517	4.19	ppm	98
22) Nitrobenzene	4.68	77	103677	4.55	ppm	96
23) Isophorone	4.91	82	183129	4.64	ppm	100
24) 2-Nitrophenol	4.99	139	56119	4.69	ppm	99
25) 2,4-Dimethylphenol	5.01	122	94711	4.80	ppm	93

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	126557	4.85	ppm		99
27) 2,4-Dichlorophenol	5.21	162	80886	4.60	ppm		95
28) 1,2,4-Trichlorobenzene	5.30	180	82611	4.68	ppm		97
29) Benzoic Acid	5.05	122	25939	1.99	ppm		91
30) Naphthalene	5.38	128	346779	5.15	ppm		99
31) 4-Chloroaniline	5.43	127	127781	4.60	ppm		97
32) Hexachlorobutadiene	5.50	225	34956	4.22	ppm		82
33) 4-Chloro-3-methylphenol	5.90	107	86107	4.58	ppm		92
34) 2-Methylnaphthalene	6.06	141	194894	4.87	ppm		98
35) 2,3-Dichloroaniline	6.34	161	107932	4.73	ppm		97
37) Hexachlorocyclopentadiene	6.22	237	32933	4.79	ppm		98
38) 2,4,6-Trichlorophenol	6.34	196	50979	4.63	ppm		91
39) 2,4,5-Trichlorophenol	6.37	196	52977	4.37	ppm		97
41) 2-Chloronaphthalene	6.54	162	196714	4.72	ppm		98
42) 2-Nitroaniline	6.64	65	54208	4.00	ppm		94
43) 1,3-Dinitrobenzene	6.84	168	29574	5.05	ppm		82
44) Acenaphthylene	6.93	152	313516	4.82	ppm		99
45) Dimethylphthalate	6.81	163	235115	4.73	ppm		100
46) 2,6-Dinitrotoluene	6.87	165	55488	3.61	ppm	#	54
47) Acenaphthene	7.09	154	218325	4.96	ppm		99
48) 3-Nitroaniline	7.03	138	63751	4.57	ppm		98
49) 2,4-Dinitrophenol	7.12	184	19080	8.05	ppm	#	1
50) Dibenzofuran	7.25	168	301961	4.91	ppm		97
51) 2,4-Dinitrotoluene	7.23	165	70625	4.42	ppm		95
52) 4-Nitrophenol	7.18	109	22282	3.36	ppm	#	84
53) Fluorene	7.54	166	256315	5.00	ppm		97
54) 4-Chlorophenyl-phenylether	7.54	204	96569	4.82	ppm		98
55) Diethylphthalate	7.44	149	257041	4.84	ppm		98
56) Azobenzene	7.68	77	262508	4.74	ppm		97
57) 4-Nitroaniline	7.56	138	68662	5.00	ppm		93
58) n-Octadecane	8.21	57	170461	5.01	ppm		95
60) 4,6-Dinitro-2-methylphenol	7.58	105	15930	7.34	ppm	#	82
61) n-Nitrosodiphenylamine	7.64	169	177311	4.77	ppm		98
63) 4-Bromophenyl-phenylether	7.95	248	57925	4.97	ppm		96
64) Hexachlorobenzene	7.99	284	69737	5.21	ppm		96
65) Pentachlorophenol	8.16	266	33084	4.24	ppm		95
66) Phenanthrene	8.33	178	396108	5.14	ppm		99
67) Anthracene	8.37	178	383102	4.89	ppm		99
68) Carbazole	8.49	167	348244	4.69	ppm		99
69) Di-n-butylphthalate	8.74	149	469656	4.90	ppm		100
70) Fluoranthene	9.23	202	332080	4.44	ppm		95
72) Pyrene	9.41	202	337833	5.06	ppm		96

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

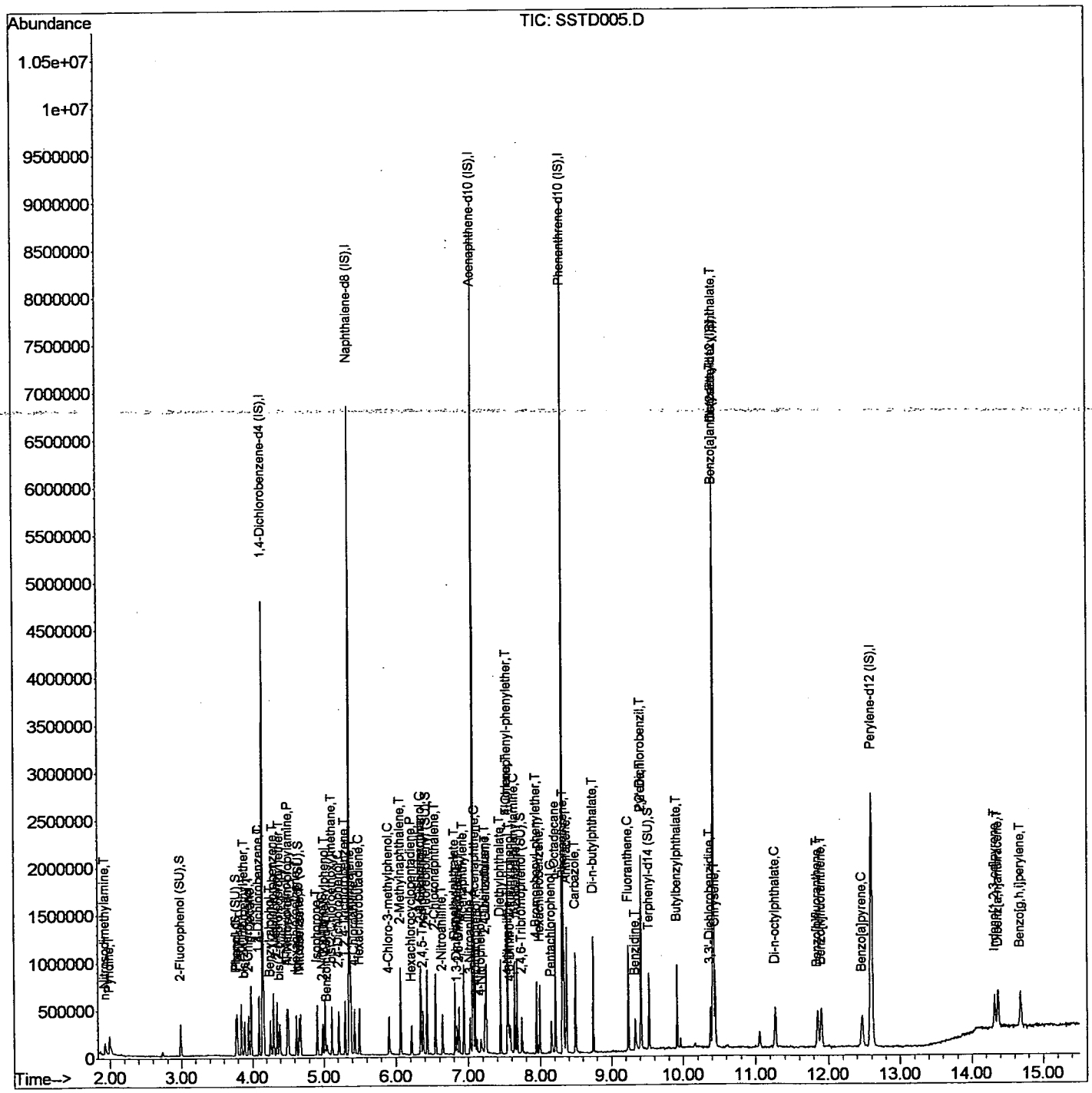
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.41	139	277975	4.77	ppm	98
75) Benzidine	9.33	184	124653	3.50	ppm	98
76) Butylbenzylphthalate	9.91	149	152371	4.08	ppm	96
77) 3,3'-Dichlorobenzidine	10.38	252	91452	4.78	ppm	97
78) Benzo[a]anthracene	10.41	228	228182	4.67	ppm	100
79) Chrysene	10.45	228	221921	4.88	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.42	149	245802	4.52	ppm	98
81) Di-n-octylphthalate	11.27	149	333980	4.62	ppm	99
83) Benzo[b]fluoranthene	11.86	252	234680	3.49	ppm	99
84) Benzo[k]fluoranthene	11.90	252	248289	3.96	ppm	98
85) Benzo[a]pyrene	12.47	252	230317	3.98	ppm	85
86) Indeno[1,2,3-cd]pyrene	14.32	276	186174	4.01	ppm	97
87) Dibenz[a,h]anthracene	14.37	278	220658	4.53	ppm	93
88) Benzo[g,h,i]perylene	14.68	276	210951	4.59	ppm	92

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD005.D
Acq On : 20 Nov 2007 10:34 am
Operator : AI/DF
Sample : 5ppm STD# 7100428
Misc : 8270/625 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 20 12:21:47 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	647052	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	2597359	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	1310177	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	2019604	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.40	240	1533225	40.00	ppm	-0.01
82) Perylene-d12 (IS)	12.56	264	1524896	40.00	ppm	-0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	200499	10.27	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 10.27%#			
7) Phenol-d6 (SU)	3.76	99	245511	9.47	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.47%#			
21) Nitrobenzene-d5 (SU)	4.64	82	214821	9.34	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 18.68%#			
40) 2-Fluorobiphenyl (SU)	6.41	172	488896	10.92	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.84%#			
62) 2,4,6-Tribromophenol (SU)	7.72	330	58625	10.89	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 10.89%#			
74) Terphenyl-d14 (SU)	9.50	244	365606	8.79	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 17.58%#			
Target Compounds						Qvalue
3) Pyridine	1.98	79	199285	9.14	ppm	97
4) n-Nitrosodimethylamine	1.93	74	110694	8.39	ppm	# 100
5) bis(2-Chloroethyl)ether	3.88	93	219530	9.56	ppm	100
6) Aniline	3.84	93	334662	9.44	ppm	96
8) Phenol	3.78	94	263148	9.84	ppm	96
9) 2-Chlorophenol	3.94	128	222117	9.57	ppm	98
10) n-Decane	3.97	57	264487	11.04	ppm	99
11) 1,3-Dichlorobenzene	4.09	146	268392	10.37	ppm	97
12) 1,4-Dichlorobenzene	4.15	146	267463	10.13	ppm	96
13) 1,2-Dichlorobenzene	4.29	146	255982	10.15	ppm	98
14) Benzyl alcohol	4.24	108	118753	10.18	ppm	91
15) bis(2-chloroisopropyl)ethe	4.37	45	310918	9.99	ppm	100
16) 2-Methylphenol	4.34	107	180135	9.50	ppm	98
17) Hexachloroethane	4.61	117	89861	9.23	ppm	96
18) N-Nitroso-di-n-propylamine	4.50	70	155272	8.30	ppm	97
19) 4-Methylphenol	4.48	107	249637	8.91	ppm	100
22) Nitrobenzene	4.66	77	216128	9.13	ppm	97
23) Isophorone	4.89	82	381671	9.30	ppm	98
24) 2-Nitrophenol	4.97	139	118886	9.55	ppm	99
25) 2,4-Dimethylphenol	5.00	122	193573	9.44	ppm	95

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	254377	9.38	ppm		99
27) 2,4-Dichlorophenol	5.19	162	187519	10.26	ppm		98
28) 1,2,4-Trichlorobenzene	5.28	180	175057	9.53	ppm		97
29) Benzoic Acid	5.03	122	70984	5.24	ppm		94
30) Naphthalene	5.36	128	746200	10.66	ppm		98
31) 4-Chloroaniline	5.41	127	276585	9.57	ppm		96
32) Hexachlorobutadiene	5.48	225	84864	9.85	ppm		95
33) 4-Chloro-3-methylphenol	5.88	107	185169	9.48	ppm		99
34) 2-Methylnaphthalene	6.04	141	390496	9.38	ppm		94
35) 2,3-Dichloroaniline	6.32	161	219485	9.24	ppm		99
37) Hexachlorocyclopentadiene	6.19	237	73126	10.97	ppm		94
38) 2,4,6-Trichlorophenol	6.32	196	106192	9.95	ppm		91
39) 2,4,5-Trichlorophenol	6.35	196	106875	9.10	ppm		95
41) 2-Chloronaphthalene	6.53	162	419727	10.38	ppm		98
42) 2-Nitroaniline	6.62	65	117691	8.95	ppm		95
43) 1,3-Dinitrobenzene	6.82	168	57619	8.82	ppm		99
44) Acenaphthylene	6.92	152	630676	10.00	ppm		98
45) Dimethylphthalate	6.79	163	455964	9.45	ppm		99
46) 2,6-Dinitrotoluene	6.85	165	105545	7.07	ppm	#	52
47) Acenaphthene	7.07	154	423976	9.94	ppm		99
48) 3-Nitroaniline	7.00	138	130733	9.67	ppm		95
49) 2,4-Dinitrophenol	7.09	184	39816	11.06	ppm		94
50) Dibenzofuran	7.22	168	600772	10.07	ppm		98
51) 2,4-Dinitrotoluene	7.21	165	126611	8.17	ppm		89
52) 4-Nitrophenol	7.15	109	52208	8.12	ppm	#	80
53) Fluorene	7.52	166	477229	9.59	ppm		99
54) 4-Chlorophenyl-phenylether	7.52	204	190162	9.79	ppm		98
55) Diethylphthalate	7.42	149	491990	9.55	ppm		99
56) Azobenzene	7.66	77	491632	9.16	ppm		99
57) 4-Nitroaniline	7.54	138	114481	8.60	ppm		97
58) n-Octadecane	8.19	57	330915	10.04	ppm		99
60) 4,6-Dinitro-2-methylphenol	7.55	105	26883	10.27	ppm	#	80
61) n-Nitrosodiphenylamine	7.62	169	336515	10.06	ppm		99
63) 4-Bromophenyl-phenylether	7.93	248	111174	10.60	ppm		94
64) Hexachlorobenzene	7.97	284	121989	10.12	ppm		98
65) Pentachlorophenol	8.13	266	67556	9.61	ppm		96
66) Phenanthrene	8.31	178	693986	9.99	ppm		99
67) Anthracene	8.34	178	706462	10.02	ppm		98
68) Carbazole	8.47	167	626730	9.38	ppm		99
69) Di-n-butylphthalate	8.72	149	844826	9.78	ppm		99
70) Fluoranthene	9.21	202	609920	9.06	ppm		99
72) Pyrene	9.39	202	628270	9.43	ppm		98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

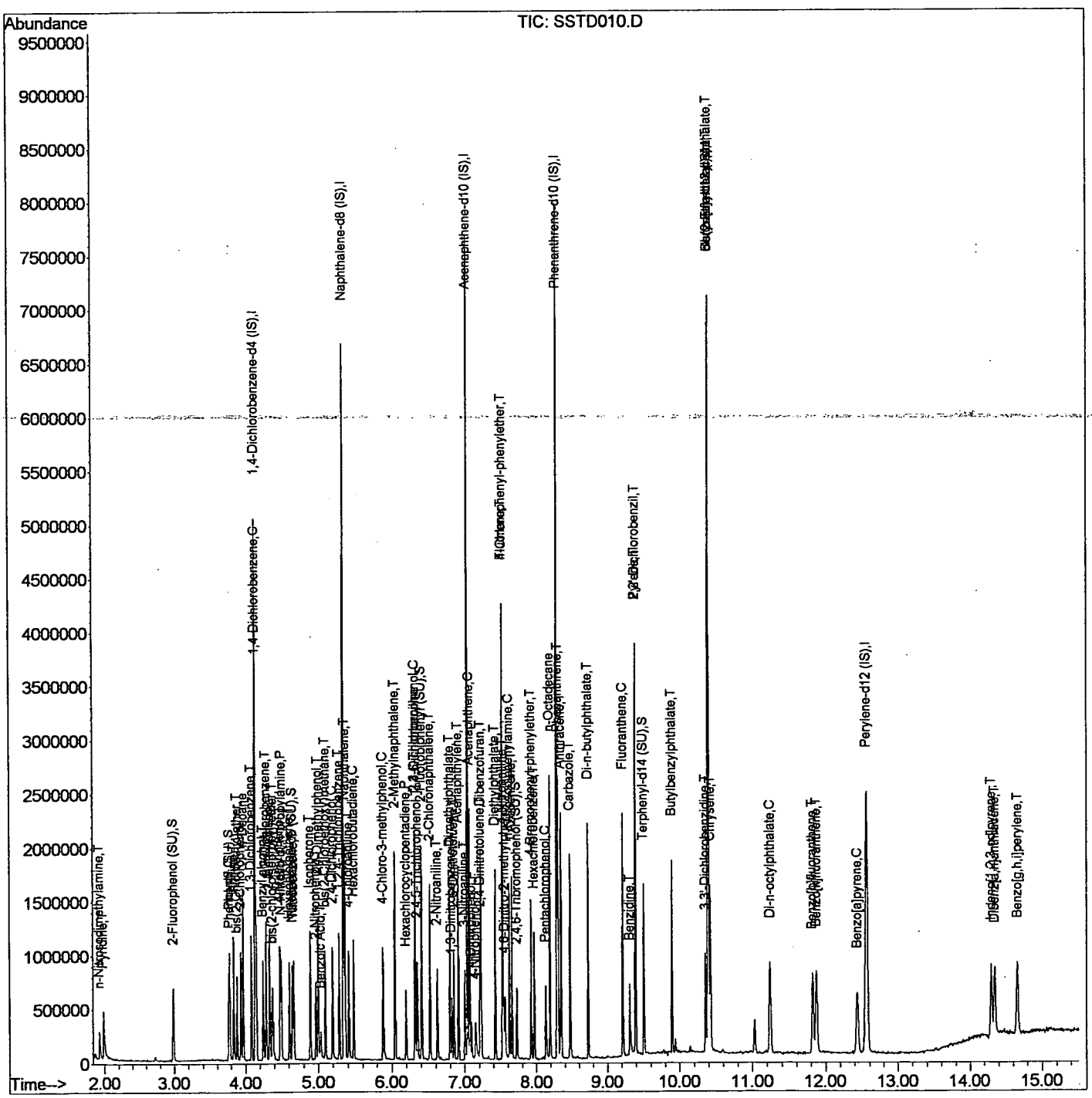
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	504820	8.69	ppm	99
75) Benzidine	9.31	184	238769	7.59	ppm	94
76) Butylbenzylphthalate	9.89	149	322766	8.67	ppm	99
77) 3,3'-Dichlorobenzidine	10.35	252	184136	9.64	ppm	96
78) Benzo[a]anthracene	10.39	228	460702	9.45	ppm	98
79) Chrysene	10.42	228	448534	9.90	ppm	97
80) bis(2-Ethylhexyl)phthalate	10.39	149	498216	9.18	ppm	98
81) Di-n-octylphthalate	11.24	149	677139	9.40	ppm	100
83) Benzo[b]fluoranthene	11.82	252	469358	7.41	ppm	99
84) Benzo[k]fluoranthene	11.87	252	489024	8.28	ppm	96
85) Benzo[a]pyrene	12.43	252	428625	7.87	ppm	87
86) Indeno[1,2,3-cd]pyrene	14.30	276	375211	8.58	ppm	97
87) Dibenz[a,h]anthracene	14.34	278	384110	8.38	ppm	98
88) Benzo[g,h,i]perylene	14.66	276	402580	9.31	ppm	99

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	647052	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	2597359	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	1310177	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	2019604	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.40	240	1533225	40.00	ppm	-0.01
82) Perylene-d12 (IS)	12.56	264	1524896	40.00	ppm	-0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	200499	10.27	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 10.27%#			
7) Phenol-d6 (SU)	3.76	99	245511	9.47	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.47%#			
21) Nitrobenzene-d5 (SU)	4.64	82	214821	9.34	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 18.68%#			
40) 2-Fluorobiphenyl (SU)	6.41	172	488896	10.92	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.84%#			
62) 2,4,6-Tribromophenol (SU)	7.72	330	58625	10.89	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 10.89%#			
74) Terphenyl-d14 (SU)	9.50	244	365606	8.79	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 17.58%#			
Target Compounds						Qvalue
3) Pyridine	1.98	79	199285	9.14	ppm	97
4) n-Nitrosodimethylamine	1.93	74	110694	8.39	ppm	# 100
5) bis(2-Chloroethyl)ether	3.88	93	219530	9.56	ppm	100
6) Aniline	3.84	93	334662	9.44	ppm	96
8) Phenol	3.78	94	263148	9.84	ppm	96
9) 2-Chlorophenol	3.94	128	222117	9.57	ppm	98
10) n-Decane	3.97	57	264487	11.04	ppm	99
11) 1,3-Dichlorobenzene	4.09	146	268392	10.37	ppm	97
12) 1,4-Dichlorobenzene	4.15	146	267463	10.13	ppm	96
13) 1,2-Dichlorobenzene	4.29	146	255982	10.15	ppm	98
14) Benzyl alcohol	4.24	108	118753	10.18	ppm	91
15) bis(2-chloroisopropyl)ethe	4.37	45	310918	9.99	ppm	100
16) 2-Methylphenol	4.34	107	180135	9.50	ppm	98
17) Hexachloroethane	4.61	117	89861	9.23	ppm	96
18) N-Nitroso-di-n-propylamine	4.50	70	155272	8.30	ppm	97
19) 4-Methylphenol	4.48	107	249637	8.91	ppm	100
22) Nitrobenzene	4.66	77	216128	9.13	ppm	97
23) Isophorone	4.89	82	381671	9.30	ppm	98
24) 2-Nitrophenol	4.97	139	118886	9.55	ppm	99
25) 2,4-Dimethylphenol	5.00	122	193573	9.44	ppm	95

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	254377	9.38	ppm		99
27) 2,4-Dichlorophenol	5.19	162	187519	10.26	ppm		98
28) 1,2,4-Trichlorobenzene	5.28	180	175057	9.53	ppm		97
29) Benzoic Acid	5.03	122	70984	5.24	ppm		94
30) Naphthalene	5.36	128	746200	10.66	ppm		98
31) 4-Chloroaniline	5.41	127	276585	9.57	ppm		96
32) Hexachlorobutadiene	5.48	225	84864	9.85	ppm		95
33) 4-Chloro-3-methylphenol	5.88	107	185169	9.48	ppm		99
34) 2-Methylnaphthalene	6.04	141	390496	9.38	ppm		94
35) 2,3-Dichloroaniline	6.32	161	219485	9.24	ppm		99
37) Hexachlorocyclopentadiene	6.19	237	73126	10.97	ppm		94
38) 2,4,6-Trichlorophenol	6.32	196	106192	9.95	ppm		91
39) 2,4,5-Trichlorophenol	6.35	196	106875	9.10	ppm		95
41) 2-Chloronaphthalene	6.53	162	419727	10.38	ppm		98
42) 2-Nitroaniline	6.62	65	117691	8.95	ppm		95
43) 1,3-Dinitrobenzene	6.82	168	57619	8.82	ppm		99
44) Acenaphthylene	6.92	152	630676	10.00	ppm		98
45) Dimethylphthalate	6.79	163	455964	9.45	ppm		99
46) 2,6-Dinitrotoluene	6.85	165	105545	7.07	ppm	#	52
47) Acenaphthene	7.07	154	423976	9.94	ppm		99
48) 3-Nitroaniline	7.00	138	130733	9.67	ppm		95
49) 2,4-Dinitrophenol	7.09	184	39816	11.06	ppm		94
50) Dibenzofuran	7.22	168	600772	10.07	ppm		98
51) 2,4-Dinitrotoluene	7.21	165	126611	8.17	ppm		89
52) 4-Nitrophenol	7.15	109	52208	8.12	ppm	#	80
53) Fluorene	7.52	166	477229	9.59	ppm		99
54) 4-Chlorophenyl-phenylether	7.52	204	190162	9.79	ppm		98
55) Diethylphthalate	7.42	149	491990	9.55	ppm		99
56) Azobenzene	7.66	77	491632	9.16	ppm		99
57) 4-Nitroaniline	7.54	138	114481	8.60	ppm		97
58) n-Octadecane	8.19	57	330915	10.04	ppm		99
60) 4,6-Dinitro-2-methylphenol	7.55	105	26883	10.27	ppm	#	80
61) n-Nitrosodiphenylamine	7.62	169	336515	10.06	ppm		99
63) 4-Bromophenyl-phenylether	7.93	248	111174	10.60	ppm		94
64) Hexachlorobenzene	7.97	284	121989	10.12	ppm		98
65) Pentachlorophenol	8.13	266	67556	9.61	ppm		96
66) Phenanthrene	8.31	178	693986	9.99	ppm		99
67) Anthracene	8.34	178	706462	10.02	ppm		98
68) Carbazole	8.47	167	626730	9.38	ppm		99
69) Di-n-butylphthalate	8.72	149	844826	9.78	ppm		99
70) Fluoranthene	9.21	202	609920	9.06	ppm		99
72) Pyrene	9.39	202	628270	9.43	ppm		98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

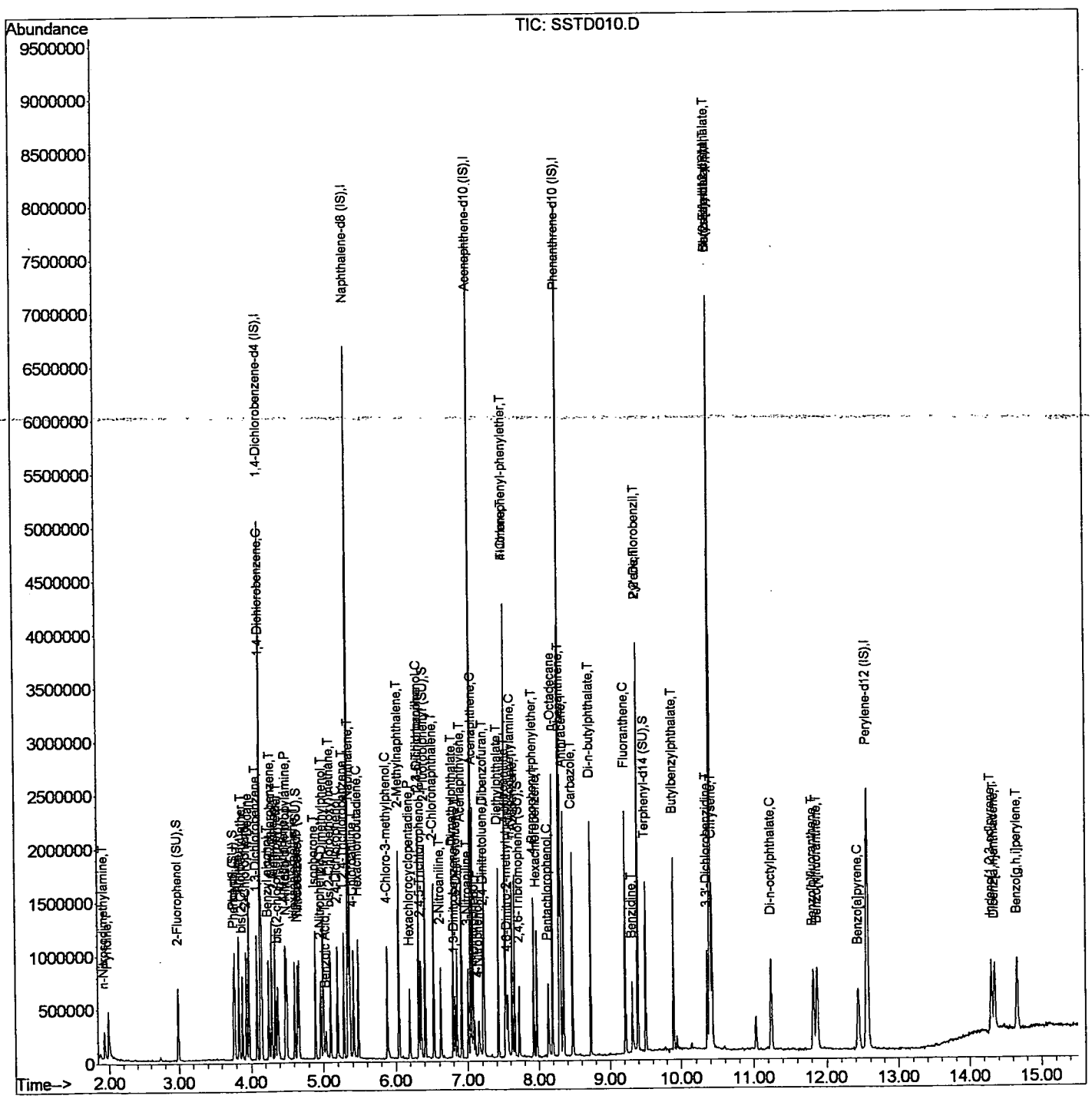
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	504820	8.69 ppm	99
75) Benzidine	9.31	184	238769	7.59 ppm	94
76) Butylbenzylphthalate	9.89	149	322766	8.67 ppm	99
77) 3,3'-Dichlorobenzidine	10.35	252	184136	9.64 ppm	96
78) Benzo[a]anthracene	10.39	228	460702	9.45 ppm	98
79) Chrysene	10.42	228	448534	9.90 ppm	97
80) bis(2-Ethylhexyl)phthalate	10.39	149	498216	9.18 ppm	98
81) Di-n-octylphthalate	11.24	149	677139	9.40 ppm	100
83) Benzo[b]fluoranthene	11.82	252	469358	7.41 ppm	99
84) Benzo[k]fluoranthene	11.87	252	489024	8.28 ppm	96
85) Benzo[a]pyrene	12.43	252	428625	7.87 ppm	87
86) Indeno[1,2,3-cd]pyrene	14.30	276	375211	8.58 ppm	97
87) Dibenz[a,h]anthracene	14.34	278	384110	8.38 ppm	98
88) Benzo[g,h,i]perylene	14.66	276	402580	9.31 ppm	99

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD010.D
Acq On : 20 Nov 2007 10:54 am
Operator : AI/DF
Sample : 10ppm STD# 7100429
Misc : 8270/625 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 12:24:43 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.14	152	676478	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	5.34	136	2708715	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	7.04	162	1397699	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	8.29	188	2145634	40.00	ppm		0.00
71) Chrysene-d12 (IS)	10.41	240	1672422	40.00	ppm		0.00
82) Perylene-d12 (IS)	12.57	264	1208561	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.99	112	1032310	50.58	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.58%				
7) Phenol-d6 (SU)	3.77	99	1292012	47.65	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.65%				
21) Nitrobenzene-d5 (SU)	4.65	82	1109973	46.28	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 92.56%				
40) 2-Fluorobiphenyl (SU)	6.41	172	2395094	50.14	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 100.28%				
62) 2,4,6-Tribromophenol (SU)	7.73	330	316878	55.42	ppm		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.42%				
74) Terphenyl-d14 (SU)	9.51	244	2110499	46.54	ppm		0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 93.08%				
Target Compounds							Qvalue
3) Pyridine	1.97	79	1131652	49.67	ppm		100
4) n-Nitrosodimethylamine	1.92	74	681722	49.41	ppm	#	100
5) bis(2-Chloroethyl)ether	3.88	93	1125446	46.88	ppm		100
6) Aniline	3.84	93	1686044	45.51	ppm		100
8) Phenol	3.78	94	1354663	48.44	ppm		100
9) 2-Chlorophenol	3.94	128	1155773	47.65	ppm		100
10) n-Decane	3.97	57	1396936	55.80	ppm		100
11) 1,3-Dichlorobenzene	4.09	146	1370981	50.65	ppm		99
12) 1,4-Dichlorobenzene	4.15	146	1403774	50.85	ppm		100
13) 1,2-Dichlorobenzene	4.29	146	1308115	49.60	ppm		100
14) Benzyl alcohol	4.25	108	709561	44.72	ppm		100
15) bis(2-chloroisopropyl)ethe	4.37	45	1602335	49.24	ppm	#	77
16) 2-Methylphenol	4.34	107	942409	47.56	ppm		100
17) Hexachloroethane	4.61	117	485491	47.72	ppm		100
18) N-Nitroso-di-n-propylamine	4.50	70	797865	40.79	ppm		100
19) 4-Methylphenol	4.49	107	1349816	46.10	ppm		100
22) Nitrobenzene	4.67	77	1119112	45.34	ppm		100
23) Isophorone	4.89	82	1968146	45.98	ppm		100
24) 2-Nitrophenol	4.97	139	624130	48.10	ppm		100
25) 2,4-Dimethylphenol	5.00	122	1049588	49.10	ppm		100

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	1338551	47.34	ppm		100
27) 2,4-Dichlorophenol	5.20	162	938369	49.21	ppm		100
28) 1,2,4-Trichlorobenzene	5.28	180	923195	48.20	ppm		100
29) Benzoic Acid	5.08	122	611394	43.27	ppm		100
30) Naphthalene	5.37	128	3598162	49.29	ppm		100
31) 4-Chloroaniline	5.41	127	1459458	48.41	ppm		100
32) Hexachlorobutadiene	5.48	225	421156	46.88	ppm		100
33) 4-Chloro-3-methylphenol	5.89	107	990363	48.61	ppm		100
34) 2-Methylnaphthalene	6.04	141	2057577	47.40	ppm		100
35) 2,3-Dichloroaniline	6.32	161	1123891	45.39	ppm		100
37) Hexachlorocyclopentadiene	6.20	237	365739	51.42	ppm		100
38) 2,4,6-Trichlorophenol	6.32	196	553089	48.59	ppm		90
39) 2,4,5-Trichlorophenol	6.35	196	601799	48.05	ppm		100
41) 2-Chloronaphthalene	6.53	162	2114088	49.00	ppm		100
42) 2-Nitroaniline	6.63	65	625417	44.59	ppm		100
43) 1,3-Dinitrobenzene	6.83	168	348217	44.62	ppm		100
44) Acenaphthylene	6.91	152	3229958	47.99	ppm		100
45) Dimethylphthalate	6.80	163	2402884	46.69	ppm		100
46) 2,6-Dinitrotoluene	6.86	165	544136	34.18	ppm	#	54
47) Acenaphthene	7.07	154	2176180	47.83	ppm		100
48) 3-Nitroaniline	7.01	138	714731	49.56	ppm		100
49) 2,4-Dinitrophenol	7.10	184	286424	43.34	ppm		100
50) Dibenzofuran	7.23	168	3070351	48.22	ppm		100
51) 2,4-Dinitrotoluene	7.22	165	760405	45.98	ppm		100
52) 4-Nitrophenol	7.16	109	314617	45.89	ppm		100
53) Fluorene	7.53	166	2535382	47.78	ppm		100
54) 4-Chlorophenyl-phenylether	7.53	204	968550	46.76	ppm		100
55) Diethylphthalate	7.43	149	2515760	45.78	ppm		100
56) Azobenzene	7.66	77	2540711	44.37	ppm		100
57) 4-Nitroaniline	7.55	138	566017	39.88	ppm		100
58) n-Octadecane	8.19	57	1831800	52.10	ppm		100
60) 4,6-Dinitro-2-methylphenol	7.56	105	185556	44.83	ppm		100
61) n-Nitrosodiphenylamine	7.62	169	1781852	50.12	ppm		100
63) 4-Bromophenyl-phenylether	7.93	248	546841	49.09	ppm		100
64) Hexachlorobenzene	7.97	284	638341	49.86	ppm		100
65) Pentachlorophenol	8.13	266	397616	53.24	ppm		100
66) Phenanthrene	8.31	178	3486275	47.25	ppm		100
67) Anthracene	8.35	178	3474458	46.40	ppm		100
68) Carbazole	8.47	167	3105506	43.75	ppm		100
69) Di-n-butylphthalate	8.73	149	3670321	40.00	ppm		100
70) Fluoranthene	9.22	202	2859064	39.96	ppm		100
72) Pyrene	9.39	202	3065212	42.19	ppm		100

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

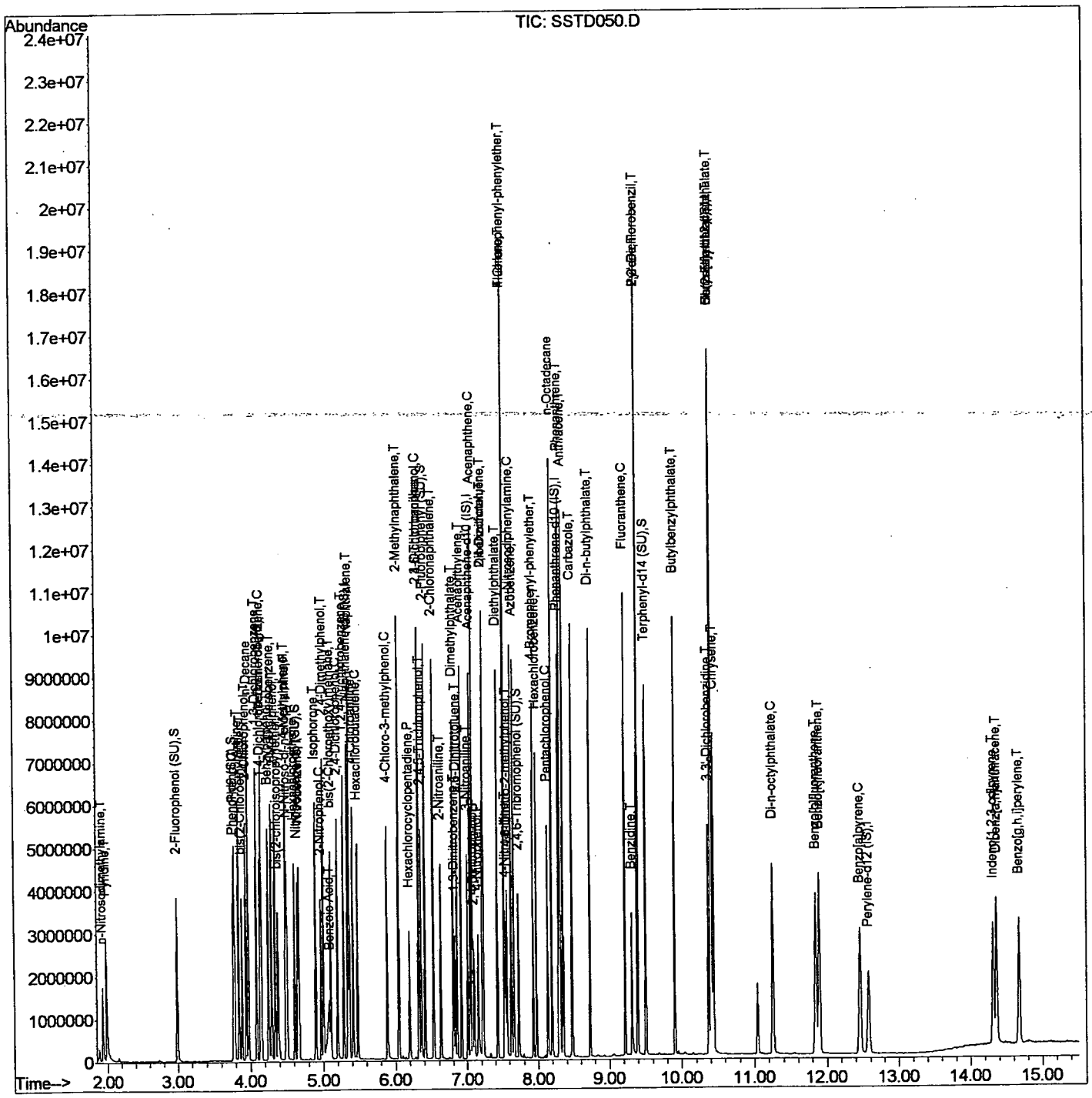
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	2823605	44.54	ppm	100
75) Benzidine	9.32	184	1088904	34.75	ppm	100
76) Butylbenzylphthalate	9.90	149	1900113	46.77	ppm	100
77) 3,3'-Dichlorobenzidine	10.37	252	969700	46.56	ppm	100
78) Benzo[a]anthracene	10.40	228	2467148	46.39	ppm	100
79) Chrysene	10.44	228	2360963	47.76	ppm	100
80) bis(2-Ethylhexyl)phthalate	10.41	149	2621609	44.30	ppm	100
81) Di-n-octylphthalate	11.25	149	3357260	42.71	ppm	100
83) Benzo[b]fluoranthene	11.85	252	2371488	47.25	ppm	99
84) Benzo[k]fluoranthene	11.89	252	2394815	51.16	ppm	100
85) Benzo[a]pyrene	12.46	252	2147581	49.77	ppm	90
86) Indeno[1,2,3-cd]pyrene	14.31	276	1743180	50.30	ppm	100
87) Dibenz[a,h]anthracene	14.36	278	1856514	51.10	ppm	99
88) Benzo[g,h,i]perylene	14.68	276	1757896	51.28	ppm	100

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.14	152	676478	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	5.34	136	2708715	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	7.04	162	1397699	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	8.29	188	2145634	40.00	ppm		0.00
71) Chrysene-d12 (IS)	10.41	240	1672422	40.00	ppm		0.00
82) Perylene-d12 (IS)	12.57	264	1208561	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.99	112	1032310	50.58	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.58%				
7) Phenol-d6 (SU)	3.77	99	1292012	47.65	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.65%				
21) Nitrobenzene-d5 (SU)	4.65	82	1109973	46.28	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 92.56%				
40) 2-Fluorobiphenyl (SU)	6.41	172	2395094	50.14	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 100.28%				
62) 2,4,6-Tribromophenol (SU)	7.73	330	316878	55.42	ppm		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.42%				
74) Terphenyl-d14 (SU)	9.51	244	2110499	46.54	ppm		0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 93.08%				
Target Compounds							Qvalue
3) Pyridine	1.97	79	1131652	49.67	ppm		100
4) n-Nitrosodimethylamine	1.92	74	681722	49.41	ppm	#	100
5) bis(2-Chloroethyl)ether	3.88	93	1125446	46.88	ppm		100
6) Aniline	3.84	93	1686044	45.51	ppm		100
8) Phenol	3.78	94	1354663	48.44	ppm		100
9) 2-Chlorophenol	3.94	128	1155773	47.65	ppm		100
10) n-Decane	3.97	57	1396936	55.80	ppm		100
11) 1,3-Dichlorobenzene	4.09	146	1370981	50.65	ppm		99
12) 1,4-Dichlorobenzene	4.15	146	1403774	50.85	ppm		100
13) 1,2-Dichlorobenzene	4.29	146	1308115	49.60	ppm		100
14) Benzyl alcohol	4.25	108	709561	44.72	ppm		100
15) bis(2-chloroisopropyl)ethe	4.37	45	1602335	49.24	ppm	#	77
16) 2-Methylphenol	4.34	107	942409	47.56	ppm		100
17) Hexachloroethane	4.61	117	485491	47.72	ppm		100
18) N-Nitroso-di-n-propylamine	4.50	70	797865	40.79	ppm		100
19) 4-Methylphenol	4.49	107	1349816	46.10	ppm		100
22) Nitrobenzene	4.67	77	1119112	45.34	ppm		100
23) Isophorone	4.89	82	1968146	45.98	ppm		100
24) 2-Nitrophenol	4.97	139	624130	48.10	ppm		100
25) 2,4-Dimethylphenol	5.00	122	1049588	49.10	ppm		100

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	1338551	47.34	ppm		100
27) 2,4-Dichlorophenol	5.20	162	938369	49.21	ppm		100
28) 1,2,4-Trichlorobenzene	5.28	180	923195	48.20	ppm		100
29) Benzoic Acid	5.08	122	611394	43.27	ppm		100
30) Naphthalene	5.37	128	3598162	49.29	ppm		100
31) 4-Chloroaniline	5.41	127	1459458	48.41	ppm		100
32) Hexachlorobutadiene	5.48	225	421156	46.88	ppm		100
33) 4-Chloro-3-methylphenol	5.89	107	990363	48.61	ppm		100
34) 2-Methylnaphthalene	6.04	141	2057577	47.40	ppm		100
35) 2,3-Dichloroaniline	6.32	161	1123891	45.39	ppm		100
37) Hexachlorocyclopentadiene	6.20	237	365739	51.42	ppm		100
38) 2,4,6-Trichlorophenol	6.32	196	553089	48.59	ppm		90
39) 2,4,5-Trichlorophenol	6.35	196	601799	48.05	ppm		100
41) 2-Chloronaphthalene	6.53	162	2114088	49.00	ppm		100
42) 2-Nitroaniline	6.63	65	625417	44.59	ppm		100
43) 1,3-Dinitrobenzene	6.83	168	348217	44.62	ppm		100
44) Acenaphthylene	6.91	152	3229958	47.99	ppm		100
45) Dimethylphthalate	6.80	163	2402884	46.69	ppm		100
46) 2,6-Dinitrotoluene	6.86	165	544136	34.18	ppm	#	54
47) Acenaphthene	7.07	154	2176180	47.83	ppm		100
48) 3-Nitroaniline	7.01	138	714731	49.56	ppm		100
49) 2,4-Dinitrophenol	7.10	184	286424	43.34	ppm		100
50) Dibenzofuran	7.23	168	3070351	48.22	ppm		100
51) 2,4-Dinitrotoluene	7.22	165	760405	45.98	ppm		100
52) 4-Nitrophenol	7.16	109	314617	45.89	ppm		100
53) Fluorene	7.53	166	2535382	47.78	ppm		100
54) 4-Chlorophenyl-phenylether	7.53	204	968550	46.76	ppm		100
55) Diethylphthalate	7.43	149	2515760	45.78	ppm		100
56) Azobenzene	7.66	77	2540711	44.37	ppm		100
57) 4-Nitroaniline	7.55	138	566017	39.88	ppm		100
58) n-Octadecane	8.19	57	1831800	52.10	ppm		100
60) 4,6-Dinitro-2-methylphenol	7.56	105	185556	44.83	ppm		100
61) n-Nitrosodiphenylamine	7.62	169	1781852	50.12	ppm		100
63) 4-Bromophenyl-phenylether	7.93	248	546841	49.09	ppm		100
64) Hexachlorobenzene	7.97	284	638341	49.86	ppm		100
65) Pentachlorophenol	8.13	266	397616	53.24	ppm		100
66) Phenanthrene	8.31	178	3486275	47.25	ppm		100
67) Anthracene	8.35	178	3474458	46.40	ppm		100
68) Carbazole	8.47	167	3105506	43.75	ppm		100
69) Di-n-butylphthalate	8.73	149	3670321	40.00	ppm		100
70) Fluoranthene	9.22	202	2859064	39.96	ppm		100
72) Pyrene	9.39	202	3065212	42.19	ppm		100

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

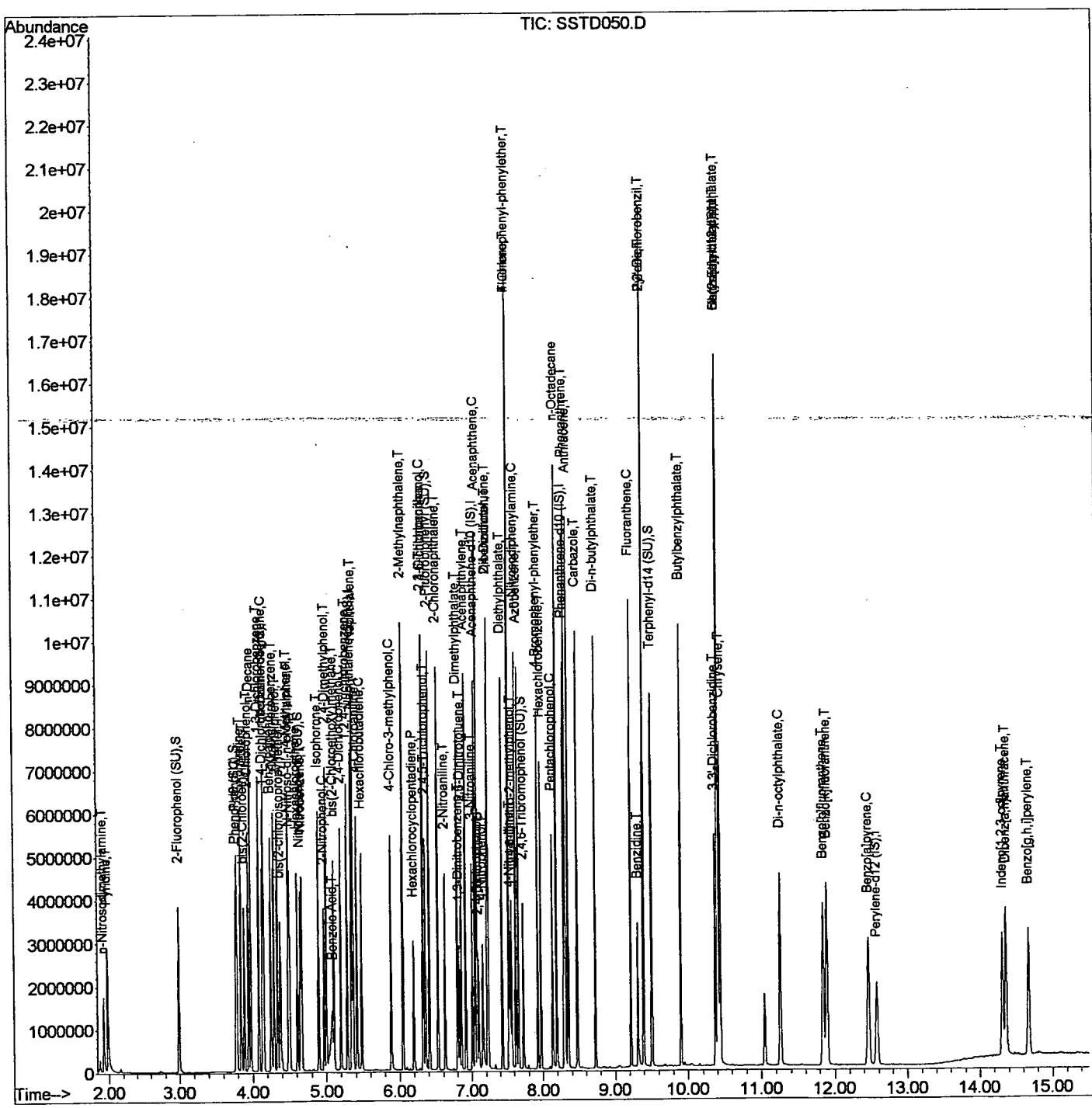
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	2823605	44.54	ppm	100
75) Benzidine	9.32	184	1088904	34.75	ppm	100
76) Butylbenzylphthalate	9.90	149	1900113	46.77	ppm	100
77) 3,3'-Dichlorobenzidine	10.37	252	969700	46.56	ppm	100
78) Benzo[a]anthracene	10.40	228	2467148	46.39	ppm	100
79) Chrysene	10.44	228	2360963	47.76	ppm	100
80) bis(2-Ethylhexyl)phthalate	10.41	149	2621609	44.30	ppm	100
81) Di-n-octylphthalate	11.25	149	3357260	42.71	ppm	100
83) Benzo[b]fluoranthene	11.85	252	2371488	47.25	ppm	99
84) Benzo[k]fluoranthene	11.89	252	2394815	51.16	ppm	100
85) Benzo[a]pyrene	12.46	252	2147581	49.77	ppm	90
86) Indeno[1,2,3-cd]pyrene	14.31	276	1743180	50.30	ppm	100
87) Dibenz[a,h]anthracene	14.36	278	1856514	51.10	ppm	99
88) Benzo[g,h,i]perylene	14.68	276	1757896	51.28	ppm	100

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD050.D
Acq On : 20 Nov 2007 10:13 am
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 12:27:30 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.12	152	639603	40.00	ppm	-0.01
20) Naphthalene-d8 (IS)	5.32	136	2666775	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	7.03	162	1390368	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	8.27	188	2025871	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	10.38	240	1661191	40.00	ppm	-0.03
82) Perylene-d12 (IS)	12.52	264	1417055	40.00	ppm	-0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	1533431	79.47	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 79.47%			
7) Phenol-d6 (SU)	3.76	99	1906791	74.39	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 74.39%			
21) Nitrobenzene-d5 (SU)	4.63	82	1734848	73.47	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 146.94%#			
40) 2-Fluorobiphenyl (SU)	6.39	172	3764004	79.21	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 158.42%#			
62) 2,4,6-Tribromophenol (SU)	7.71	330	526340	97.49	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.49%			
74) Terphenyl-d14 (SU)	9.48	244	3415807	75.84	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 151.68%#			
Target Compounds						Qvalue
3) Pyridine	1.97	79	1700177	78.93	ppm	99
4) n-Nitrosodimethylamine	1.92	74	1017162	77.98	ppm	# 100
5) bis(2-Chloroethyl)ether	3.87	93	1701837	74.98	ppm	98
6) Aniline	3.83	93	2471928	70.57	ppm	100
8) Phenol	3.77	94	2035421	76.98	ppm	99
9) 2-Chlorophenol	3.93	128	1776426	77.46	ppm	98
10) n-Decane	3.96	57	2099244	88.68	ppm	100
11) 1,3-Dichlorobenzene	4.07	146	2080988	81.31	ppm	97
12) 1,4-Dichlorobenzene	4.14	146	2087318	79.98	ppm	98
13) 1,2-Dichlorobenzene	4.28	146	1964807	78.80	ppm	99
14) Benzyl alcohol	4.24	108	1140300	74.02	ppm	98
15) bis(2-chloroisopropyl)ethe	4.36	45	2478297	80.55	ppm	# 76
16) 2-Methylphenol	4.33	107	1437778	76.75	ppm	99
17) Hexachloroethane	4.59	117	759108	78.91	ppm	97
18) N-Nitroso-di-n-propylamine	4.49	70	1264187	68.36	ppm	99
19) 4-Methylphenol	4.47	107	2111762	76.28	ppm	99
22) Nitrobenzene	4.65	77	1781322	73.30	ppm	99
23) Isophorone	4.88	82	3145481	74.64	ppm	99
24) 2-Nitrophenol	4.95	139	986141	77.19	ppm	99
25) 2,4-Dimethylphenol	4.98	122	1659426	78.84	ppm	99

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.08	93	2145316	77.07	ppm		97
27) 2,4-Dichlorophenol	5.18	162	1480767	78.87	ppm		100
28) 1,2,4-Trichlorobenzene	5.26	180	1462515	77.55	ppm		99
29) Benzoic Acid	5.08	122	1082929	77.84	ppm		94
30) Naphthalene	5.35	128	5269249	73.32	ppm		98
31) 4-Chloroaniline	5.39	127	2268839	76.44	ppm		99
32) Hexachlorobutadiene	5.46	225	662340	74.89	ppm		98
33) 4-Chloro-3-methylphenol	5.87	107	1582541	78.90	ppm		98
34) 2-Methylnaphthalene	6.02	141	3269916	76.52	ppm		99
35) 2,3-Dichloroaniline	6.30	161	1822137	74.74	ppm		98
37) Hexachlorocyclopentadiene	6.17	237	607105	85.80	ppm		99
38) 2,4,6-Trichlorophenol	6.30	196	889942	78.59	ppm		92
39) 2,4,5-Trichlorophenol	6.33	196	979393	78.61	ppm		98
41) 2-Chloronaphthalene	6.51	162	3366518	78.45	ppm		98
42) 2-Nitroaniline	6.61	65	992360	71.12	ppm		99
43) 1,3-Dinitrobenzene	6.81	168	555715	71.83	ppm		98
44) Acenaphthylene	6.90	152	4917045	73.44	ppm		99
45) Dimethylphthalate	6.79	163	3794724	74.13	ppm		99
46) 2,6-Dinitrotoluene	6.84	165	889403	56.17	ppm	#	51
47) Acenaphthene	7.05	154	3336490	73.72	ppm		99
48) 3-Nitroaniline	6.99	138	1110960	77.45	ppm		99
49) 2,4-Dinitrophenol	7.08	184	487940	70.34	ppm		91
50) Dibenzofuran	7.21	168	4539354	71.67	ppm		98
51) 2,4-Dinitrotoluene	7.20	165	1222576	74.32	ppm		96
52) 4-Nitrophenol	7.14	109	461221	67.63	ppm		93
53) Fluorene	7.51	166	3848648	72.91	ppm		98
54) 4-Chlorophenyl-phenylether	7.51	204	1554338	75.44	ppm		97
55) Diethylphthalate	7.41	149	3635793	66.50	ppm		98
56) Azobenzene	7.64	77	3923703	68.88	ppm		99
57) 4-Nitroaniline	7.53	138	935447	66.25	ppm		95
58) n-Octadecane	8.18	57	2938333	84.02	ppm		98
60) 4,6-Dinitro-2-methylphenol	7.55	105	295971	72.99	ppm		95
61) n-Nitrosodiphenylamine	7.61	169	2775746	82.69	ppm		99
63) 4-Bromophenyl-phenylether	7.91	248	874666	83.16	ppm		98
64) Hexachlorobenzene	7.96	284	1011458	83.68	ppm		99
65) Pentachlorophenol	8.11	266	611772	86.76	ppm		96
66) Phenanthrene	8.29	178	4852521	69.66	ppm		97
67) Anthracene	8.33	178	4864704	68.81	ppm		97
68) Carbazole	8.45	167	4625438	69.01	ppm		97
69) Di-n-butylphthalate	8.71	149	5872214	67.77	ppm		97
70) Fluoranthene	9.20	202	4600315	68.10	ppm		96
72) Pyrene	9.37	202	5001205	69.30	ppm		97

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

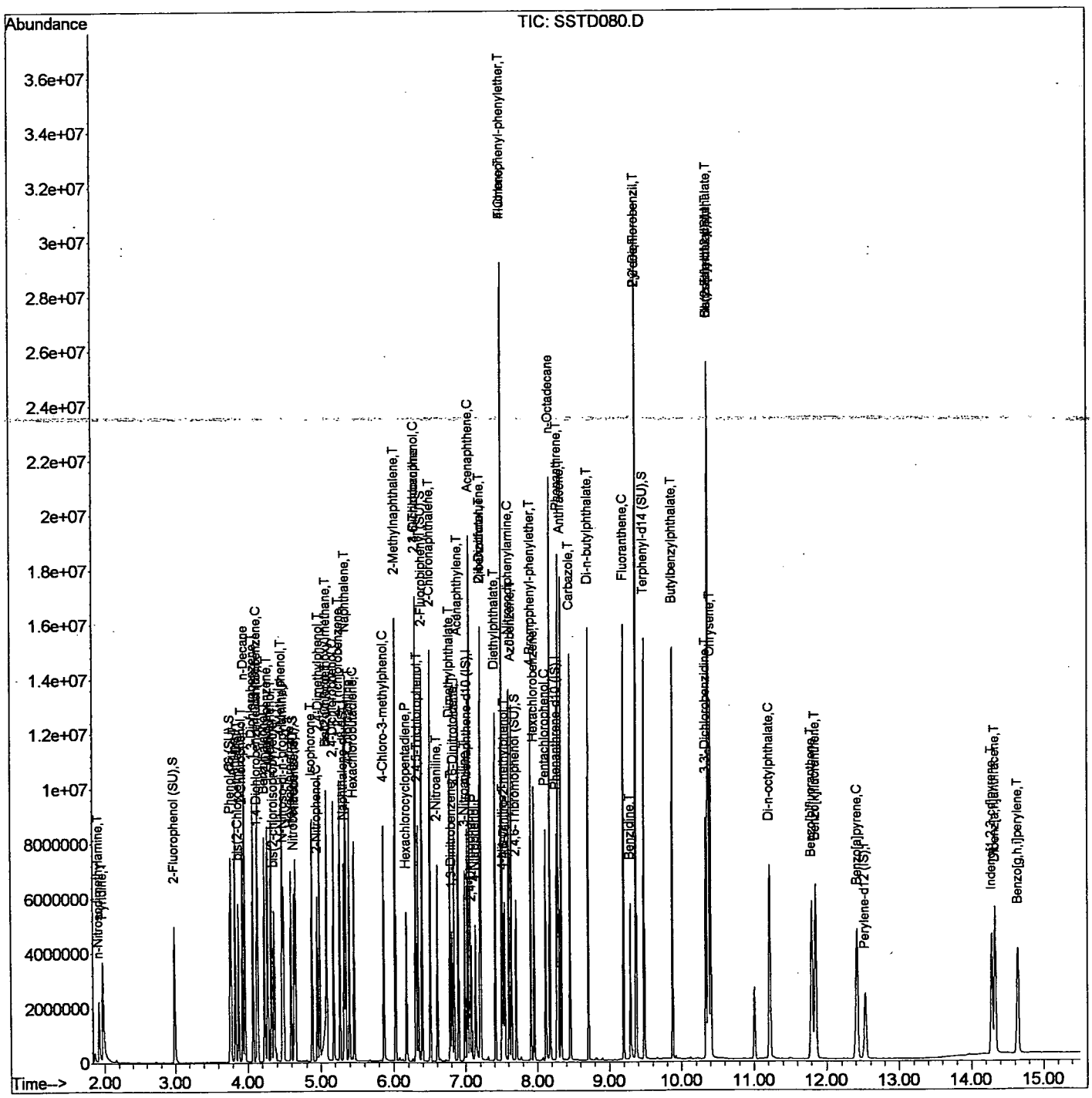
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.37	139	4626499	73.47	ppm	99
75) Benzidine	9.29	184	1700917	55.19	ppm	99
76) Butylbenzylphthalate	9.88	149	3111532	77.10	ppm	100
77) 3,3'-Dichlorobenzidine	10.34	252	1591077	76.92	ppm	98
78) Benzo[a]anthracene	10.37	228	3906676	73.95	ppm	98
79) Chrysene	10.41	228	3759433	76.56	ppm	99
80) bis(2-Ethylhexyl)phthalate	10.37	149	4179335	71.10	ppm	98
81) Di-n-octylphthalate	11.22	149	5648176	72.34	ppm	99
83) Benzo[b]fluoranthene	11.80	252	3841813	65.28	ppm	99
84) Benzo[k]fluoranthene	11.86	252	3913424	71.30	ppm	97
85) Benzo[a]pyrene	12.42	252	3402943	67.26	ppm	89
86) Indeno[1,2,3-cd]pyrene	14.29	276	2618154	64.43	ppm	97
87) Dibenz[a,h]anthracene	14.33	278	2977221	69.89	ppm	99
88) Benzo[g,h,i]perylene	14.65	276	2543963	63.29	ppm	97

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.12	152	639603	40.00	ppm		-0.01
20) Naphthalene-d8 (IS)	5.32	136	2666775	40.00	ppm		-0.02
36) Acenaphthene-d10 (IS)	7.03	162	1390368	40.00	ppm		-0.02
59) Phenanthrene-d10 (IS)	8.27	188	2025871	40.00	ppm		-0.02
71) Chrysene-d12 (IS)	10.38	240	1661191	40.00	ppm		-0.03
82) Perylene-d12 (IS)	12.52	264	1417055	40.00	ppm		-0.05
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.99	112	1533431	79.47	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 79.47%				
7) Phenol-d6 (SU)	3.76	99	1906791	74.39	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 74.39%				
21) Nitrobenzene-d5 (SU)	4.63	82	1734848	73.47	ppm		-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 146.94%#				
40) 2-Fluorobiphenyl (SU)	6.39	172	3764004	79.21	ppm		-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 158.42%#				
62) 2,4,6-Tribromophenol (SU)	7.71	330	526340	97.49	ppm		-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.49%				
74) Terphenyl-d14 (SU)	9.48	244	3415807	75.84	ppm		-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 151.68%#				
Target Compounds							Qvalue
3) Pyridine	1.97	79	1700177	78.93	ppm		99
4) n-Nitrosodimethylamine	1.92	74	1017162	77.98	ppm	#	100
5) bis(2-Chloroethyl)ether	3.87	93	1701837	74.98	ppm		98
6) Aniline	3.83	93	2471928	70.57	ppm		100
8) Phenol	3.77	94	2035421	76.98	ppm		99
9) 2-Chlorophenol	3.93	128	1776426	77.46	ppm		98
10) n-Decane	3.96	57	2099244	88.68	ppm		100
11) 1,3-Dichlorobenzene	4.07	146	2080988	81.31	ppm		97
12) 1,4-Dichlorobenzene	4.14	146	2087318	79.98	ppm		98
13) 1,2-Dichlorobenzene	4.28	146	1964807	78.80	ppm		99
14) Benzyl alcohol	4.24	108	1140300	74.02	ppm		98
15) bis(2-chloroisopropyl)ethe	4.36	45	2478297	80.55	ppm	#	76
16) 2-Methylphenol	4.33	107	1437778	76.75	ppm		99
17) Hexachloroethane	4.59	117	759108	78.91	ppm		97
18) N-Nitroso-di-n-propylamine	4.49	70	1264187	68.36	ppm		99
19) 4-Methylphenol	4.47	107	2111762	76.28	ppm		99
22) Nitrobenzene	4.65	77	1781322	73.30	ppm		99
23) Isophorone	4.88	82	3145481	74.64	ppm		99
24) 2-Nitrophenol	4.95	139	986141	77.19	ppm		99
25) 2,4-Dimethylphenol	4.98	122	1659426	78.84	ppm		99

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.08	93	2145316	77.07	ppm		97
27) 2,4-Dichlorophenol	5.18	162	1480767	78.87	ppm		100
28) 1,2,4-Trichlorobenzene	5.26	180	1462515	77.55	ppm		99
29) Benzoic Acid	5.08	122	1082929	77.84	ppm		94
30) Naphthalene	5.35	128	5269249	73.32	ppm		98
31) 4-Chloroaniline	5.39	127	2268839	76.44	ppm		99
32) Hexachlorobutadiene	5.46	225	662340	74.89	ppm		98
33) 4-Chloro-3-methylphenol	5.87	107	1582541	78.90	ppm		98
34) 2-Methylnaphthalene	6.02	141	3269916	76.52	ppm		99
35) 2,3-Dichloroaniline	6.30	161	1822137	74.74	ppm		98
37) Hexachlorocyclopentadiene	6.17	237	607105	85.80	ppm		99
38) 2,4,6-Trichlorophenol	6.30	196	889942	78.59	ppm		92
39) 2,4,5-Trichlorophenol	6.33	196	979393	78.61	ppm		98
41) 2-Chloronaphthalene	6.51	162	3366518	78.45	ppm		98
42) 2-Nitroaniline	6.61	65	992360	71.12	ppm		99
43) 1,3-Dinitrobenzene	6.81	168	555715	71.83	ppm		98
44) Acenaphthylene	6.90	152	4917045	73.44	ppm		99
45) Dimethylphthalate	6.79	163	3794724	74.13	ppm		99
46) 2,6-Dinitrotoluene	6.84	165	889403	56.17	ppm	#	51
47) Acenaphthene	7.05	154	3336490	73.72	ppm		99
48) 3-Nitroaniline	6.99	138	1110960	77.45	ppm		99
49) 2,4-Dinitrophenol	7.08	184	487940	70.34	ppm		91
50) Dibenzofuran	7.21	168	4539354	71.67	ppm		98
51) 2,4-Dinitrotoluene	7.20	165	1222576	74.32	ppm		96
52) 4-Nitrophenol	7.14	109	461221	67.63	ppm		93
53) Fluorene	7.51	166	3848648	72.91	ppm		98
54) 4-Chlorophenyl-phenylether	7.51	204	1554338	75.44	ppm		97
55) Diethylphthalate	7.41	149	3635793	66.50	ppm		98
56) Azobenzene	7.64	77	3923703	68.88	ppm		99
57) 4-Nitroaniline	7.53	138	935447	66.25	ppm		95
58) n-Octadecane	8.18	57	2938333	84.02	ppm		98
60) 4,6-Dinitro-2-methylphenol	7.55	105	295971	72.99	ppm		95
61) n-Nitrosodiphenylamine	7.61	169	2775746	82.69	ppm		99
63) 4-Bromophenyl-phenylether	7.91	248	874666	83.16	ppm		98
64) Hexachlorobenzene	7.96	284	1011458	83.68	ppm		99
65) Pentachlorophenol	8.11	266	611772	86.76	ppm		96
66) Phenanthrene	8.29	178	4852521	69.66	ppm		97
67) Anthracene	8.33	178	4864704	68.81	ppm		97
68) Carbazole	8.45	167	4625438	69.01	ppm		97
69) Di-n-butylphthalate	8.71	149	5872214	67.77	ppm		97
70) Fluoranthene	9.20	202	4600315	68.10	ppm		96
72) Pyrene	9.37	202	5001205	69.30	ppm		97

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

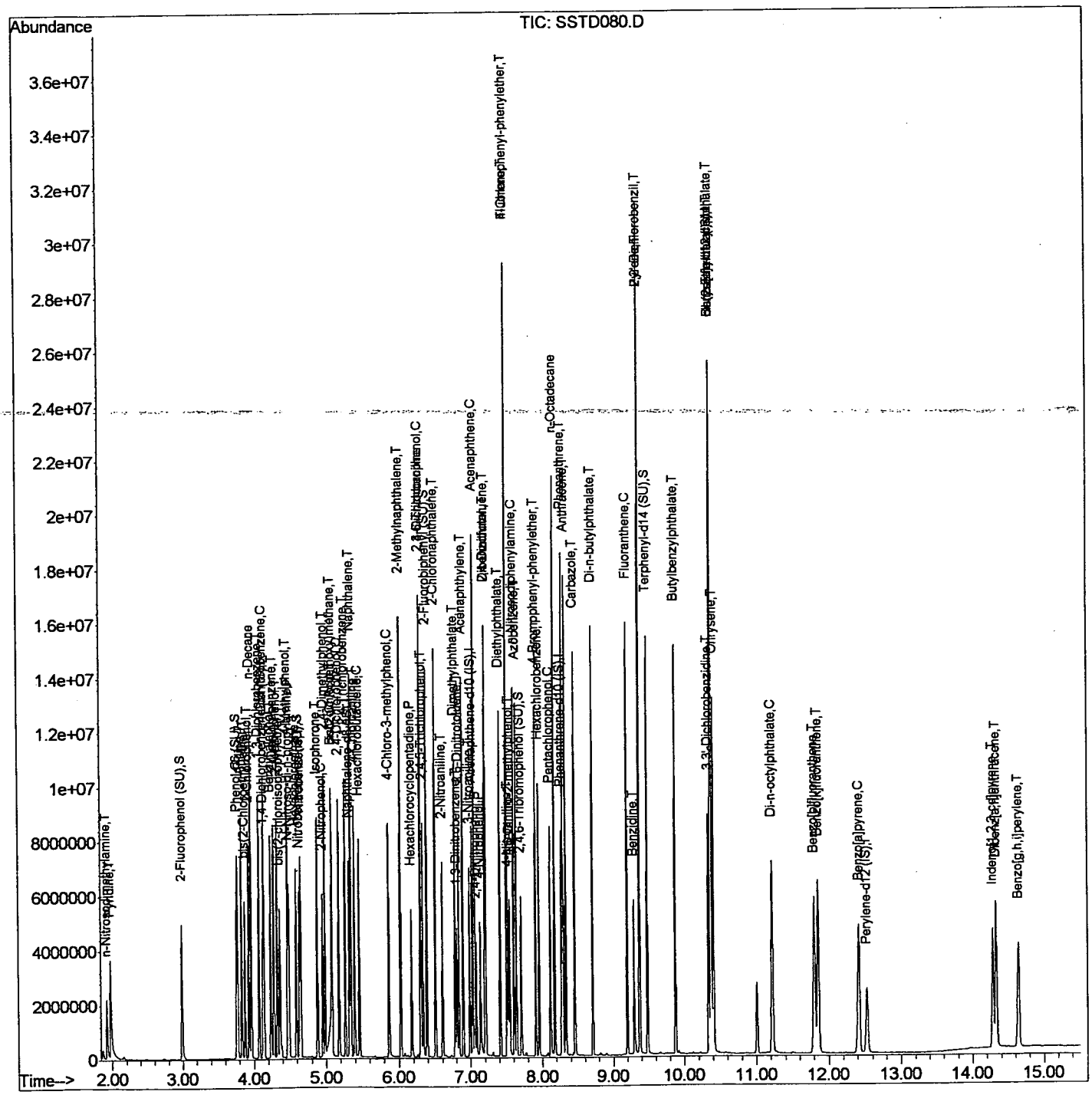
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.37	139	4626499	73.47 ppm	99
75) Benzidine	9.29	184	1700917	55.19 ppm	99
76) Butylbenzylphthalate	9.88	149	3111532	77.10 ppm	100
77) 3,3'-Dichlorobenzidine	10.34	252	1591077	76.92 ppm	98
78) Benzo[a]anthracene	10.37	228	3906676	73.95 ppm	98
79) Chrysene	10.41	228	3759433	76.56 ppm	99
80) bis(2-Ethylhexyl)phthalate	10.37	149	4179335	71.10 ppm	98
81) Di-n-octylphthalate	11.22	149	5648176	72.34 ppm	99
83) Benzo[b]fluoranthene	11.80	252	3841813	65.28 ppm	99
84) Benzo[k]fluoranthene	11.86	252	3913424	71.30 ppm	97
85) Benzo[a]pyrene	12.42	252	3402943	67.26 ppm	89
86) Indeno[1,2,3-cd]pyrene	14.29	276	2618154	64.43 ppm	97
87) Dibenz[a,h]anthracene	14.33	278	2977221	69.89 ppm	99
88) Benzo[g,h,i]perylene	14.65	276	2543963	63.29 ppm	97

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD080.D
Acq On : 20 Nov 2007 11:14 am
Operator : AI/DF
Sample : 80ppm STD# 7100432
Misc : 8270/625 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:29:31 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	666907	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	2874791	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	1453978	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	1823336	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.41	240	1714205	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.57	264	1570076	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	2462423	122.39	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 122.39%#			
7) Phenol-d6 (SU)	3.77	99	3079013	115.20	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 115.20%			
21) Nitrobenzene-d5 (SU)	4.65	82	2777417	109.11	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 218.22%#			
40) 2-Fluorobiphenyl (SU)	6.41	172	5735603	115.42	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 230.84%#			
62) 2,4,6-Tribromophenol (SU)	7.73	330	822067	169.18	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 169.18%#			
74) Terphenyl-d14 (SU)	9.51	244	5048213	108.61	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 217.22%#			
Target Compounds						Qvalue
3) Pyridine	1.97	79	2727227	121.42	ppm	96
4) n-Nitrosodimethylamine	1.92	74	1610143	118.38	ppm	# 100
5) bis(2-Chloroethyl)ether	3.89	93	2694780	113.87	ppm	99
6) Aniline	3.85	93	3807669	104.26	ppm	97
8) Phenol	3.79	94	3245798	117.73	ppm	99
9) 2-Chlorophenol	3.95	128	2842414	118.87	ppm	99
10) n-Decane	3.98	57	3292908	133.41	ppm	99
11) 1,3-Dichlorobenzene	4.09	146	3228653	120.99	ppm	99
12) 1,4-Dichlorobenzene	4.15	146	3311164	121.67	ppm	98
13) 1,2-Dichlorobenzene	4.29	146	3096675	119.10	ppm	99
14) Benzyl alcohol	4.25	108	1833308	112.58	ppm	100
15) bis(2-chloroisopropyl)ethe	4.38	45	3842805	119.79	ppm	99
16) 2-Methylphenol	4.34	107	2305975	118.05	ppm	97
17) Hexachloroethane	4.61	117	1187550	118.39	ppm	99
18) N-Nitroso-di-n-propylamine	4.51	70	2081808	107.96	ppm	98
19) 4-Methylphenol	4.50	107	3376127	116.96	ppm	98
22) Nitrobenzene	4.67	77	2877737	109.85	ppm	99
23) Isophorone	4.90	82	5001418	110.10	ppm	99
24) 2-Nitrophenol	4.97	139	1667072	121.05	ppm	99
25) 2,4-Dimethylphenol	5.01	122	2705223	119.23	ppm	100

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	3376648	112.52	ppm		95
27) 2,4-Dichlorophenol	5.20	162	2450967	121.10	ppm		100
28) 1,2,4-Trichlorobenzene	5.28	180	2323245	114.28	ppm		99
29) Benzoic Acid	5.13	122	1928743	128.60	ppm		97
30) Naphthalene	5.37	128	7383144	95.30	ppm		93
31) 4-Chloroaniline	5.42	127	3695702	115.50	ppm		98
32) Hexachlorobutadiene	5.48	225	1068772	112.10	ppm		99
33) 4-Chloro-3-methylphenol	5.89	107	2697830	124.77	ppm		99
34) 2-Methylnaphthalene	6.05	141	5025277	109.08	ppm		96
35) 2,3-Dichloroaniline	6.33	161	2974889	113.20	ppm		98
37) Hexachlorocyclopentadiene	6.20	237	978690	132.27	ppm		99
38) 2,4,6-Trichlorophenol	6.32	196	1452903	122.70	ppm		93
39) 2,4,5-Trichlorophenol	6.36	196	1630627	125.15	ppm		99
41) 2-Chloronaphthalene	6.53	162	5246851	116.91	ppm		95
42) 2-Nitroaniline	6.63	65	1650411	113.11	ppm		100
43) 1,3-Dinitrobenzene	6.83	168	904212	113.65	ppm		97
44) Acenaphthylene	6.92	152	6930074	98.98	ppm		92
45) Dimethylphthalate	6.81	163	5723488	106.92	ppm		99
46) 2,6-Dinitrotoluene	6.86	165	1431576	86.45	ppm	#	52
47) Acenaphthene	7.08	154	5023787	106.15	ppm		98
48) 3-Nitroaniline	7.02	138	1718837	114.58	ppm		97
49) 2,4-Dinitrophenol	7.11	184	788944	105.79	ppm		91
50) Dibenzofuran	7.23	168	6546062	98.83	ppm		91
51) 2,4-Dinitrotoluene	7.22	165	1800961	104.68	ppm		97
52) 4-Nitrophenol	7.16	109	684733	96.01	ppm		93
53) Fluorene	7.53	166	5709389	103.42	ppm		99
54) 4-Chlorophenyl-phenylether	7.53	204	2397466	111.26	ppm		98
55) Diethylphthalate	7.43	149	5032875	88.03	ppm		97
56) Azobenzene	7.66	77	5557609	93.30	ppm		93
57) 4-Nitroaniline	7.55	138	1556618	105.42	ppm		96
58) n-Octadecane	8.19	57	4405138	120.45	ppm		98
60) 4,6-Dinitro-2-methylphenol	7.57	105	460712	123.33	ppm	#	92
61) n-Nitrosodiphenylamine	7.63	169	4172357	138.11	ppm		97
63) 4-Bromophenyl-phenylether	7.93	248	1362124	143.90	ppm		98
64) Hexachlorobenzene	7.98	284	1535375	141.13	ppm		98
65) Pentachlorophenol	8.14	266	887131	139.79	ppm		96
66) Phenanthrene	8.31	178	6289756	100.32	ppm		95
67) Anthracene	8.35	178	6213742	97.65	ppm		94
68) Carbazole	8.48	167	6545938	108.51	ppm		93
69) Di-n-butylphthalate	8.73	149	7302702	93.64	ppm		90
70) Fluoranthene	9.22	202	6603495	108.61	ppm		92
72) Pyrene	9.40	202	7116776	95.56	ppm		93

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

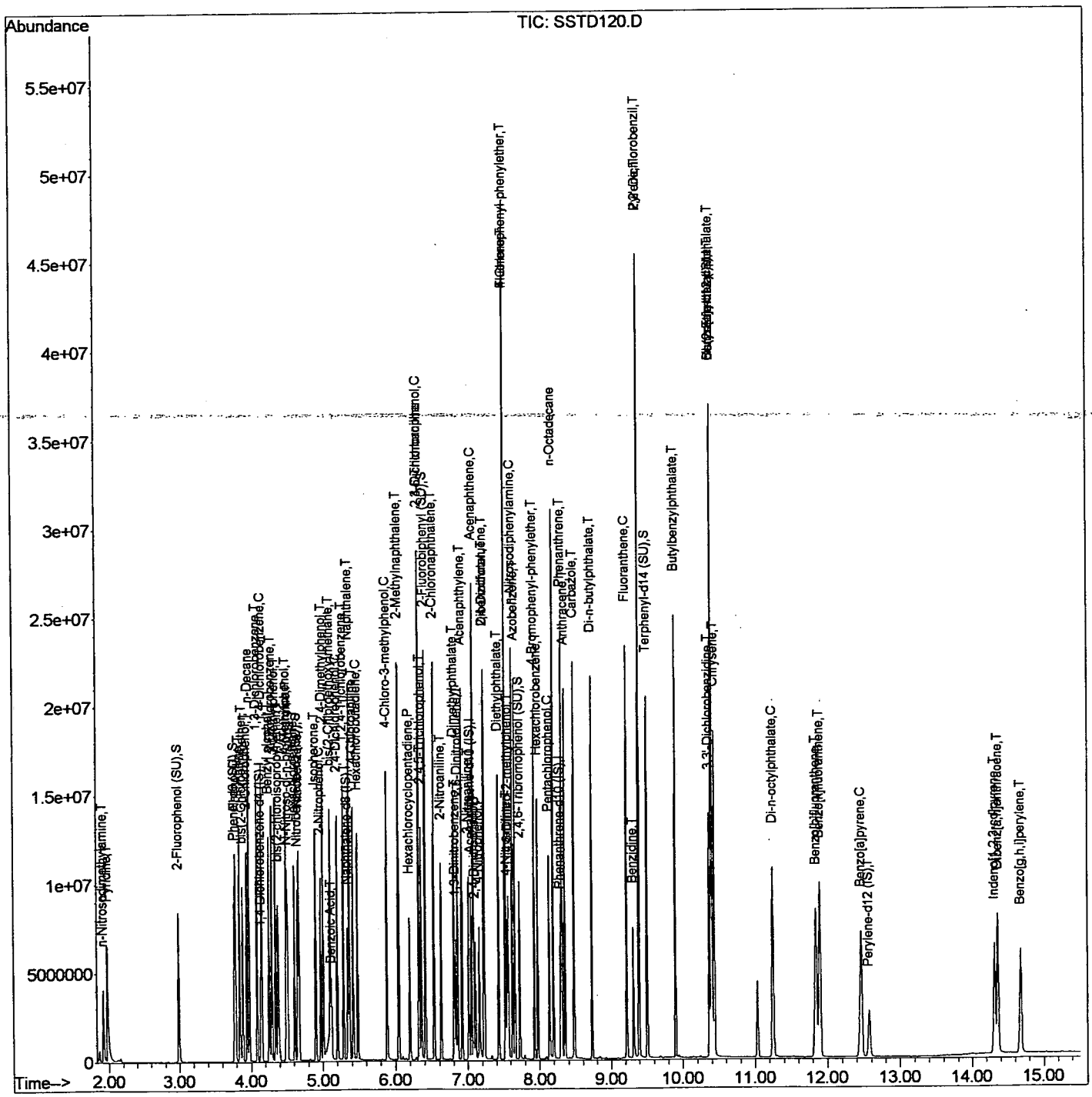
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	6537951	100.61	ppm	95
75) Benzidine	9.32	184	2478338	78.31	ppm	97
76) Butylbenzylphthalate	9.90	149	4555679	109.40	ppm	98
77) 3,3'-Dichlorobenzidine	10.36	252	2504989	117.35	ppm	99
78) Benzo[a]anthracene	10.39	228	5756039	105.59	ppm	97
79) Chrysene	10.44	228	5666415	111.83	ppm	99
80) bis(2-Ethylhexyl)phthalate	10.40	149	6099266	100.56	ppm	96
81) Di-n-octylphthalate	11.25	149	8697484	107.95	ppm	99
83) Benzo[b]fluoranthene	11.85	252	6324124	96.99	ppm	99
84) Benzo[k]fluoranthene	11.90	252	6191049	101.81	ppm	99
85) Benzo[a]pyrene	12.46	252	5589761	99.71	ppm	90
86) Indeno[1,2,3-cd]pyrene	14.32	276	3917822	87.02	ppm	98
87) Dibenz[a,h]anthracene	14.36	278	4355567	92.28	ppm	99
88) Benzo[g,h,i]perylene	14.68	276	3684899	82.75	ppm	97

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	666907	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	2874791	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	1453978	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	1823336	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.41	240	1714205	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.57	264	1570076	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	2462423	122.39	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery =	122.39%#		
7) Phenol-d6 (SU)	3.77	99	3079013	115.20	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery =	115.20%		
21) Nitrobenzene-d5 (SU)	4.65	82	2777417	109.11	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery =	218.22%#		
40) 2-Fluorobiphenyl (SU)	6.41	172	5735603	115.42	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery =	230.84%#		
62) 2,4,6-Tribromophenol (SU)	7.73	330	822067	169.18	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	169.18%#		
74) Terphenyl-d14 (SU)	9.51	244	5048213	108.61	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery =	217.22%#		
Target Compounds						Qvalue
3) Pyridine	1.97	79	2727227	121.42	ppm	96
4) n-Nitrosodimethylamine	1.92	74	1610143	118.38	ppm #	100
5) bis(2-Chloroethyl)ether	3.89	93	2694780	113.87	ppm	99
6) Aniline	3.85	93	3807669	104.26	ppm	97
8) Phenol	3.79	94	3245798	117.73	ppm	99
9) 2-Chlorophenol	3.95	128	2842414	118.87	ppm	99
10) n-Decane	3.98	57	3292908	133.41	ppm	99
11) 1,3-Dichlorobenzene	4.09	146	3228653	120.99	ppm	99
12) 1,4-Dichlorobenzene	4.15	146	3311164	121.67	ppm	98
13) 1,2-Dichlorobenzene	4.29	146	3096675	119.10	ppm	99
14) Benzyl alcohol	4.25	108	1833308	112.58	ppm	100
15) bis(2-chloroisopropyl)ethe	4.38	45	3842805	119.79	ppm	99
16) 2-Methylphenol	4.34	107	2305975	118.05	ppm	97
17) Hexachloroethane	4.61	117	1187550	118.39	ppm	99
18) N-Nitroso-di-n-propylamine	4.51	70	2081808	107.96	ppm	98
19) 4-Methylphenol	4.50	107	3376127	116.96	ppm	98
22) Nitrobenzene	4.67	77	2877737	109.85	ppm	99
23) Isophorone	4.90	82	5001418	110.10	ppm	99
24) 2-Nitrophenol	4.97	139	1667072	121.05	ppm	99
25) 2,4-Dimethylphenol	5.01	122	2705223	119.23	ppm	100

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	3376648	112.52	ppm		95
27) 2,4-Dichlorophenol	5.20	162	2450967	121.10	ppm		100
28) 1,2,4-Trichlorobenzene	5.28	180	2323245	114.28	ppm		99
29) Benzoic Acid	5.13	122	1928743	128.60	ppm		97
30) Naphthalene	5.37	128	7383144	95.30	ppm		93
31) 4-Chloroaniline	5.42	127	3695702	115.50	ppm		98
32) Hexachlorobutadiene	5.48	225	1068772	112.10	ppm		99
33) 4-Chloro-3-methylphenol	5.89	107	2697830	124.77	ppm		99
34) 2-Methylnaphthalene	6.05	141	5025277	109.08	ppm		96
35) 2,3-Dichloroaniline	6.33	161	2974889	113.20	ppm		98
37) Hexachlorocyclopentadiene	6.20	237	978690	132.27	ppm		99
38) 2,4,6-Trichlorophenol	6.32	196	1452903	122.70	ppm		93
39) 2,4,5-Trichlorophenol	6.36	196	1630627	125.15	ppm		99
41) 2-Chloronaphthalene	6.53	162	5246851	116.91	ppm		95
42) 2-Nitroaniline	6.63	65	1650411	113.11	ppm		100
43) 1,3-Dinitrobenzene	6.83	168	904212	113.65	ppm		97
44) Acenaphthylene	6.92	152	6930074	98.98	ppm		92
45) Dimethylphthalate	6.81	163	5723488	106.92	ppm		99
46) 2,6-Dinitrotoluene	6.86	165	1431576	86.45	ppm	#	52
47) Acenaphthene	7.08	154	5023787	106.15	ppm		98
48) 3-Nitroaniline	7.02	138	1718837	114.58	ppm		97
49) 2,4-Dinitrophenol	7.11	184	788944	105.79	ppm		91
50) Dibenzofuran	7.23	168	6546062	98.83	ppm		91
51) 2,4-Dinitrotoluene	7.22	165	1800961	104.68	ppm		97
52) 4-Nitrophenol	7.16	109	684733	96.01	ppm		93
53) Fluorene	7.53	166	5709389	103.42	ppm		99
54) 4-Chlorophenyl-phenylether	7.53	204	2397466	111.26	ppm		98
55) Diethylphthalate	7.43	149	5032875	88.03	ppm		97
56) Azobenzene	7.66	77	5557609	93.30	ppm		93
57) 4-Nitroaniline	7.55	138	1556618	105.42	ppm		96
58) n-Octadecane	8.19	57	4405138	120.45	ppm		98
60) 4,6-Dinitro-2-methylphenol	7.57	105	460712	123.33	ppm	#	92
61) n-Nitrosodiphenylamine	7.63	169	4172357	138.11	ppm		97
63) 4-Bromophenyl-phenylether	7.93	248	1362124	143.90	ppm		98
64) Hexachlorobenzene	7.98	284	1535375	141.13	ppm		98
65) Pentachlorophenol	8.14	266	887131	139.79	ppm		96
66) Phenanthrene	8.31	178	6289756	100.32	ppm		95
67) Anthracene	8.35	178	6213742	97.65	ppm		94
68) Carbazole	8.48	167	6545938	108.51	ppm		93
69) Di-n-butylphthalate	8.73	149	7302702	93.64	ppm		90
70) Fluoranthene	9.22	202	6603495	108.61	ppm		92
72) Pyrene	9.40	202	7116776	95.56	ppm		93

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

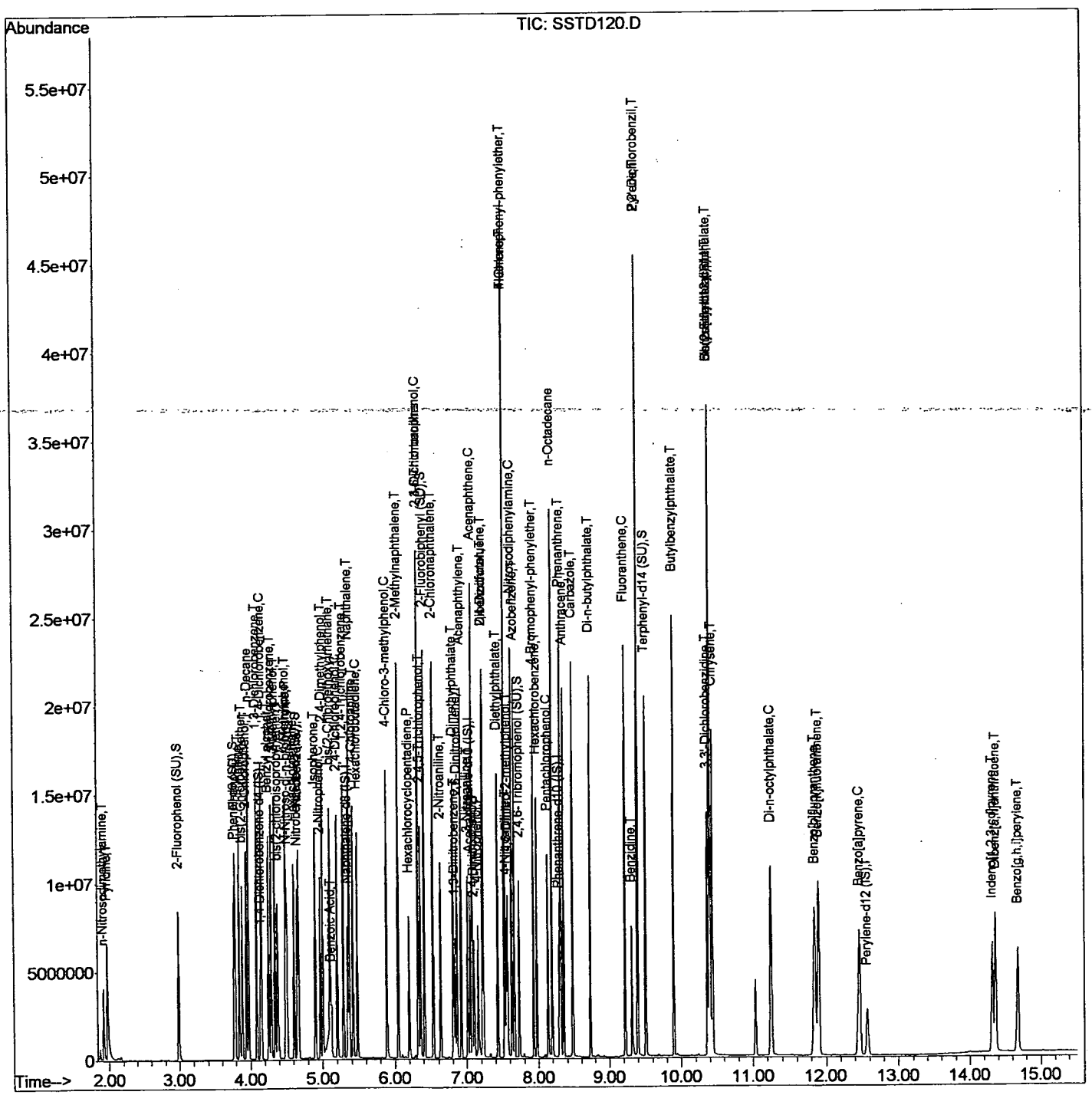
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	6537951	100.61	ppm	95
75) Benzidine	9.32	184	2478338	78.31	ppm	97
76) Butylbenzylphthalate	9.90	149	4555679	109.40	ppm	98
77) 3,3'-Dichlorobenzidine	10.36	252	2504989	117.35	ppm	99
78) Benzo[a]anthracene	10.39	228	5756039	105.59	ppm	97
79) Chrysene	10.44	228	5666415	111.83	ppm	99
80) bis(2-Ethylhexyl)phthalate	10.40	149	6099266	100.56	ppm	96
81) Di-n-octylphthalate	11.25	149	8697484	107.95	ppm	99
83) Benzo[b]fluoranthene	11.85	252	6324124	96.99	ppm	99
84) Benzo[k]fluoranthene	11.90	252	6191049	101.81	ppm	99
85) Benzo[a]pyrene	12.46	252	5589761	99.71	ppm	90
86) Indeno[1,2,3-cd]pyrene	14.32	276	3917822	87.02	ppm	98
87) Dibenz[a,h]anthracene	14.36	278	4355567	92.28	ppm	99
88) Benzo[g,h,i]perylene	14.68	276	3684899	82.75	ppm	97

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD120.D
Acq On : 20 Nov 2007 11:34 am
Operator : AI/DF
Sample : 120ppm STD# 7100433
Misc : 8270/625 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 12:32:32 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	615353	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.36	136	2696668	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.07	162	1422609	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	1827154	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.43	240	1719190	40.00	ppm	0.02
82) Perylene-d12 (IS)	12.61	264	1434601	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	2951632	159.00	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 159.00%#			
7) Phenol-d6 (SU)	3.78	99	3793072	153.80	ppm	0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 153.80%#			
21) Nitrobenzene-d5 (SU)	4.67	82	3456716	144.77	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 289.54%#			
40) 2-Fluorobiphenyl (SU)	6.43	172	6876086	141.42	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 282.84%#			
62) 2,4,6-Tribromophenol (SU)	7.75	330	1116208	229.23	ppm	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 229.23%#			
74) Terphenyl-d14 (SU)	9.53	244	6694992	143.63	ppm	0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 287.26%#			
Target Compounds						Qvalue
3) Pyridine	1.97	79	3067994	148.03	ppm	97
4) n-Nitrosodimethylamine	1.92	74	1889280	150.54	ppm	# 100
5) bis(2-Chloroethyl)ether	3.90	93	3550005	162.58	ppm	96
6) Aniline	3.86	93	4232831	125.61	ppm	96
8) Phenol	3.80	94	3972625	156.16	ppm	99
9) 2-Chlorophenol	3.96	128	3419182	154.98	ppm	100
10) n-Decane	3.99	57	3858538	169.43	ppm	99
11) 1,3-Dichlorobenzene	4.10	146	3853565	156.50	ppm	99
12) 1,4-Dichlorobenzene	4.17	146	3938966	156.87	ppm	97
13) 1,2-Dichlorobenzene	4.31	146	3761231	156.78	ppm	99
14) Benzyl alcohol	4.27	108	2338756	154.56	ppm	96
15) bis(2-chloroisopropyl)ethe	4.39	45	4697635	158.70	ppm	99
16) 2-Methylphenol	4.36	107	2854438	158.37	ppm	99
17) Hexachloroethane	4.63	117	1424376	153.90	ppm	99
18) N-Nitroso-di-n-propylamine	4.53	70	2577569	144.87	ppm	98
19) 4-Methylphenol	4.51	107	4208731	158.02	ppm	98
22) Nitrobenzene	4.69	77	3602054	146.58	ppm	99
23) Isophorone	4.92	82	6109728	143.38	ppm	97
24) 2-Nitrophenol	4.99	139	2127529	164.68	ppm	98
25) 2,4-Dimethylphenol	5.02	122	3359811	157.86	ppm	99

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	4258015	151.27	ppm		94
27) 2,4-Dichlorophenol	5.22	162	3087926	162.66	ppm		99
28) 1,2,4-Trichlorobenzene	5.31	180	2890198	151.56	ppm		99
29) Benzoic Acid	5.15	122	2430641	172.77	ppm		96
30) Naphthalene	5.39	128	8127567	111.84	ppm		88
31) 4-Chloroaniline	5.44	127	4521844	150.66	ppm		97
32) Hexachlorobutadiene	5.50	225	1303559	145.76	ppm		99
33) 4-Chloro-3-methylphenol	5.91	107	3373382	166.31	ppm		99
34) 2-Methylnaphthalene	6.07	141	6123132	141.69	ppm		95
35) 2,3-Dichloroaniline	6.35	161	3727322	151.20	ppm		99
37) Hexachlorocyclopentadiene	6.22	237	1265335	174.78	ppm		99
38) 2,4,6-Trichlorophenol	6.35	196	1905095	164.43	ppm		92
39) 2,4,5-Trichlorophenol	6.38	196	2083380	163.43	ppm		99
41) 2-Chloronaphthalene	6.55	162	6311348	143.73	ppm		92
42) 2-Nitroaniline	6.65	65	2191267	153.49	ppm		99
43) 1,3-Dinitrobenzene	6.86	168	1229675	161.87	ppm		99
44) Acenaphthylene	6.94	152	7964774	116.27	ppm		87
45) Dimethylphthalate	6.83	163	7192400	137.32	ppm		97
46) 2,6-Dinitrotoluene	6.89	165	1917374	118.34	ppm	#	51
47) Acenaphthene	7.10	154	6313173	136.33	ppm		95
48) 3-Nitroaniline	7.04	138	2244651	152.93	ppm		98
49) 2,4-Dinitrophenol	7.13	184	1063384	143.68	ppm		93
50) Dibenzofuran	7.25	168	7720903	119.14	ppm		84
51) 2,4-Dinitrotoluene	7.25	165	2435038	144.66	ppm		96
52) 4-Nitrophenol	7.18	109	955817	136.98	ppm		95
53) Fluorene	7.55	166	7041411	130.36	ppm		97
54) 4-Chlorophenyl-phenylether	7.55	204	3170909	150.40	ppm		98
55) Diethylphthalate	7.45	149	6440395	115.14	ppm		94
56) Azobenzene	7.68	77	6892710	118.26	ppm		89
57) 4-Nitroaniline	7.58	138	2107289	145.86	ppm		96
58) n-Octadecane	8.21	57	5262730	147.07	ppm		97
60) 4,6-Dinitro-2-methylphenol	7.59	105	675239	178.53	ppm		91
61) n-Nitrosodiphenylamine	7.65	169	5398757	178.33	ppm		95
63) 4-Bromophenyl-phenylether	7.95	248	1799992	189.76	ppm		99
64) Hexachlorobenzene	8.00	284	2053933	188.40	ppm		98
65) Pentachlorophenol	8.16	266	1257797	197.78	ppm		98
66) Phenanthrene	8.33	178	7419548	118.09	ppm		89
67) Anthracene	8.37	178	7378788	115.72	ppm		87
68) Carbazole	8.50	167	8273118	136.86	ppm		88
69) Di-n-butylphthalate	8.75	149	8151513	104.31	ppm		82
70) Fluoranthene	9.24	202	7874948	129.25	ppm		83
72) Pyrene	9.42	202	8405936	112.55	ppm		83

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

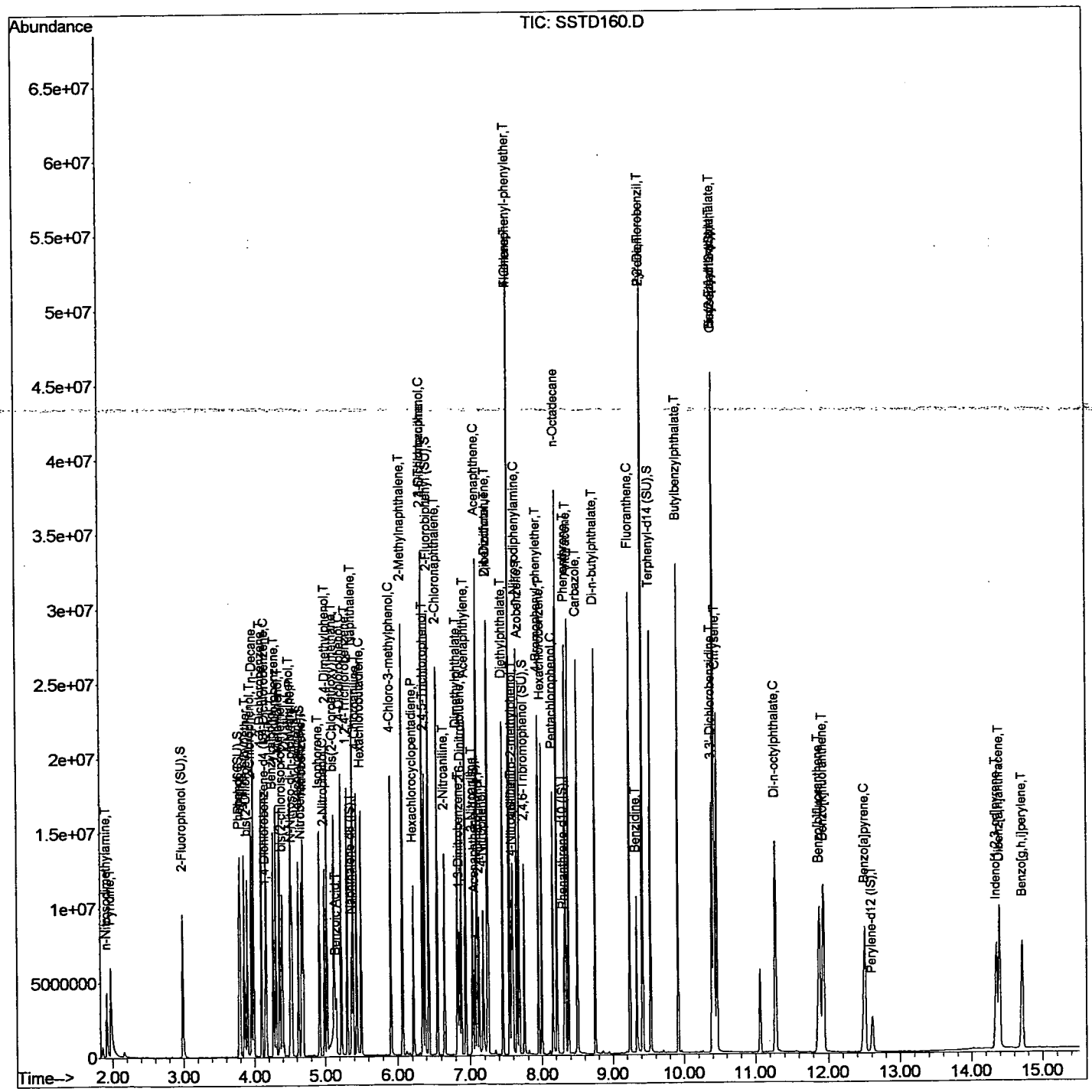
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.42	139	7968827	122.27	ppm	87
75) Benzidine	9.34	184	3059668	96.62	ppm	99
76) Butylbenzylphthalate	9.92	149	5871255	140.58	ppm	97
77) 3,3'-Dichlorobenzidine	10.39	252	3396967	158.68	ppm	99
78) Benzo[a]anthracene	10.42	228	7540105	137.92	ppm	96
79) Chrysene	10.46	228	7407875	145.78	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.42	149	7999938	131.51	ppm	94
81) Di-n-octylphthalate	11.28	149	11434638	141.51	ppm	97
83) Benzo[b]fluoranthene	11.88	252	8067963	135.42	ppm	98
84) Benzo[k]fluoranthene	11.94	252	7608753	136.94	ppm	99
85) Benzo[a]pyrene	12.51	252	6771734	132.20	ppm	89
86) Indeno[1,2,3-cd]pyrene	14.35	276	5235524	127.27	ppm	98
87) Dibenz[a,h]anthracene	14.40	278	5762148	133.61	ppm	98
88) Benzo[g,h,i]perylene	14.72	276	5034964	123.74	ppm	98

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	615353	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.36	136	2696668	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.07	162	1422609	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	1827154	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.43	240	1719190	40.00	ppm	0.02
82) Perylene-d12 (IS)	12.61	264	1434601	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.99	112	2951632	159.00	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 159.00%#			
7) Phenol-d6 (SU)	3.78	99	3793072	153.80	ppm	0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 153.80%#			
21) Nitrobenzene-d5 (SU)	4.67	82	3456716	144.77	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 289.54%#			
40) 2-Fluorobiphenyl (SU)	6.43	172	6876086	141.42	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 282.84%#			
62) 2,4,6-Tribromophenol (SU)	7.75	330	1116208	229.23	ppm	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 229.23%#			
74) Terphenyl-d14 (SU)	9.53	244	6694992	143.63	ppm	0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 287.26%#			
Target Compounds						Qvalue
3) Pyridine	1.97	79	3067994	148.03	ppm	97
4) n-Nitrosodimethylamine	1.92	74	1889280	150.54	ppm	# 100
5) bis(2-Chloroethyl)ether	3.90	93	3550005	162.58	ppm	96
6) Aniline	3.86	93	4232831	125.61	ppm	96
8) Phenol	3.80	94	3972625	156.16	ppm	99
9) 2-Chlorophenol	3.96	128	3419182	154.98	ppm	100
10) n-Decane	3.99	57	3858538	169.43	ppm	99
11) 1,3-Dichlorobenzene	4.10	146	3853565	156.50	ppm	99
12) 1,4-Dichlorobenzene	4.17	146	3938966	156.87	ppm	97
13) 1,2-Dichlorobenzene	4.31	146	3761231	156.78	ppm	99
14) Benzyl alcohol	4.27	108	2338756	154.56	ppm	96
15) bis(2-chloroisopropyl)ethe	4.39	45	4697635	158.70	ppm	99
16) 2-Methylphenol	4.36	107	2854438	158.37	ppm	99
17) Hexachloroethane	4.63	117	1424376	153.90	ppm	99
18) N-Nitroso-di-n-propylamine	4.53	70	2577569	144.87	ppm	98
19) 4-Methylphenol	4.51	107	4208731	158.02	ppm	98
22) Nitrobenzene	4.69	77	3602054	146.58	ppm	99
23) Isophorone	4.92	82	6109728	143.38	ppm	97
24) 2-Nitrophenol	4.99	139	2127529	164.68	ppm	98
25) 2,4-Dimethylphenol	5.02	122	3359811	157.86	ppm	99

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	4258015	151.27	ppm		94
27) 2,4-Dichlorophenol	5.22	162	3087926	162.66	ppm		99
28) 1,2,4-Trichlorobenzene	5.31	180	2890198	151.56	ppm		99
29) Benzoic Acid	5.15	122	2430641	172.77	ppm		96
30) Naphthalene	5.39	128	8127567	111.84	ppm		88
31) 4-Chloroaniline	5.44	127	4521844	150.66	ppm		97
32) Hexachlorobutadiene	5.50	225	1303559	145.76	ppm		99
33) 4-Chloro-3-methylphenol	5.91	107	3373382	166.31	ppm		99
34) 2-Methylnaphthalene	6.07	141	6123132	141.69	ppm		95
35) 2,3-Dichloroaniline	6.35	161	3727322	151.20	ppm		99
37) Hexachlorocyclopentadiene	6.22	237	1265335	174.78	ppm		99
38) 2,4,6-Trichlorophenol	6.35	196	1905095	164.43	ppm		92
39) 2,4,5-Trichlorophenol	6.38	196	2083380	163.43	ppm		99
41) 2-Chloronaphthalene	6.55	162	6311348	143.73	ppm		92
42) 2-Nitroaniline	6.65	65	2191267	153.49	ppm		99
43) 1,3-Dinitrobenzene	6.86	168	1229675	161.87	ppm		99
44) Acenaphthylene	6.94	152	7964774	116.27	ppm		87
45) Dimethylphthalate	6.83	163	7192400	137.32	ppm		97
46) 2,6-Dinitrotoluene	6.89	165	1917374	118.34	ppm	#	51
47) Acenaphthene	7.10	154	6313173	136.33	ppm		95
48) 3-Nitroaniline	7.04	138	2244651	152.93	ppm		98
49) 2,4-Dinitrophenol	7.13	184	1063384	143.68	ppm		93
50) Dibenzofuran	7.25	168	7720903	119.14	ppm		84
51) 2,4-Dinitrotoluene	7.25	165	2435038	144.66	ppm		96
52) 4-Nitrophenol	7.18	109	955817	136.98	ppm		95
53) Fluorene	7.55	166	7041411	130.36	ppm		97
54) 4-Chlorophenyl-phenylether	7.55	204	3170909	150.40	ppm		98
55) Diethylphthalate	7.45	149	6440395	115.14	ppm		94
56) Azobenzene	7.68	77	6892710	118.26	ppm		89
57) 4-Nitroaniline	7.58	138	2107289	145.86	ppm		96
58) n-Octadecane	8.21	57	5262730	147.07	ppm		97
60) 4,6-Dinitro-2-methylphenol	7.59	105	675239	178.53	ppm		91
61) n-Nitrosodiphenylamine	7.65	169	5398757	178.33	ppm		95
63) 4-Bromophenyl-phenylether	7.95	248	1799992	189.76	ppm		99
64) Hexachlorobenzene	8.00	284	2053933	188.40	ppm		98
65) Pentachlorophenol	8.16	266	1257797	197.78	ppm		98
66) Phenanthrene	8.33	178	7419548	118.09	ppm		89
67) Anthracene	8.37	178	7378788	115.72	ppm		87
68) Carbazole	8.50	167	8273118	136.86	ppm		88
69) Di-n-butylphthalate	8.75	149	8151513	104.31	ppm		82
70) Fluoranthene	9.24	202	7874948	129.25	ppm		83
72) Pyrene	9.42	202	8405936	112.55	ppm		83

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration

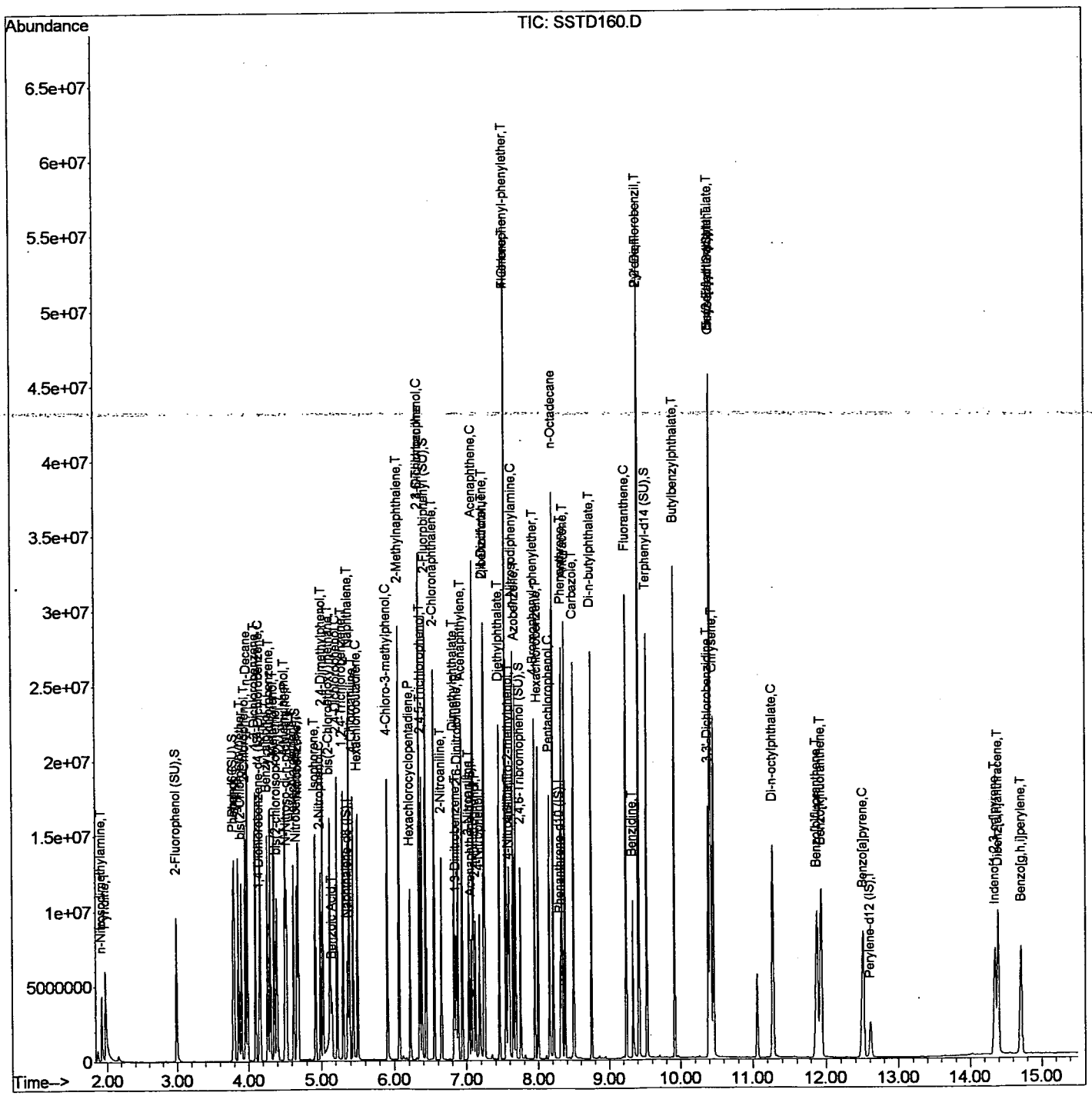
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.42	139	7968827	122.27	ppm	87
75) Benzidine	9.34	184	3059668	96.62	ppm	99
76) Butylbenzylphthalate	9.92	149	5871255	140.58	ppm	97
77) 3,3'-Dichlorobenzidine	10.39	252	3396967	158.68	ppm	99
78) Benzo[a]anthracene	10.42	228	7540105	137.92	ppm	96
79) Chrysene	10.46	228	7407875	145.78	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.42	149	7999938	131.51	ppm	94
81) Di-n-octylphthalate	11.28	149	11434638	141.51	ppm	97
83) Benzo[b]fluoranthene	11.88	252	8067963	135.42	ppm	98
84) Benzo[k]fluoranthene	11.94	252	7608753	136.94	ppm	99
85) Benzo[a]pyrene	12.51	252	6771734	132.20	ppm	89
86) Indeno[1,2,3-cd]pyrene	14.35	276	5235524	127.27	ppm	98
87) Dibenz[a,h]anthracene	14.40	278	5762148	133.61	ppm	98
88) Benzo[g,h,i]perylene	14.72	276	5034964	123.74	ppm	98

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : SSTD160.D
Acq On : 20 Nov 2007 11:54 am
Operator : AI/DF
Sample : 160ppm STD# 7100434
Misc : 8270/625 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 20 12:33:50 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 10:41:11 2007
Response via : Initial Calibration



CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File: **LCS050A.D**
Operator: **AI/DF**
Date Acquired: **11/20/2007 15:15**

Instrument: **gcms65**
Initial Calibration: ~~**#REF!**~~ Midpoint analysis
Method File: ~~**I7I19SV.M**~~ I7K20SV.M

12/6/07

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	52.96	-5.93
1,4-Dichlorobenzene	50	52.83	-5.66
2-Nitrophenol	50	52.84	-5.67
2,4-Dichlorophenol	50	51.59	-3.19
Hexachlorobutadiene	50	50.73	-1.46
4-Chloro-3-methylphenol	50	51.51	-3.03
2,4,6-Trichlorophenol	50	51.50	-2.99
Acenaphthene	50	50.72	-1.44
n-Nitrosodiphenylamine	50	51.01	-2.01
Pentachlorophenol	50	51.86	-3.73
Fluoranthene	50	46.47	7.06
Di-n-octylphthalate	50	58.16	-16.33
Benzo[a]pyrene	50	49.21	1.59

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	0.973
Hexachlorocyclopentadiene	0.05	0.217
2,4-Dinitrophenol	0.05	0.189
4-Nitrophenol	0.05	0.160

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: LCS050A.D
Date: ~~##########~~ 11/20/07 to 12/10/07

Source: Crescent Chemical
Instrument: gcms65

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	54.71	109	(70-130)
n-Nitrosodimethylamine	50	51.67	103	(80-120)
bis(2-Chloroethyl)ether	50	53.75	108	(80-120)
Aniline	50	54.68	109	(80-120)
2-Chlorophenol	50	52.30	105	(80-120)
n-Decane	50	48.85	98	(80-120)
1,3-Dichlorobenzene	50	52.22	104	(80-120)
1,2-Dichlorobenzene	50	52.35	105	(80-120)
Benzyl alcohol	50	60.71	121	(70-130)
bis(2-chloroisopropyl)ether	50	53.70	107	(80-120)
2-Methylphenol	50	53.39	107	(80-120)
Hexachloroethane	50	51.45	103	(80-120)
N-Nitroso-di-n-propylamine	50	55.93	112	(80-120)
4-Methylphenol	50	54.79	110	(80-120)
Nitrobenzene	50	53.57	107	(80-120)
Isophorone	50	51.69	103	(80-120)
2,4-Dimethylphenol	50	50.62	101	(80-120)
bis(2-Chloroethoxy)methane	50	54.73	109	(80-120)
1,2,4-Trichlorobenzene	50	51.10	102	(80-120)
Benzoic Acid	50	50.69	101	(75-125)
Naphthalene	50	50.31	101	(80-120)
4-Chloroaniline	50	51.55	103	(80-120)
2-Methylnaphthalene	50	52.82	106	(80-120)
2,3-Dichloroaniline	50	49.69	99	(80-120)
Hexachlorocyclopentadiene	50	53.68	107	(70-130)
2,4,5-Trichlorophenol	50	51.90	104	(80-120)
2-Chloronaphthalene	50	52.50	105	(80-120)
2-Nitroaniline	50	51.70	103	(80-130)
1,3-Dinitrobenzene	50	55.74	111	(80-120)
Acenaphthylene	50	51.00	102	(80-120)
Dimethylphthalate	50	50.91	102	(80-120)
2,6-Dinitrotoluene	50	49.59	99	(80-120)
3-Nitroaniline	50	52.15	104	(70-140)
2,4-Dinitrophenol	50	47.42	95	(60-140)
Dibenzofuran	50	51.76	104	(80-120)
2,4-Dinitrotoluene	50	51.25	102	(70-140)
4-Nitrophenol	50	52.37	105	(60-135)
Fluorene	50	49.90	100	(80-120)
4-Chlorophenyl-phenylether	50	47.60	95	(80-120)
Diethylphthalate	50	51.43	103	(65-120)
Azobenzene	50	49.07	98	(80-120)
4-Nitroaniline	50	42.18	84	(60-160)
n-Octadecane	50	49.44	99	(80-120)
4,6-Dinitro-2-methylphenol	50	48.60	97	(80-120)
4-Bromophenyl-phenylether	50	51.28	103	(75-125)

Hexachlorobenzene	50	47.59	95	(70-120)
Phenanthrene	50	51.45	103	(80-120)
Anthracene	50	50.56	101	(80-120)
Carbazole	50	48.05	96	(70-120)
Di-n-butylphthalate	50	48.95	98	(80-120)
Pyrene	50	47.67	95	(60-120)
2,2'-Dichlorobenzil	50	48.67	97	(80-120)
Benzidine	50	61.14	122	(30-180)
Butylbenzylphthalate	50	53.59	107	(80-120)
3,3'-Dichlorobenzidine	50	49.45	99	(50-170)
Benzo[a]anthracene	50	51.39	103	(80-120)
Chrysene	50	50.47	101	(80-120)
bis(2-Ethylhexyl)phthalate	50	51.30	103	(75-125)
Benzo[b]fluoranthene	50	48.08	96	(80-120)
Benzo[k]fluoranthene	50	49.31	99	(80-120)
Indeno[1,2,3-cd]pyrene	50	43.87	88	(50-150)
Dibenz[a,h]anthracene	50	46.14	92	(60-160)
Benzo[g,h,i]perylene	50	41.97	84	(50-160)

Surrogates

2-Fluorophenol (SU)	50	52.40	105	(80-120)
Phenol-d6 (SU)	50	53.85	108	(80-120)
Nitrobenzene-d5 (SU)	25	24.74	99	(80-120)
2-Fluorobiphenyl (SU)	25	25.84	103	(80-120)
2,4,6-Tribromophenol (SU)	50	46.91	94	(80-120)
Terphenyl-d14 (SU)	25	24.12	96	(70-130)

*Denotes values out of expected range.

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	729609	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	5.36	136	3193779	40.00	ppm		0.02
36) Acenaphthene-d10 (IS)	7.07	162	1611787	40.00	ppm		0.02
59) Phenanthrene-d10 (IS)	8.32	188	2223132	40.00	ppm		0.02
71) Chrysene-d12 (IS)	10.44	240	1755796	40.00	ppm		0.02
82) Perylene-d12 (IS)	12.63	264	1653708	40.00	ppm		0.06
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.98	112	1171716	52.40	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 52.40%				
7) Phenol-d6 (SU)	3.78	99	1477734	53.85	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 53.85%				
21) Nitrobenzene-d5 (SU)	4.66	82	645155	24.74	ppm		0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 49.48%				
40) 2-Fluorobiphenyl (SU)	6.43	172	1425651	25.84	ppm		0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 51.68%				
62) 2,4,6-Tribromophenol (SU)	7.75	330	361131	46.91	ppm		0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 46.91%				
74) Terphenyl-d14 (SU)	9.54	244	1058987	24.12	ppm		0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 48.24%				
Target Compounds							Qvalue
3) Pyridine	1.97	79	1270604	54.71	ppm		100
4) n-Nitrosodimethylamine	1.92	74	743647	51.67	ppm		99
5) bis(2-Chloroethyl)ether	3.89	93	1329143	53.75	ppm		99
6) Aniline	3.85	93	1993074	54.68	ppm		99
8) Phenol	3.79	94	1570657	52.96	ppm		99
9) 2-Chlorophenol	3.95	128	1350695	52.30	ppm		98
10) n-Decane	3.98	57	1468759	48.85	ppm		100
11) 1,3-Dichlorobenzene	4.10	146	1550574	52.22	ppm		100
12) 1,4-Dichlorobenzene	4.16	146	1592738	52.83	ppm		100
13) 1,2-Dichlorobenzene	4.30	146	1506461	52.35	ppm		98
14) Benzyl alcohol	4.26	108	911188	60.71	ppm		98
15) bis(2-chloroisopropyl)ethe	4.39	45	1885505	53.70	ppm	#	99
16) 2-Methylphenol	4.35	107	1112117	53.39	ppm		96
17) Hexachloroethane	4.63	117	547835	51.45	ppm		98
18) N-Nitroso-di-n-propylamine	4.51	70	992957	55.93	ppm		98
19) 4-Methylphenol	4.50	107	1631569	54.79	ppm		99
22) Nitrobenzene	4.68	77	1411838	53.57	ppm		99
23) Isophorone	4.91	82	2438918	51.69	ppm		100
24) 2-Nitrophenol	4.99	139	770826	52.84	ppm		99
25) 2,4-Dimethylphenol	5.02	122	1289849	50.62	ppm		98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	1747803	54.73	ppm	96
27) 2,4-Dichlorophenol	5.22	162	1144974	51.59	ppm	99
28) 1,2,4-Trichlorobenzene	5.30	180	1113086	51.10	ppm	99
29) Benzoic Acid	5.11	122	819254	50.69	ppm	97
30) Naphthalene	5.39	128	4279741	50.31	ppm	99
31) 4-Chloroaniline	5.43	127	1753352	51.55	ppm	99
32) Hexachlorobutadiene	5.50	225	508372	50.73	ppm	98
33) 4-Chloro-3-methylphenol	5.90	107	1212652	51.51	ppm	99
34) 2-Methylnaphthalene	6.07	141	2537646	52.82	ppm	99
35) 2,3-Dichloroaniline	6.35	161	1365002	49.69	ppm	99
37) Hexachlorocyclopentadiene	6.22	237	470205	53.68	ppm	100
38) 2,4,6-Trichlorophenol	6.34	196	681413	51.50	ppm	99
39) 2,4,5-Trichlorophenol	6.38	196	716035	51.90	ppm	99
41) 2-Chloronaphthalene	6.55	162	2567794	52.50	ppm	99
42) 2-Nitroaniline	6.65	65	748114	51.70	ppm	99
43) 1,3-Dinitrobenzene	6.85	168	442700	55.74	ppm	99
44) Acenaphthylene	6.94	152	3772042	51.00	ppm	99
45) Dimethylphthalate	6.82	163	2800531	50.91	ppm	100
46) 2,6-Dinitrotoluene	6.88	165	643070	49.59	ppm	96
47) Acenaphthene	7.10	154	2494188	50.72	ppm	99
48) 3-Nitroaniline	7.03	138	791181	52.15	ppm	97
49) 2,4-Dinitrophenol	7.12	184	329328	47.42	ppm	92
50) Dibenzofuran	7.25	168	3482849	51.76	ppm	99
51) 2,4-Dinitrotoluene	7.24	165	862816	51.25	ppm	98
52) 4-Nitrophenol	7.17	109	338407	52.37	ppm	98
53) Fluorene	7.55	166	2836738	49.90	ppm	99
54) 4-Chlorophenyl-phenylether	7.55	204	1087717	47.60	ppm	98
55) Diethylphthalate	7.45	149	2845163	51.43	ppm	99
56) Azobenzene	7.68	77	2794844	49.07	ppm	100
57) 4-Nitroaniline	7.56	138	609451	42.18	ppm	96
58) n-Octadecane	8.21	57	1994136	49.44	ppm	98
60) 4,6-Dinitro-2-methylphenol	7.58	105	210274m	48.60	ppm	
61) n-Nitrosodiphenylamine	7.65	169	1962231	51.01	ppm	98
63) 4-Bromophenyl-phenylether	7.95	248	628762	51.28	ppm	97
64) Hexachlorobenzene	8.00	284	680450	47.59	ppm	99
65) Pentachlorophenol	8.16	266	420375	51.86	ppm	98
66) Phenanthrene	8.33	178	3621518	51.45	ppm	99
67) Anthracene	8.37	178	3585318	50.56	ppm	99
68) Carbazole	8.50	167	3232470	48.05	ppm	100
69) Di-n-butylphthalate	8.75	149	3906793	48.95	ppm	100
70) Fluoranthene	9.25	202	3015602	46.47	ppm	99
72) Pyrene	9.43	202	3225809	47.67	ppm	99

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

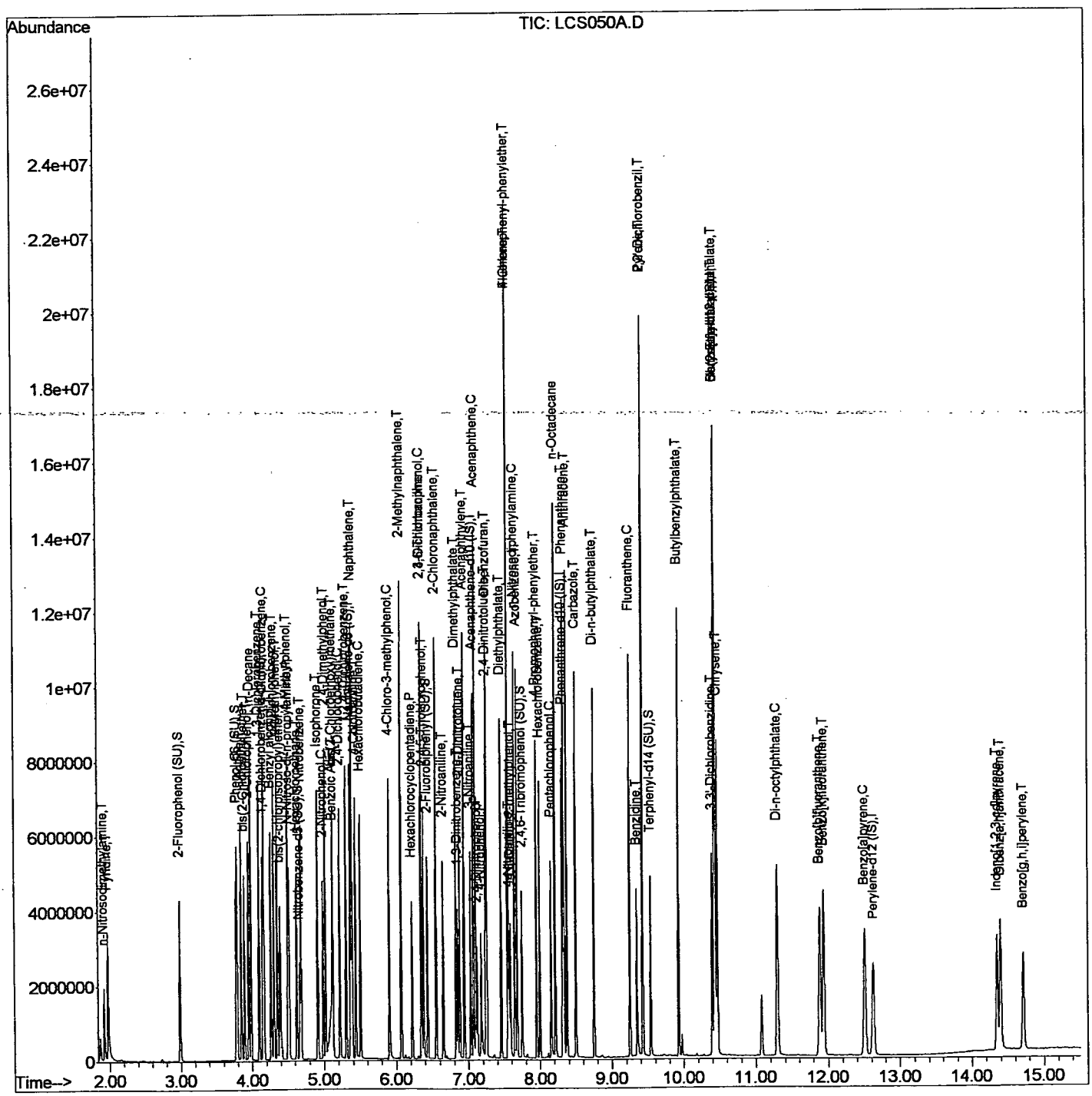
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.43	139	2874303	48.67 ppm	99
75) Benzidine	9.34	184	1445256	61.14 ppm	99
76) Butylbenzylphthalate	9.93	149	2048733	53.59 ppm	99
77) 3,3'-Dichlorobenzidine	10.39	252	1047870	49.45 ppm	99
78) Benzo[a]anthracene	10.43	228	2630344	51.39 ppm	98
79) Chrysene	10.47	228	2532598	50.47 ppm	99
80) bis(2-Ethylhexyl)phthalate	10.43	149	2799595	51.30 ppm	99
81) Di-n-octylphthalate	11.29	149	4356184	58.16 ppm	99
83) Benzo[b]fluoranthene	11.88	252	2649155	48.08 ppm	100
84) Benzo[k]fluoranthene	11.94	252	2732054	49.31 ppm	97
85) Benzo[a]pyrene	12.51	252	2464482	49.21 ppm	99
86) Indeno[1,2,3-cd]pyrene	14.35	276	1791796	43.87 ppm	99
87) Dibenz[a,h]anthracene	14.40	278	2047332	46.14 ppm	98
88) Benzo[g,h,i]perylene	14.71	276	1682485	41.97 ppm	99

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	108	0.00
2	S	2-Fluorophenol (SU)	1.226	1.285	-4.8	114	0.00
3	T	Pyridine	1.273	1.393	-9.4	112	0.00
4	T	n-Nitrosodimethylamine	0.789	0.815	-3.3	109	0.00
5	T	bis(2-Chloroethyl)ether	1.356	1.457	-7.4	118	0.00
6	T	Aniline	1.998	2.185	-9.4	118	0.00
7	S	Phenol-d6 (SU)	1.504	1.620	-7.7	114	0.00
8	C	Phenol	1.626	1.722	-5.9	116	0.00
9	T	2-Chlorophenol	1.416	1.481	-4.6	117	0.00
10		n-Decane	1.648	1.610	2.3	105	0.00
11	T	1,3-Dichlorobenzene	1.628	1.700	-4.4	113	0.00
12	C	1,4-Dichlorobenzene	1.653	1.746	-5.6	113	0.00
13	T	1,2-Dichlorobenzene	1.578	1.652	-4.7	115	0.00
14	T	Benzyl alcohol	0.823	0.999	-21.4#	128	0.01
15	T	bis(2-chloroisopropyl)ether	1.925	2.067	-7.4	118	0.01
16	T	2-Methylphenol	1.142	1.219	-6.7	118	0.01
17	T	Hexachloroethane	0.584	0.601	-2.9	113	0.02
18	P	N-Nitroso-di-n-propylamine	0.973	1.089	-11.9	124	0.01
19	T	4-Methylphenol	1.633	1.789	-9.6	121	0.01
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	118	0.02
21	S	Nitrobenzene-d5 (SU)	0.327	0.162	50.5#	58	0.01
22	T	Nitrobenzene	0.330	0.354	-7.3	126	0.01
23	T	Isophorone	0.591	0.611	-3.4	124	0.02
24	C	2-Nitrophenol	0.183	0.193	-5.5	124	0.02
25	T	2,4-Dimethylphenol	0.319	0.323	-1.3	123	0.02
26	T	bis(2-Chloroethoxy)methane	0.400	0.438	-9.5	131	0.02
27	C	2,4-Dichlorophenol	0.278	0.287	-3.2	122	0.02
28	T	1,2,4-Trichlorobenzene	0.273	0.279	-2.2	121	0.02
29	T	Benzoic Acid	0.171	0.205	-19.9	134	0.02
30	T	Naphthalene	1.065	1.072	-0.7	119	0.02
31	T	4-Chloroaniline	0.426	0.439	-3.1	120	0.02
32	C	Hexachlorobutadiene	0.126	0.127	-0.8	121	0.02
33	C	4-Chloro-3-methylphenol	0.295	0.304	-3.1	122	0.02
34	T	2-Methylnaphthalene	0.602	0.636	-5.6	123	0.02
35		2,3-Dichloroaniline	0.344	0.342	0.6	121	0.02
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	115	0.02

Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
37	P	Hexachlorocyclopentadiene	0.217	0.233	-7.4	129	0.02
38	C	2,4,6-Trichlorophenol	0.328	0.338	-3.0	123	0.02
39	T	2,4,5-Trichlorophenol	0.342	0.355	-3.8	119	0.02
40	S	2-Fluorobiphenyl (SU)	1.369	0.708	48.3#	60	0.02
41	T	2-Chloronaphthalene	1.214	1.275	-5.0	121	0.02
42	T	2-Nitroaniline	0.359	0.371	-3.3	120	0.02
43	T	1,3-Dinitrobenzene	0.197	0.220	-11.7	127	0.02
44	T	Acenaphthylene	1.836	1.872	-2.0	117	0.02
45	T	Dimethylphthalate	1.365	1.390	-1.8	117	0.02
46	T	2,6-Dinitrotoluene	0.322	0.319	0.9	118	0.02
47	C	Acenaphthene	1.220	1.238	-1.5	115	0.02
48	T	3-Nitroaniline	0.376	0.393	-4.5	111	0.02
49	P	2,4-Dinitrophenol	0.157	0.163	-3.8	115	0.02
50	T	Dibenzofuran	1.670	1.729	-3.5	113	0.02
51	T	2,4-Dinitrotoluene	0.418	0.428	-2.4	113	0.02
52	P	4-Nitrophenol	0.160	0.168	-5.0	108	0.02
53	T	Fluorene	1.411	1.408	0.2	112	0.02
54	T	4-Chlorophenyl-phenylether	0.567	0.540	4.8	112	0.02
55	T	Diethylphthalate	1.373	1.412	-2.8	113	0.02
56	T	Azobenzene	1.414	1.387	1.9	110	0.02
57	T	4-Nitroaniline	0.359	0.302	15.9	108	0.02
58		n-Octadecane	1.001	0.990	1.1	109	0.02
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	104	0.02
60	T	4,6-Dinitro-2-methylphenol	0.071	0.076	-7.0	113	0.02
61	C	n-Nitrosodiphenylamine	0.692	0.706	-2.0	110	0.02
62	S	2,4,6-Tribromophenol (SU)	0.124	0.130	-4.8	114	0.02
63	T	4-Bromophenyl-phenylether	0.221	0.226	-2.3	115	0.02
64	T	Hexachlorobenzene	0.257	0.245	4.7	107	0.02
65	C	Pentachlorophenol	0.146	0.151	-3.4	106	0.02
66	T	Phenanthrene	1.266	1.303	-2.9	104	0.02
67	T	Anthracene	1.276	1.290	-1.1	103	0.02
68	T	Carbazole	1.210	1.163	3.9	104	0.02
69	T	Di-n-butylphthalate	1.436	1.406	2.1	106	0.02
70	C	Fluoranthene	1.168	1.085	7.1	105	0.03
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	105	0.02
72	T	Pyrene	1.542	1.470	4.7	105	0.03

Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:43:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

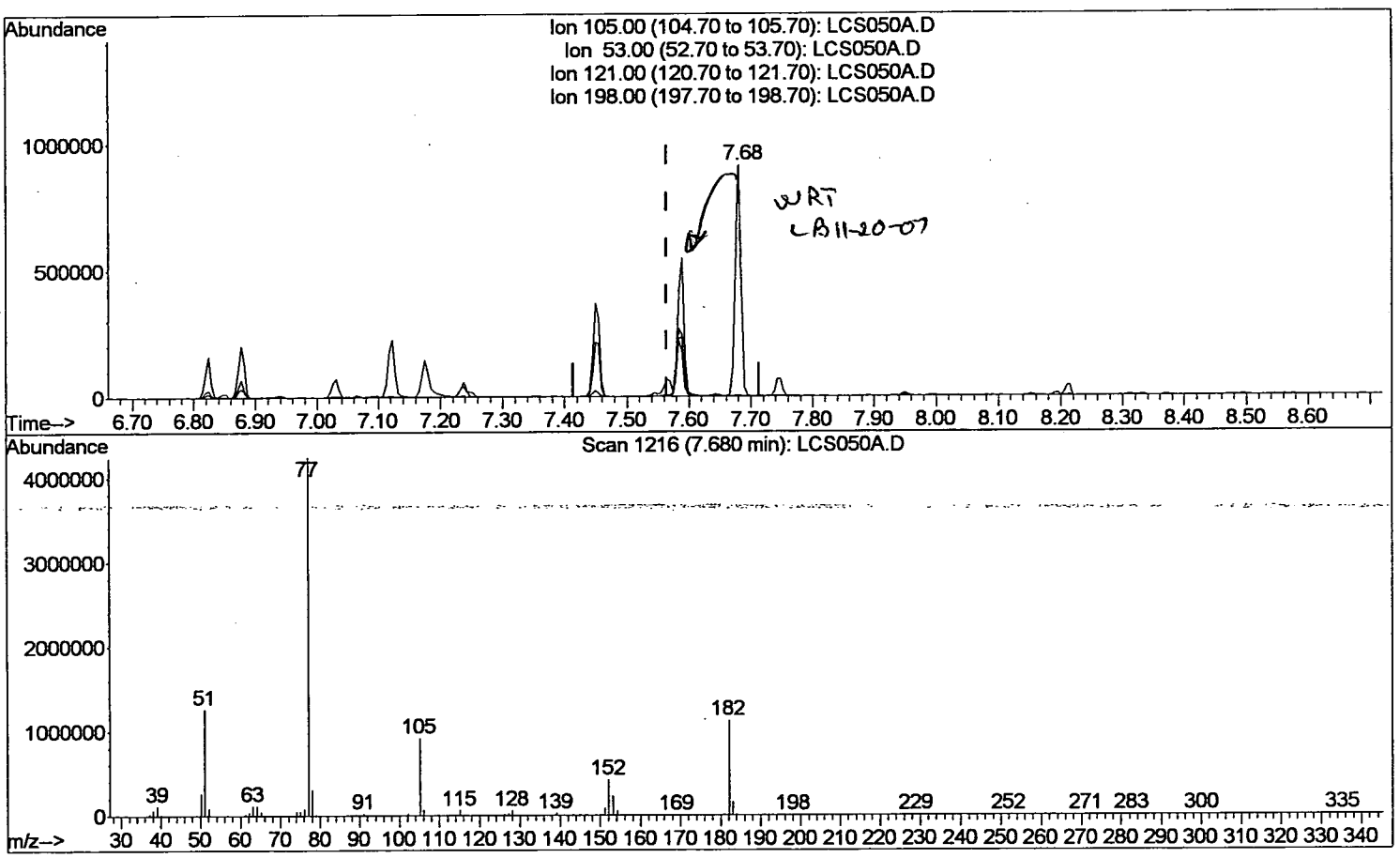
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	T	2,2'-Dichlorobenzil	1.345	1.310	2.6	102	0.03
74	S	Terphenyl-d14 (SU)	1.000	0.483	51.7#	50	0.03
75	T	Benzidine	0.539	0.659	-22.3#	133	0.03
76	T	Butylbenzylphthalate	0.871	0.933	-7.1	108	0.02
77	T	3,3'-Dichlorobenzidine	0.483	0.477	1.2	108	0.02
78	T	Benzo[a]anthracene	1.166	1.198	-2.7	107	0.02
79	T	Chrysene	1.143	1.154	-1.0	107	0.02
80	T	bis(2-Ethylhexyl)phthalate	1.243	1.276	-2.7	107	0.02
81	C	Di-n-octylphthalate	1.706	1.985	-16.4#	130	0.04
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	137	0.06
83	T	Benzo[b]fluoranthene	1.333	1.282	3.8	112	0.04
84	T	Benzo[k]fluoranthene	1.340	1.322	1.3	114	0.05
85	C	Benzo[a]pyrene	1.211	1.192	1.6	115	0.04
86	T	Indeno[1,2,3-cd]pyrene	0.988	0.867	12.2	103	0.04
87	T	Dibenz[a,h]anthracene	1.073	0.990	7.7	110	0.04
88	T	Benzo[g,h,i]perylene	0.970	0.814	16.1	96	0.04

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

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



TIC: LCS050A.D

(60) 4,6-Dinitro-2-methylphenol (T)

7.680min (+0.116) 122.66ppm

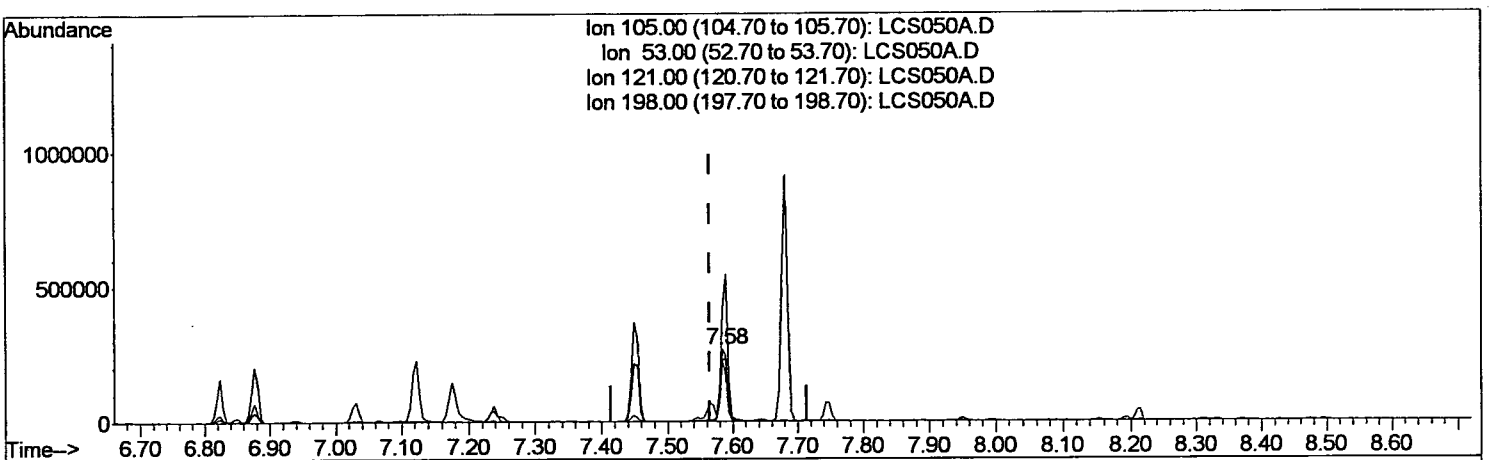
response 590027

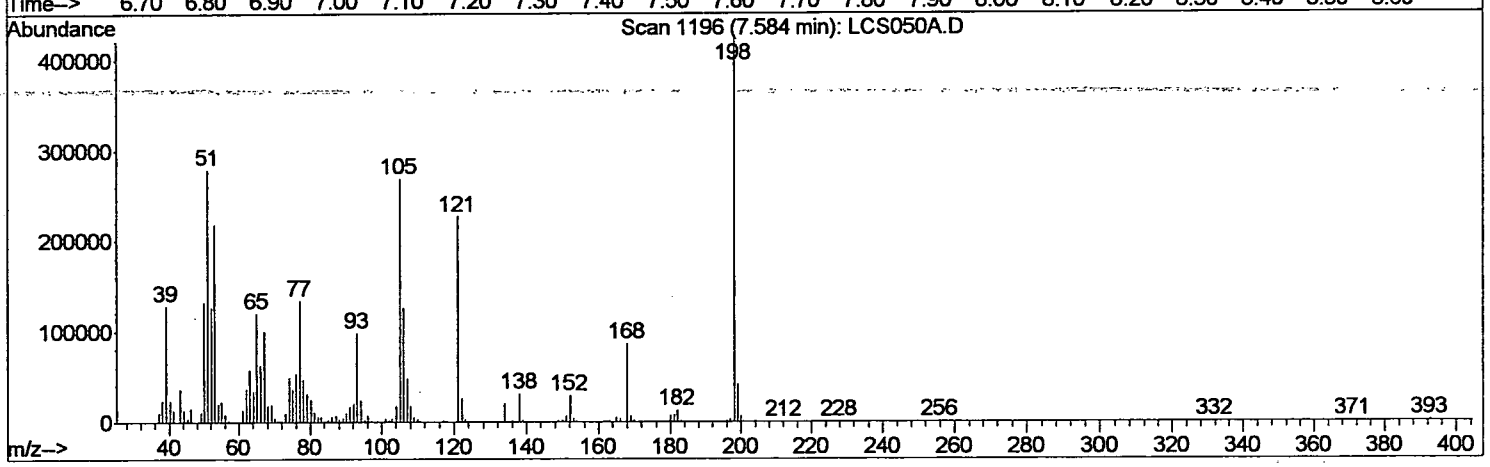
Ion	Exp%	Act%
105.00	100	100
53.00	87.90	0.00#
121.00	92.80	0.00#
198.00	190.50	0.26#

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration





TIC: LCS050A.D

(60) 4,6-Dinitro-2-methylphenol (T)

7.584min (+0.019) 48.60ppm m

response 210274

Ion	Exp%	Act%
105.00	100	100
53.00	87.90	0.00#
121.00	92.80	0.00#
198.00	190.50	0.73#

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.15	152	729609	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	5.36	136	3193779	40.00	ppm		0.02
36) Acenaphthene-d10 (IS)	7.07	162	1611787	40.00	ppm		0.02
59) Phenanthrene-d10 (IS)	8.32	188	2223132	40.00	ppm		0.02
71) Chrysene-d12 (IS)	10.44	240	1755796	40.00	ppm		0.02
82) Perylene-d12 (IS)	12.63	264	1653708	40.00	ppm		0.06
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.98	112	1171716	52.40	ppm		0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 52.40%				
7) Phenol-d6 (SU)	3.78	99	1477734	53.85	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 53.85%				
21) Nitrobenzene-d5 (SU)	4.66	82	645155	24.74	ppm		0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 49.48%				
40) 2-Fluorobiphenyl (SU)	6.43	172	1425651	25.84	ppm		0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 51.68%				
62) 2,4,6-Tribromophenol (SU)	7.75	330	361131	46.91	ppm		0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 46.91%				
74) Terphenyl-d14 (SU)	9.54	244	1058987	24.12	ppm		0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 48.24%				
Target Compounds							Qvalue
3) Pyridine	1.97	79	1270604	54.71	ppm		100
4) n-Nitrosodimethylamine	1.92	74	743647	51.67	ppm		99
5) bis(2-Chloroethyl)ether	3.89	93	1329143	53.75	ppm		99
6) Aniline	3.85	93	1993074	54.68	ppm		99
8) Phenol	3.79	94	1570657	52.96	ppm		99
9) 2-Chlorophenol	3.95	128	1350695	52.30	ppm		98
10) n-Decane	3.98	57	1468759	48.85	ppm		100
11) 1,3-Dichlorobenzene	4.10	146	1550574	52.22	ppm		100
12) 1,4-Dichlorobenzene	4.16	146	1592738	52.83	ppm		100
13) 1,2-Dichlorobenzene	4.30	146	1506461	52.35	ppm		98
14) Benzyl alcohol	4.26	108	911188	60.71	ppm		98
15) bis(2-chloroisopropyl)ethe	4.39	45	1885505	53.70	ppm	#	99
16) 2-Methylphenol	4.35	107	1112117	53.39	ppm		96
17) Hexachloroethane	4.63	117	547835	51.45	ppm		98
18) N-Nitroso-di-n-propylamine	4.51	70	992957	55.93	ppm		98
19) 4-Methylphenol	4.50	107	1631569	54.79	ppm		99
22) Nitrobenzene	4.68	77	1411838	53.57	ppm		99
23) Isophorone	4.91	82	2438918	51.69	ppm		100
24) 2-Nitrophenol	4.99	139	770826	52.84	ppm		99
25) 2,4-Dimethylphenol	5.02	122	1289849	50.62	ppm		98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) bis(2-Chloroethoxy)methane	5.12	93	1747803	54.73	ppm		96
27) 2,4-Dichlorophenol	5.22	162	1144974	51.59	ppm		99
28) 1,2,4-Trichlorobenzene	5.30	180	1113086	51.10	ppm		99
29) Benzoic Acid	5.11	122	819254	50.69	ppm		97
30) Naphthalene	5.39	128	4279741	50.31	ppm		99
31) 4-Chloroaniline	5.43	127	1753352	51.55	ppm		99
32) Hexachlorobutadiene	5.50	225	508372	50.73	ppm		98
33) 4-Chloro-3-methylphenol	5.90	107	1212652	51.51	ppm		99
34) 2-Methylnaphthalene	6.07	141	2537646	52.82	ppm		99
35) 2,3-Dichloroaniline	6.35	161	1365002	49.69	ppm		99
37) Hexachlorocyclopentadiene	6.22	237	470205	53.68	ppm		100
38) 2,4,6-Trichlorophenol	6.34	196	681413	51.50	ppm		99
39) 2,4,5-Trichlorophenol	6.38	196	716035	51.90	ppm		99
41) 2-Chloronaphthalene	6.55	162	2567794	52.50	ppm		99
42) 2-Nitroaniline	6.65	65	748114	51.70	ppm		99
43) 1,3-Dinitrobenzene	6.85	168	442700	55.74	ppm		99
44) Acenaphthylene	6.94	152	3772042	51.00	ppm		99
45) Dimethylphthalate	6.82	163	2800531	50.91	ppm		100
46) 2,6-Dinitrotoluene	6.88	165	643070	49.59	ppm		96
47) Acenaphthene	7.10	154	2494188	50.72	ppm		99
48) 3-Nitroaniline	7.03	138	791181	52.15	ppm		97
49) 2,4-Dinitrophenol	7.12	184	329328	47.42	ppm		92
50) Dibenzofuran	7.25	168	3482849	51.76	ppm		99
51) 2,4-Dinitrotoluene	7.24	165	862816	51.25	ppm		98
52) 4-Nitrophenol	7.17	109	338407	52.37	ppm		98
53) Fluorene	7.55	166	2836738	49.90	ppm		99
54) 4-Chlorophenyl-phenylether	7.55	204	1087717	47.60	ppm		98
55) Diethylphthalate	7.45	149	2845163	51.43	ppm		99
56) Azobenzene	7.68	77	2794844	49.07	ppm		100
57) 4-Nitroaniline	7.56	138	609451	42.18	ppm		96
58) n-Octadecane	8.21	57	1994136	49.44	ppm		98
60) 4,6-Dinitro-2-methylphenol	7.68	105	590027	122.66	ppm	#	1
61) n-Nitrosodiphenylamine	7.65	169	1962231	51.01	ppm		98
63) 4-Bromophenyl-phenylether	7.95	248	628762	51.28	ppm		97
64) Hexachlorobenzene	8.00	284	680450	47.59	ppm		99
65) Pentachlorophenol	8.16	266	420375	51.86	ppm		98
66) Phenanthrene	8.33	178	3621518	51.45	ppm		99
67) Anthracene	8.37	178	3585318	50.56	ppm		99
68) Carbazole	8.50	167	3232470	48.05	ppm		100
69) Di-n-butylphthalate	8.75	149	3906793	48.95	ppm		100
70) Fluoranthene	9.25	202	3015602	46.47	ppm		99
72) Pyrene	9.43	202	3225809	47.67	ppm		99

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

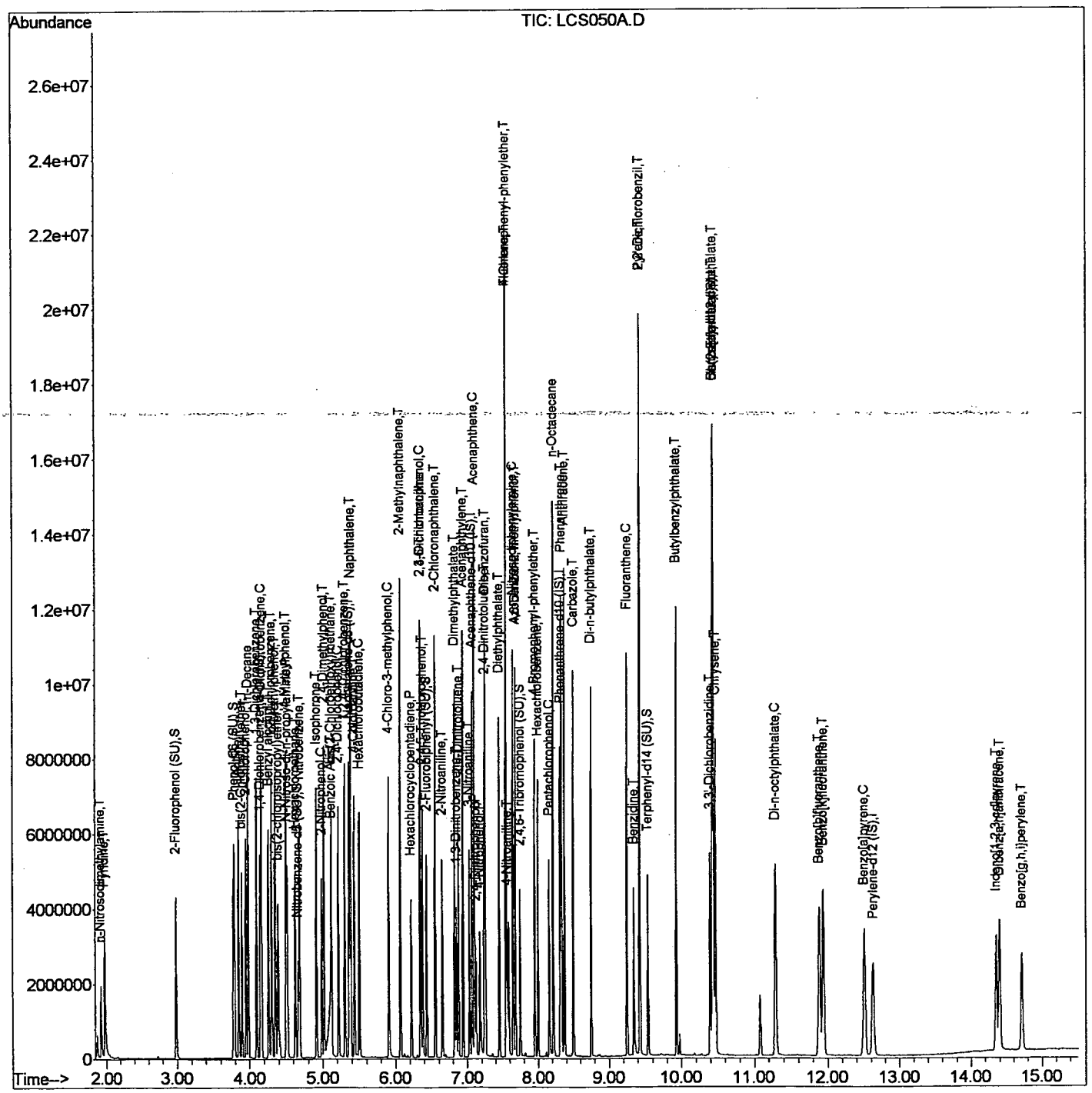
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.43	139	2874303	48.67	ppm	99
75) Benzidine	9.34	184	1445256	61.14	ppm	99
76) Butylbenzylphthalate	9.93	149	2048733	53.59	ppm	99
77) 3,3'-Dichlorobenzidine	10.39	252	1047870	49.45	ppm	99
78) Benzo[a]anthracene	10.43	228	2630344	51.39	ppm	98
79) Chrysene	10.47	228	2532598	50.47	ppm	99
80) bis(2-Ethylhexyl)phthalate	10.43	149	2799595	51.30	ppm	99
81) Di-n-octylphthalate	11.29	149	4356184	58.16	ppm	99
83) Benzo[b]fluoranthene	11.88	252	2649155	48.08	ppm	100
84) Benzo[k]fluoranthene	11.94	252	2732054	49.31	ppm	97
85) Benzo[a]pyrene	12.51	252	2464482	49.21	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.35	276	1791796	43.87	ppm	99
87) Dibenz[a,h]anthracene	14.40	278	2047332	46.14	ppm	98
88) Benzo[g,h,i]perylene	14.71	276	1682485	41.97	ppm	99

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV20\
Data File : LCS050A.D
Acq On : 20 Nov 2007 3:15 pm
Operator : AI/DF
Sample : 50ppm STD# 7080163
Misc : 8270/625 2nd Source ICAL Verification
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 17:42:55 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



GC/MS DAILY LOG SUMMARY

DATE: 11-21-07 **DATAFILE:** D:\GCMS65\DATA\ 07NOV21

ANALYST: SM **GCMS:** # 65 **EPA METHOD:** 625/8270C

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN1	***		Pass @ 12:17 PM (allowed)			1 Failed
2	50ppm Midpoint STD	***	SSTD050B (SSTD050A - failed)	***					
3	IQK1726-02	-	I1121001	S	SM	19054	SM 11-23-07	11/23/07	
4	-03	-	02						
5	-04	-	03						
6	-05	-	04						
7	-06	-	05			19063	SM 11-23-07		
8	IQK1728-02	-	06						
9	-03	-	07						
10	-04	-	08						
11	IQK19096-BLK1	-	09	W		19096	SM 11-23-07		
12	-BS1	-	10						
13	-BSD1	-	11						
14	IQK1728-05	-	12	S		19063	SM 11-23-07		
15	-06	-	13						
16	-07	-	14						
17	-09	-	15						
18	IQK1872-01	-	16						
19	-03	-	17						
20	-04	-	18						
21	-05	-	19						
22	-06	-	20						
23	-07	-	21						
24	-10	-	22						
25	-08	-	23						
26	IQK1726-07	-	24			19069	SM 11/23/07		
27	IQK1873-04	-	25						
28	-05	-	26						
29	-06	-	27						
30	IQK1728-01	-	28			19063	SM 11-23-07		

* SSD050 - not saved (i.e. doesn't exist)

Tailing Factor & Degradation: ↓SOA - failed Methylene Chloride Lot# E41E60

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110459 Calibration: 7110295

GC/MS DAILY LOG SUMMARY

DATE: 11-21-07 **DATAFILE:** D:\GCMS65\DATA\ 07 NOV21

ANALYST: SM **GCMS:** # 65 **EPA METHOD:** 8270 PAH SIM

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
31	7K19063-MS1	-	J1121029	5	KS	19063	SM 11-23-07	11/26/7	
32	-MSD1	-	30						
33	10K1873-02	-	31			19069	SM 11/23/07		
34									
35									
36									
37									
38									
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GC/MS QA-QC Check Report

Tune File : D:\GCMS65\DATA\07NOV21\STUN2.D
Tune Time : 21 Nov 2007 12:17 pm

Daily Calibration File : D:\GCMS65\DATA\07NOV21\SSTD050B.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB)	(NPT)	(ANT)	(PHN)	(CRY)	(PRY)
								503093	2359020	1316080	1852080	1521120	1185350
File	Sample	Surrogate Recovery %						Internal Standard Responses					
I1121001.D	IQK1726-02	88	90	69	76	74	99	518863	2346207	1264709	2057958	1478846	1816789
I1121002.D	IQK1726-03	80	84	64	72	64	86	580549	2582722	1380521	2218976	1552192	1840074
I1121003.D	IQK1726-04	79	85	69	78	65	97	429441	1922653	1038667	1678618	1236184	1446662
I1121004.D	IQK1726-05	80	83	65	72	65	91	507914	2269852	1221849	2006828	1379132	1682587
I1121005.D	IQK1726-06	67	72	54	63	59	88	537304	2431042	1273961	2048312	1362779	1386593
I1121006.D	IQK1728-02	69	76	56	63	60	87	482868	2226328	1215563	1993350	1378735	1458351
I1121007.D	IQK1728-03	75	80	60	67	66	91	525116	2369801	1279875	2109055	1448778	1336640
I1121008.D	IQK1728-04	59	66	52	57	55	82	479579	2184940	1206708	1976320	1323926	1407372
I1121009.D	7K19096-BLK1	70	81	69	74	76	109	443565	2024173	1154015	1955351	1330292	1546819
I1121010.D	7K19096-BS1	47	55	62	71	73	109	376938	1700487	986997	1595561	1287085	1248857
I1121011.D	7K19096-BSD1	58	66	68	77	77	99	394784	1773008	993993	1583847	1300152	1211586
I1121012.D	IQK1728-05	57	64	50	54	53	81	480138	2181019	1197454	1939061	1299068	1332523
I1121013.D	IQK1728-06	47	51	40	43	45*	60	460629	2088249	1158845	1920994	1373643	1306969
I1121014.D	IQK1728-07	67	73	59	63	58	89	412294	1867197	1003665	1659363	1154067	1251143
I1121015.D	IQK1728-09	58	64	50	57	51	87	495689	2243410	1214797	1994833	1332595	1397976
I1121016.D	IQK1872-01	48	57	47	52	45*	74	505169	2292827	1240191	1892179	1374813	1349798
I1121017.D	IQK1872-03	55	65	51	58	52	83	497440	2307547	1269242	2065165	1443819	1435248
I1121018.D	IQK1872-04	44	61	55	60	42*	87	483705	2224640	1198284	1881689	1355679	1338272
I1121019.D	IQK1872-05	74	76	59	67	65	96	443135	2010485	1068220	1709465	1177181	1276705
I1121020.D	IQK1872-06	30	51	40	46	43*	76	473304	2151137	1175056	1920654	1315666	1304188
I1121021.D	IQK1872-07	53	60	48	52	48	87	458193	2078281	1153338	1883772	1242362	1330843
I1121022.D	IQK1872-10	53	63	51	57	49	90	451490	2031485	1092609	1728892	1194987	1154003
I1121023.D	IQK1872-08	45	56	42	45	41*	72	390421	1771479	959151	1569092	1079545	1081371
I1121024.D	IQK1726-07	68	76	59	65	58	93	404823	1892397	1033366	1715765	1245278	1157707
I1121025.D	IQK1873-04	80	90	71	79	63	100	421797	1905018	1023913	1712134	1230593	1134557
I1121026.D	IQK1873-05	65	81	64	72	56	95	417619	1945898	1079377	1828570	1278176	1250856
I1121027.D	IQK1873-06	62	75	59	67	50	85	270909	1261836	683282	1187687	871485	677232
I1121028.D	IQK1728-01	77	85	61	71	70	99	361608	1757301	962099	1575921	1072620	808618
I1121029.D	7K19063-MS1	67	72	54	59	63	86	486220	2305991	1301989	1990688	1301556	973253
I1121030.D	7K19063-MSD1	5	60	44	48	53	68	483307	2266743	1277535	1951683	1305219	1022398
I1121031.D	IQK1873-02	74	84	69	76	64	101	470802	2153906	1158205	1843974	1292819	1040376

- fails 12hr time check * - fails criteria

Created: Fri Nov 23 10:01:29 2007 gcms65

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050B.D**	Instrument:	**gcms65**
Operator:	**AI/DF**	Initial Calibration:	**#REF!**
Date Acquired:	**11/21/2007 13:02**	Method File:	**I7K20SV.M**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	51.62	-3.24
1,4-Dichlorobenzene	50	50.22	-0.45
2-Nitrophenol	50	53.26	-6.52
2,4-Dichlorophenol	50	50.55	-1.09
Hexachlorobutadiene	50	46.11	7.78
4-Chloro-3-methylphenol	50	52.55	-5.10
2,4,6-Trichlorophenol	50	49.15	1.70
Acenaphthene	50	49.25	1.50
n-Nitrosodiphenylamine	50	51.85	-3.71
Pentachlorophenol	50	56.75	-13.50
Fluoranthene	50	58.64	-17.28
Di-n-octylphthalate	50	55.05	-10.10
Benzo[a]pyrene	50	57.73	-15.46

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	0.973
Hexachlorocyclopentadiene	0.05	0.217
2,4-Dinitrophenol	0.05	0.189
4-Nitrophenol	0.05	0.160

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050B.D
Date: 11/21/2007 13:02

Source: Crescent Chemical
Instrument: gcms65

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	47.85	96	(80-120)
n-Nitrosodimethylamine	50	48.10	96	(80-120)
bis(2-Chloroethyl)ether	50	51.51	103	(80-120)
Aniline	50	52.22	104	(80-120)
2-Chlorophenol	50	52.07	104	(80-120)
n-Decane	50	48.41	97	(80-120)
1,3-Dichlorobenzene	50	49.63	99	(80-120)
1,2-Dichlorobenzene	50	50.34	101	(80-120)
Benzyl alcohol	50	60.11	120	(80-120)
bis(2-chloroisopropyl)ether	50	52.16	104	(80-120)
2-Methylphenol	50	53.24	106	(80-120)
Hexachloroethane	50	49.66	99	(80-120)
N-Nitroso-di-n-propylamine	50	54.43	109	(80-120)
4-Methylphenol	50	55.35	111	(80-120)
Nitrobenzene	50	48.43	97	(80-120)
Isophorone	50	49.93	100	(80-120)
2,4-Dimethylphenol	50	49.05	98	(80-120)
bis(2-Chloroethoxy)methane	50	50.00	100	(80-120)
1,2,4-Trichlorobenzene	50	48.30	97	(80-120)
Benzoic Acid	50	53.35	107	(80-120)
Naphthalene	50	48.26	97	(80-120)
4-Chloroaniline	50	52.34	105	(80-120)
2-Methylnaphthalene	50	52.42	105	(80-120)
2,3-Dichloroaniline	50	52.27	105	(80-120)
Hexachlorocyclopentadiene	50	46.42	93	(80-120)
2,4,5-Trichlorophenol	50	51.01	102	(80-120)
2-Chloronaphthalene	50	49.91	100	(80-120)
2-Nitroaniline	50	50.98	102	(80-120)
1,3-Dinitrobenzene	50	53.49	107	(80-120)
Acenaphthylene	50	49.23	98	(80-120)
Dimethylphthalate	50	52.40	105	(80-120)
2,6-Dinitrotoluene	50	52.85	106	(80-120)
3-Nitroaniline	50	52.43	105	(80-120)
2,4-Dinitrophenol	50	54.17	108	(80-120)
Dibenzofuran	50	51.91	104	(80-120)
2,4-Dinitrotoluene	50	51.47	103	(80-120)
4-Nitrophenol	50	52.57	105	(80-120)
Fluorene	50	51.08	102	(80-120)
4-Chlorophenyl-phenylether	50	48.58	97	(80-120)
Diethylphthalate	50	48.71	97	(80-120)
Azobenzene	50	49.51	99	(80-120)
4-Nitroaniline	50	56.35	113	(80-120)
n-Octadecane	50	47.09	94	(80-120)
4,6-Dinitro-2-methylphenol	50	53.81	108	(80-120)
4-Bromophenyl-phenylether	50	51.24	102	(80-120)

Hexachlorobenzene	50	50.76	102		(80-120)
Phenanthrene	50	50.05	100		(80-120)
Anthracene	50	50.00	100		(80-120)
Carbazole	50	57.81	116		(80-120)
Di-n-butylphthalate	50	62.85	126	*	(80-120)
Pyrene	50	55.84	112		(80-120)
2,2'-Dichlorobenzil	50	60.00	120		(80-120)
Benzidine	50	56.05	112		(80-120)
Butylbenzylphthalate	50	54.05	108		(80-120)
3,3'-Dichlorobenzidine	50	53.08	106		(80-120)
Benzo[a]anthracene	50	50.50	101		(80-120)
Chrysene	50	51.08	102		(80-120)
bis(2-Ethylhexyl)phthalate	50	52.15	104		(80-120)
Benzo[b]fluoranthene	50	60.95	122	*	(80-120)
Benzo[k]fluoranthene	50	58.10	116		(80-120)
Indeno[1,2,3-cd]pyrene	50	52.80	106		(80-120)
Dibenz[a,h]anthracene	50	56.68	113		(80-120)
Benzo[g,h,i]perylene	50	49.99	100		(80-120)

Surrogates

2-Fluorophenol (SU)	50	49.15	98		(80-120)
Phenol-d6 (SU)	50	52.90	106		(80-120)
Nitrobenzene-d5 (SU)	50	47.81	96		(80-120)
2-Fluorobiphenyl (SU)	50	48.79	98		(80-120)
2,4,6-Tribromophenol (SU)	50	49.44	99		(80-120)
Terphenyl-d14 (SU)	50	58.07	116		(70-130)

*Denotes values out of expected range.

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

2nd Level Review:	DF	Analyst:	SM
Date:	11/23/07	Analysis Date:	11-21-07
QC Batches:	A11	GCMS #:	65

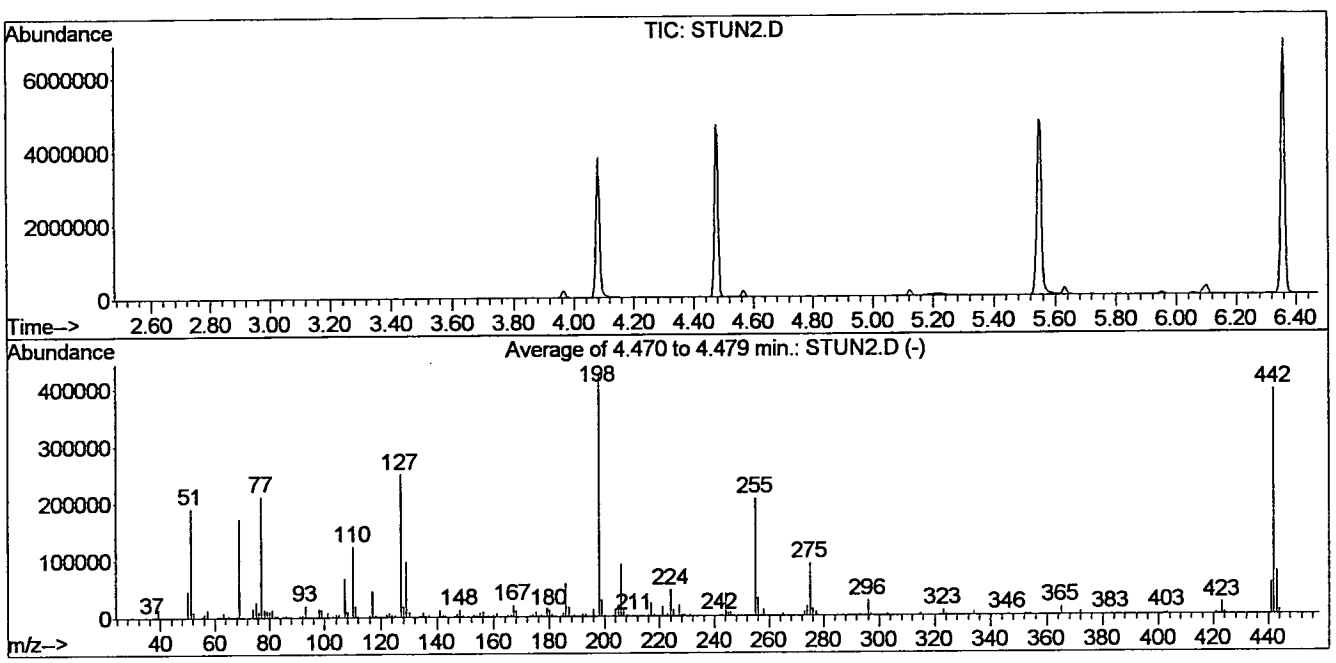
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD 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: _____

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : STUN2.D
Acq On : 21 Nov 2007 12:17 pm
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Title :
Last Update : Tue Nov 20 16:11:51 2007



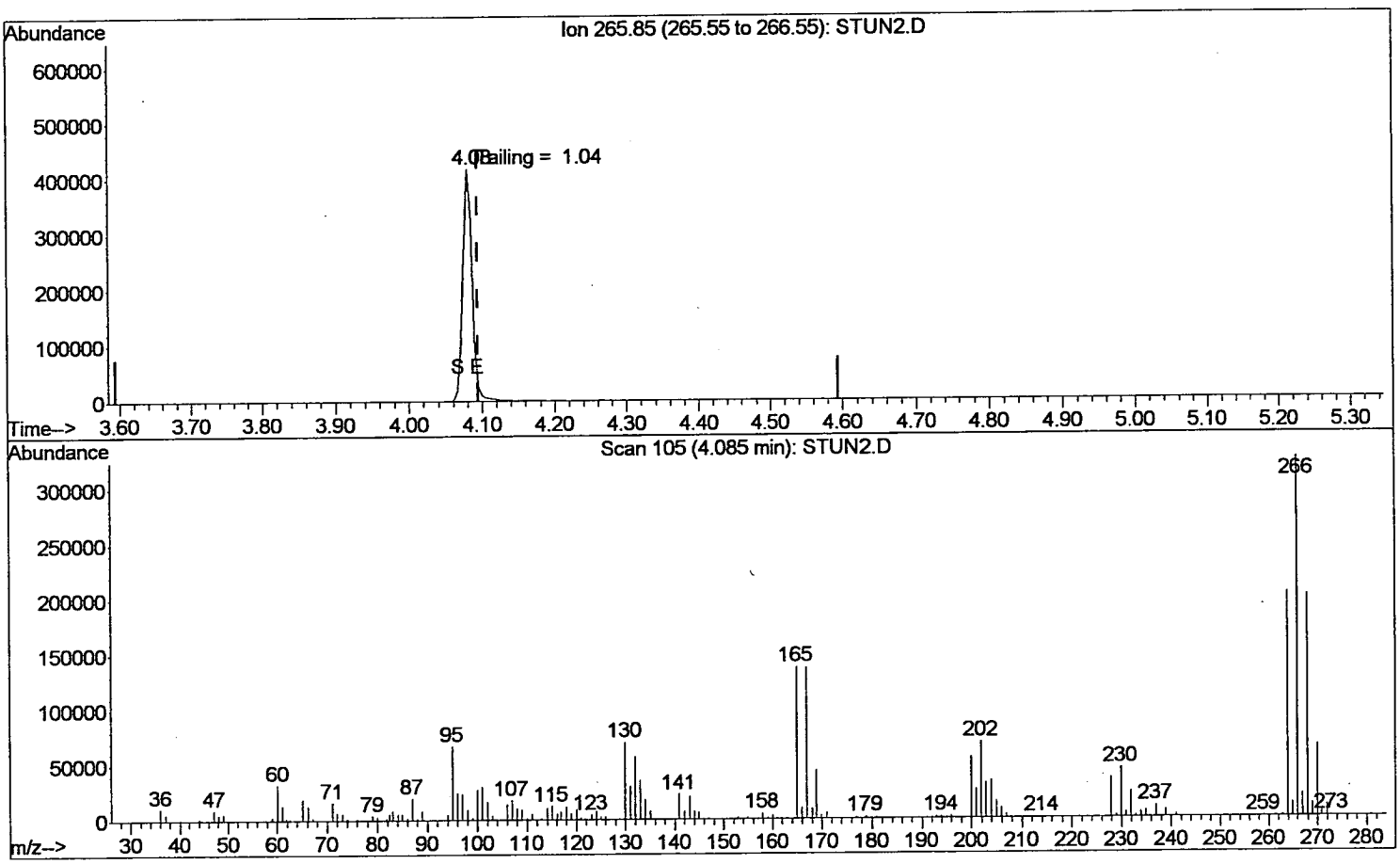
Spectrum Information: Average of 4.470 to 4.479 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.0	191092	PASS
68	69	0.00	2	1.1	1974	PASS
69	198	0.00	100	40.8	173038	PASS
70	69	0.00	2	0.4	741	PASS
127	198	40	60	59.0	250282	PASS
197	198	0.00	1	0.1	355	PASS
198	198	100	100	100.0	424224	PASS
199	198	5	9	6.9	29184	PASS
275	198	10	30	21.6	91576	PASS
365	198	1	100	3.3	13938	PASS
441	443	0.01	100	72.2	55333	PASS
442	198	40	100	92.5	392554	PASS
443	442	17	23	19.5	76640	PASS

Quantitation Report (Qedit)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : STUN2.D
Acq On : 21 Nov 2007 12:17 pm
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 21 12:34:16 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Tue Nov 20 16:11:51 2007
Response via : Initial Calibration



TIC: STUN2.D

(1) Pentachlorophenol

4.083min (-0.012) 53.99ug/ml

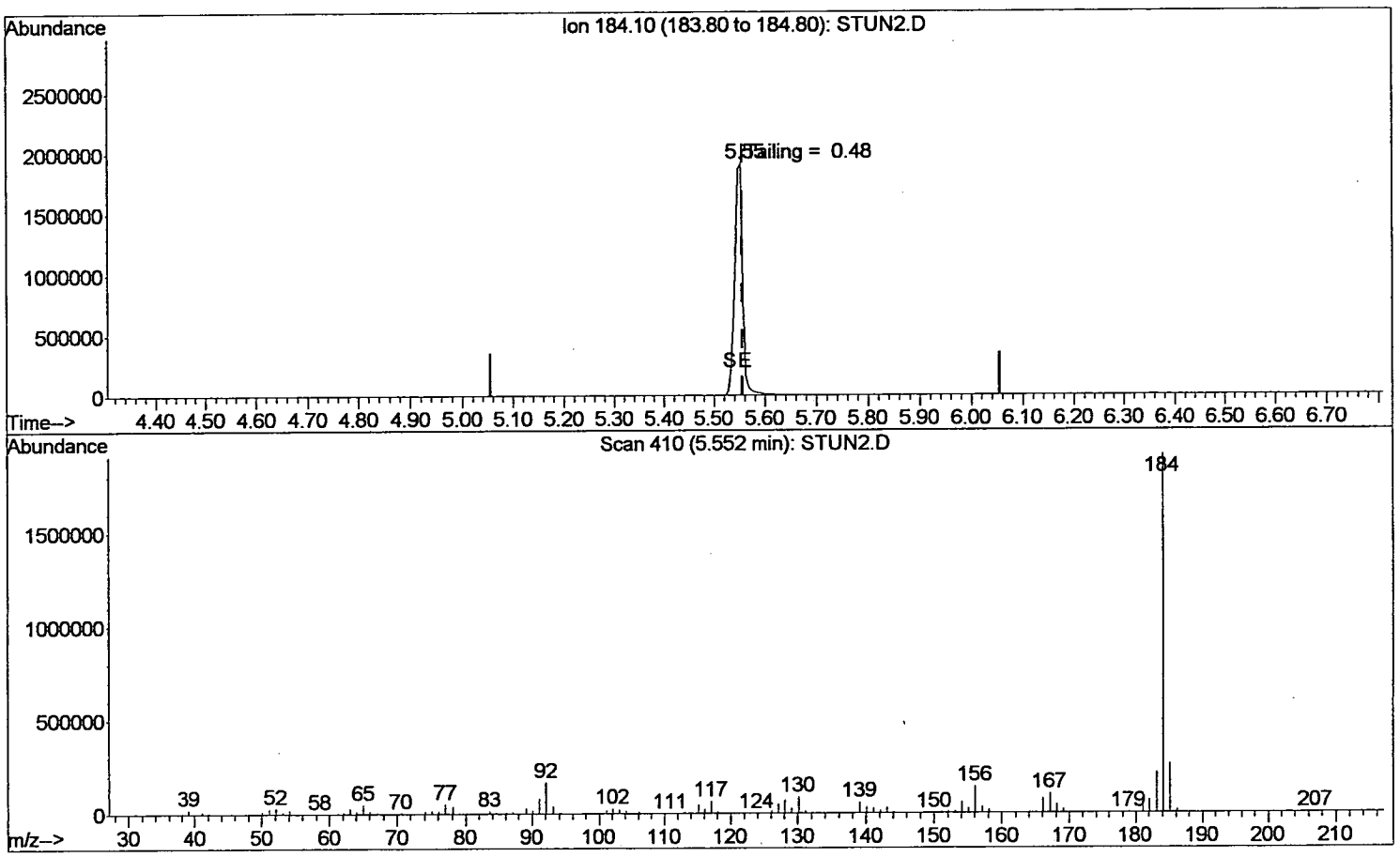
response 3704903

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 (Qedit)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : STUN2.D
Acq On : 21 Nov 2007 12:17 pm
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 21 12:34:16 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Tue Nov 20 16:11:51 2007
Response via : Initial Calibration



TIC: STUN2.D

(3) BENZIDINE

5.552min (-0.004) 54.53ug/ml

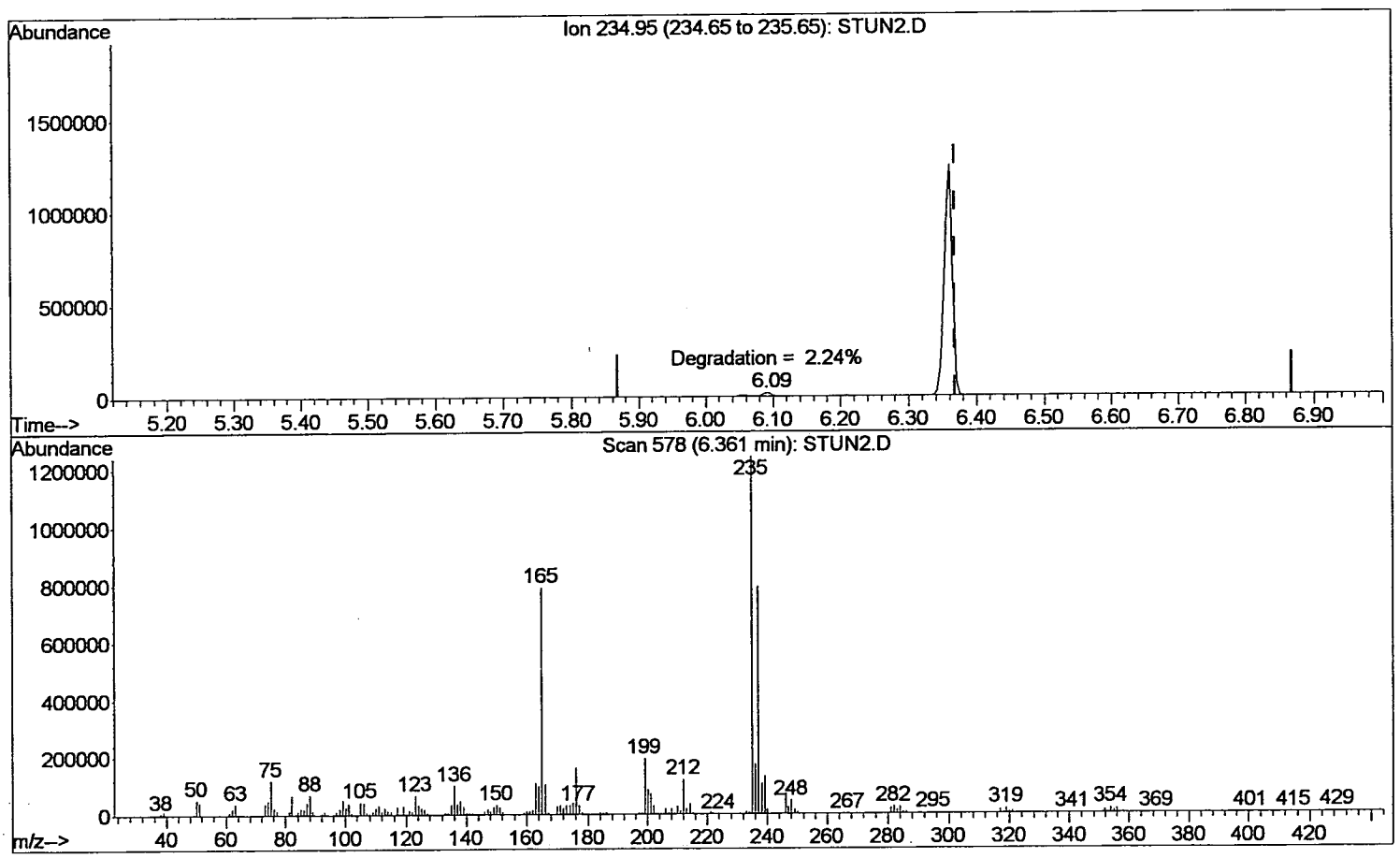
response 20004141

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 (Qedit)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : STUN2.D
Acq On : 21 Nov 2007 12:17 pm
Operator : AI/DF
Sample : DFTPP STD# 7100452
Misc : 50ng DFTPP Tune Check
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 21 12:34:16 2007
Quant Method : D:\MSDCHEM\1\METHODS\DFTPP.M
Quant Title :
QLast Update : Tue Nov 20 16:11:51 2007
Response via : Initial Calibration



TIC: STUN2.D

(4) DDT

6.361min (-0.007) 51.61ug/ml

response 10143777

Ion	Exp%	Act%
234.95	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.14	152	503093	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.37	136	2359023	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.07	162	1316079	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	1852078	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.45	240	1521115	40.00	ppm	0.03
82) Perylene-d12 (IS)	12.64	264	1185345	40.00	ppm	0.07
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	757862	49.15	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 49.15%			
7) Phenol-d6 (SU)	3.78	99	1001053	52.90	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 52.90%			
21) Nitrobenzene-d5 (SU)	4.67	82	921014	47.81	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 95.62%			
40) 2-Fluorobiphenyl (SU)	6.43	172	2198314	48.79	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.58%			
62) 2,4,6-Tribromophenol (SU)	7.75	330	318755	49.44	ppm	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 49.44%			
74) Terphenyl-d14 (SU)	9.54	244	2209081	58.07	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 116.14%			
Target Compounds						Qvalue
3) Pyridine	1.95	79	766329	47.85	ppm	100
4) n-Nitrosodimethylamine	1.90	74	477282	48.10	ppm	95
5) bis(2-Chloroethyl)ether	3.89	93	878248	51.51	ppm	99
6) Aniline	3.85	93	1312375	52.22	ppm	99
8) Phenol	3.79	94	1055492	51.62	ppm	96
9) 2-Chlorophenol	3.95	128	927258	52.07	ppm	97
10) n-Decane	3.98	57	1003792	48.41	ppm	97
11) 1,3-Dichlorobenzene	4.09	146	1016054	49.63	ppm	99
12) 1,4-Dichlorobenzene	4.16	146	1044070	50.22	ppm	99
13) 1,2-Dichlorobenzene	4.30	146	998806	50.34	ppm	98
14) Benzyl alcohol	4.26	108	622142	60.11	ppm	95
15) bis(2-chloroisopropyl)ethe	4.39	45	1263007	52.16	ppm #	100
16) 2-Methylphenol	4.36	107	764588	53.24	ppm	98
17) Hexachloroethane	4.62	117	364610	49.66	ppm	99
18) N-Nitroso-di-n-propylamine	4.53	70	666291	54.43	ppm	95
19) 4-Methylphenol	4.51	107	1136459	55.35	ppm	100
22) Nitrobenzene	4.69	77	942757	48.43	ppm	96
23) Isophorone	4.92	82	1740110	49.93	ppm	99
24) 2-Nitrophenol	4.99	139	573924	53.26	ppm	95
25) 2,4-Dimethylphenol	5.02	122	923227	49.05	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.13	93	1179425	50.00	ppm	97
27) 2,4-Dichlorophenol	5.22	162	828558	50.55	ppm	100
28) 1,2,4-Trichlorobenzene	5.30	180	777036	48.30	ppm	100
29) Benzoic Acid	5.16	122	641533	53.35	ppm	97
30) Naphthalene	5.39	128	3032237	48.26	ppm	99
31) 4-Chloroaniline	5.44	127	1314848	52.34	ppm	97
32) Hexachlorobutadiene	5.50	225	341314	46.11	ppm	99
33) 4-Chloro-3-methylphenol	5.91	107	913678	52.55	ppm	97
34) 2-Methylnaphthalene	6.07	141	1860485	52.42	ppm	99
35) 2,3-Dichloroaniline	6.35	161	1060447	52.27	ppm	98
37) Hexachlorocyclopentadiene	6.22	237	332007	46.42	ppm	99
38) 2,4,6-Trichlorophenol	6.35	196	531042	49.15	ppm	99
39) 2,4,5-Trichlorophenol	6.38	196	574636	51.01	ppm	100
41) 2-Chloronaphthalene	6.55	162	1993129	49.91	ppm	99
42) 2-Nitroaniline	6.66	65	602245	50.98	ppm	96
43) 1,3-Dinitrobenzene	6.86	168	346887	53.49	ppm	95
44) Acenaphthylene	6.94	152	2973177	49.23	ppm	100
45) Dimethylphthalate	6.83	163	2354007	52.40	ppm	99
46) 2,6-Dinitrotoluene	6.89	165	559592	52.85	ppm	90
47) Acenaphthene	7.10	154	1977658	49.25	ppm	100
48) 3-Nitroaniline	7.04	138	649468	52.43	ppm	98
49) 2,4-Dinitrophenol	7.13	184	310952	54.17	ppm	94
50) Dibenzofuran	7.26	168	2852006	51.91	ppm	99
51) 2,4-Dinitrotoluene	7.25	165	707564	51.47	ppm	91
52) 4-Nitrophenol	7.19	109	277378	52.57	ppm	90
53) Fluorene	7.55	166	2371001	51.08	ppm	99
54) 4-Chlorophenyl-phenylether	7.55	204	906525	48.58	ppm	98
55) Diethylphthalate	7.46	149	2200582	48.71	ppm	99
56) Azobenzene	7.68	77	2302780	49.51	ppm	97
57) 4-Nitroaniline	7.59	138	664861	56.35	ppm	94
58) n-Octadecane	8.21	57	1551045	47.09	ppm	96
60) 4,6-Dinitro-2-methylphenol	7.60	105	197453	53.81	ppm	94
61) n-Nitrosodiphenylamine	7.65	169	1661905	51.85	ppm	99
63) 4-Bromophenyl-phenylether	7.95	248	523404	51.24	ppm	97
64) Hexachlorobenzene	8.00	284	604682	50.76	ppm	98
65) Pentachlorophenol	8.16	266	383200	56.75	ppm	98
66) Phenanthrene	8.34	178	2935020	50.05	ppm	99
67) Anthracene	8.38	178	2953900	50.00	ppm	100
68) Carbazole	8.50	167	3239895	57.81	ppm	100
69) Di-n-butylphthalate	8.75	149	4178971	62.85	ppm	99
70) Fluoranthene	9.25	202	3170190	58.64	ppm	96
72) Pyrene	9.43	202	3273695	55.84	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

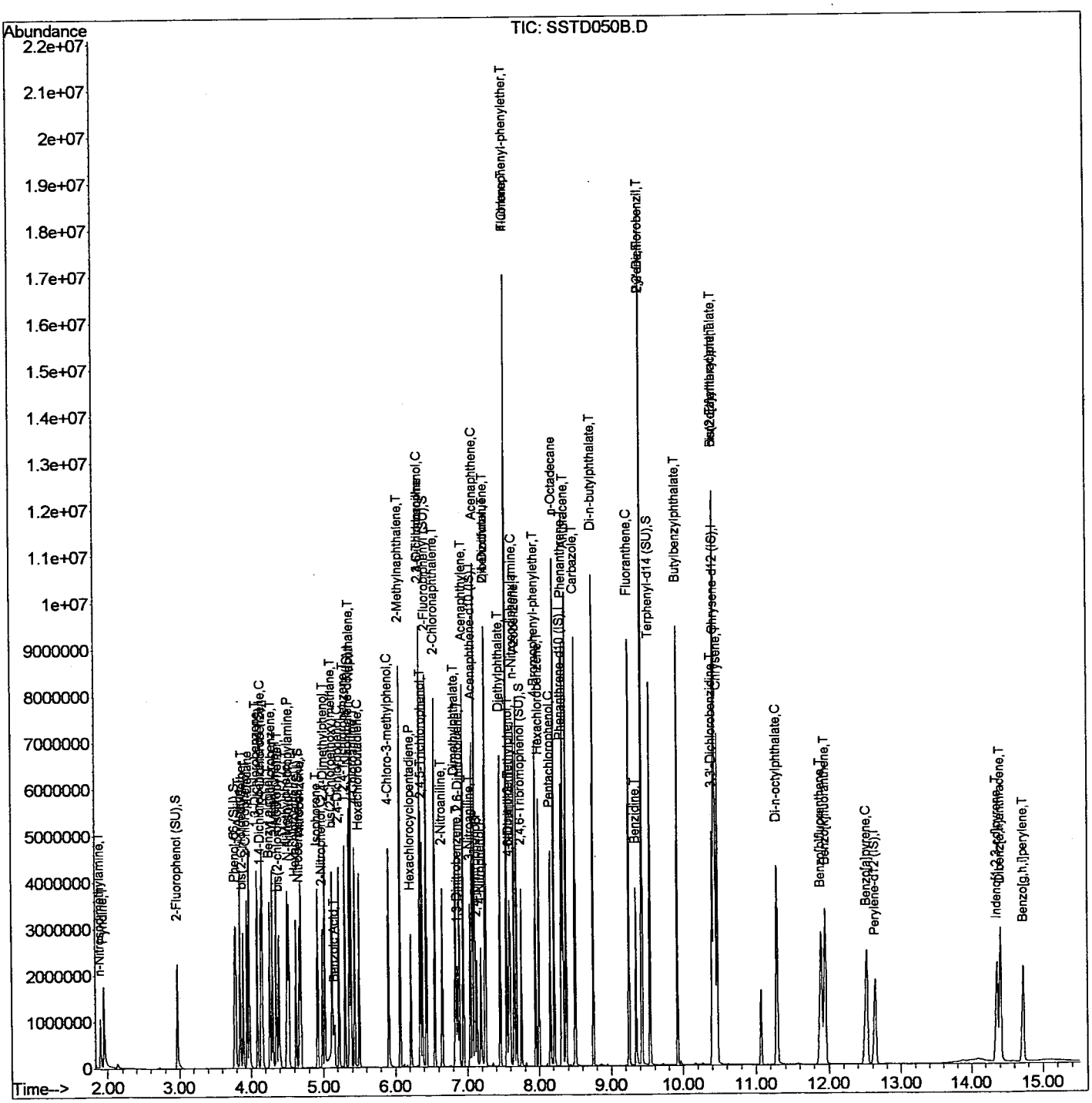
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.43	139	3070055	60.00	ppm	96
75) Benzidine	9.34	184	1147841	56.05	ppm	97
76) Butylbenzylphthalate	9.93	149	1789944	54.05	ppm	99
77) 3,3'-Dichlorobenzidine	10.40	252	974378	53.08	ppm	100
78) Benzo[a]anthracene	10.43	228	2239089	50.50	ppm	99
79) Chrysene	10.48	228	2220733	51.08	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.43	149	2465225	52.15	ppm	99
81) Di-n-octylphthalate	11.29	149	3571962	55.05	ppm	99
83) Benzo[b]fluoranthene	11.89	252	2407062	60.95	ppm	99
84) Benzo[k]fluoranthene	11.96	252	2307255	58.10	ppm	98
85) Benzo[a]pyrene	12.52	252	2072492	57.73	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.37	276	1545690	52.80	ppm	97
87) Dibenz[a,h]anthracene	14.42	278	1802710	56.68	ppm	99
88) Benzo[g,h,i]perylene	14.73	276	1436421	49.99	ppm	98

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.14	152	503093	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.37	136	2359023	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	7.07	162	1316079	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	8.31	188	1852078	40.00	ppm	0.02
71) Chrysene-d12 (IS)	10.45	240	1521115	40.00	ppm	0.03
82) Perylene-d12 (IS)	12.64	264	1185345	40.00	ppm	0.07
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	757862	49.15	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 49.15%			
7) Phenol-d6 (SU)	3.78	99	1001053	52.90	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 52.90%			
21) Nitrobenzene-d5 (SU)	4.67	82	921014	47.81	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 95.62%			
40) 2-Fluorobiphenyl (SU)	6.43	172	2198314	48.79	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.58%			
62) 2,4,6-Tribromophenol (SU)	7.75	330	318755	49.44	ppm	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 49.44%			
74) Terphenyl-d14 (SU)	9.54	244	2209081	58.07	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 116.14%			
Target Compounds						Qvalue
3) Pyridine	1.95	79	766329	47.85	ppm	100
4) n-Nitrosodimethylamine	1.90	74	477282	48.10	ppm	95
5) bis(2-Chloroethyl)ether	3.89	93	878248	51.51	ppm	99
6) Aniline	3.85	93	1312375	52.22	ppm	99
8) Phenol	3.79	94	1055492	51.62	ppm	96
9) 2-Chlorophenol	3.95	128	927258	52.07	ppm	97
10) n-Decane	3.98	57	1003792	48.41	ppm	97
11) 1,3-Dichlorobenzene	4.09	146	1016054	49.63	ppm	99
12) 1,4-Dichlorobenzene	4.16	146	1044070	50.22	ppm	99
13) 1,2-Dichlorobenzene	4.30	146	998806	50.34	ppm	98
14) Benzyl alcohol	4.26	108	622142	60.11	ppm	95
15) bis(2-chloroisopropyl)ethe	4.39	45	1263007	52.16	ppm #	100
16) 2-Methylphenol	4.36	107	764588	53.24	ppm	98
17) Hexachloroethane	4.62	117	364610	49.66	ppm	99
18) N-Nitroso-di-n-propylamine	4.53	70	666291	54.43	ppm	95
19) 4-Methylphenol	4.51	107	1136459	55.35	ppm	100
22) Nitrobenzene	4.69	77	942757	48.43	ppm	96
23) Isophorone	4.92	82	1740110	49.93	ppm	99
24) 2-Nitrophenol	4.99	139	573924	53.26	ppm	95
25) 2,4-Dimethylphenol	5.02	122	923227	49.05	ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.13	93	1179425	50.00	ppm	97
27) 2,4-Dichlorophenol	5.22	162	828558	50.55	ppm	100
28) 1,2,4-Trichlorobenzene	5.30	180	777036	48.30	ppm	100
29) Benzoic Acid	5.16	122	641533	53.35	ppm	97
30) Naphthalene	5.39	128	3032237	48.26	ppm	99
31) 4-Chloroaniline	5.44	127	1314848	52.34	ppm	97
32) Hexachlorobutadiene	5.50	225	341314	46.11	ppm	99
33) 4-Chloro-3-methylphenol	5.91	107	913678	52.55	ppm	97
34) 2-Methylnaphthalene	6.07	141	1860485	52.42	ppm	99
35) 2,3-Dichloroaniline	6.35	161	1060447	52.27	ppm	98
37) Hexachlorocyclopentadiene	6.22	237	332007	46.42	ppm	99
38) 2,4,6-Trichlorophenol	6.35	196	531042	49.15	ppm	99
39) 2,4,5-Trichlorophenol	6.38	196	574636	51.01	ppm	100
41) 2-Chloronaphthalene	6.55	162	1993129	49.91	ppm	99
42) 2-Nitroaniline	6.66	65	602245	50.98	ppm	96
43) 1,3-Dinitrobenzene	6.86	168	346887	53.49	ppm	95
44) Acenaphthylene	6.94	152	2973177	49.23	ppm	100
45) Dimethylphthalate	6.83	163	2354007	52.40	ppm	99
46) 2,6-Dinitrotoluene	6.89	165	559592	52.85	ppm	90
47) Acenaphthene	7.10	154	1977658	49.25	ppm	100
48) 3-Nitroaniline	7.04	138	649468	52.43	ppm	98
49) 2,4-Dinitrophenol	7.13	184	310952	54.17	ppm	94
50) Dibenzofuran	7.26	168	2852006	51.91	ppm	99
51) 2,4-Dinitrotoluene	7.25	165	707564	51.47	ppm	91
52) 4-Nitrophenol	7.19	109	277378	52.57	ppm	90
53) Fluorene	7.55	166	2371001	51.08	ppm	99
54) 4-Chlorophenyl-phenylether	7.55	204	906525	48.58	ppm	98
55) Diethylphthalate	7.46	149	2200582	48.71	ppm	99
56) Azobenzene	7.68	77	2302780	49.51	ppm	97
57) 4-Nitroaniline	7.59	138	664861	56.35	ppm	94
58) n-Octadecane	8.21	57	1551045	47.09	ppm	96
60) 4,6-Dinitro-2-methylphenol	7.60	105	197453	53.81	ppm	94
61) n-Nitrosodiphenylamine	7.65	169	1661905	51.85	ppm	99
63) 4-Bromophenyl-phenylether	7.95	248	523404	51.24	ppm	97
64) Hexachlorobenzene	8.00	284	604682	50.76	ppm	98
65) Pentachlorophenol	8.16	266	383200	56.75	ppm	98
66) Phenanthrene	8.34	178	2935020	50.05	ppm	99
67) Anthracene	8.38	178	2953900	50.00	ppm	100
68) Carbazole	8.50	167	3239895	57.81	ppm	100
69) Di-n-butylphthalate	8.75	149	4178971	62.85	ppm	99
70) Fluoranthene	9.25	202	3170190	58.64	ppm	96
72) Pyrene	9.43	202	3273695	55.84	ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

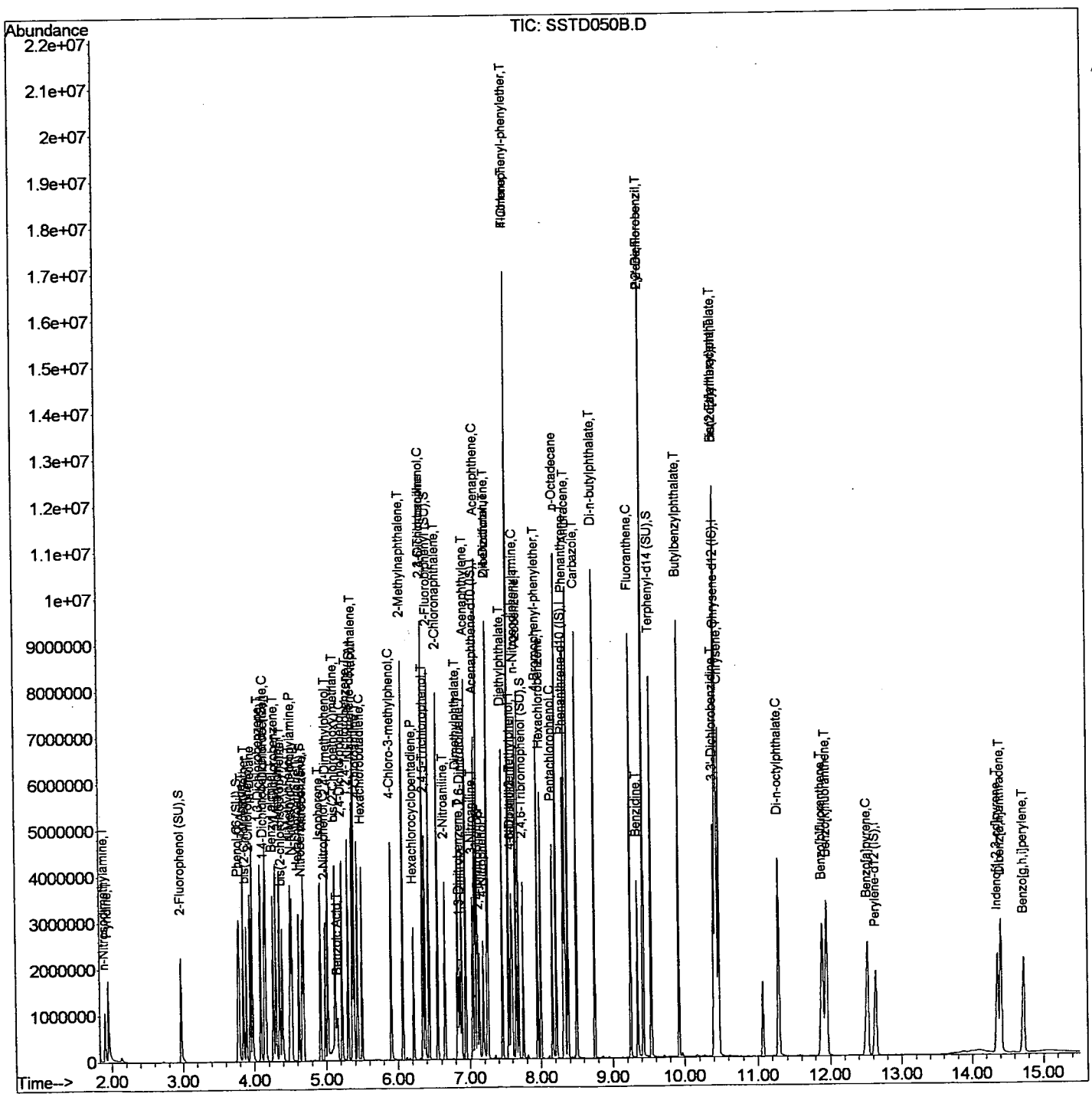
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.43	139	3070055	60.00	ppm	96
75) Benzidine	9.34	184	1147841	56.05	ppm	97
76) Butylbenzylphthalate	9.93	149	1789944	54.05	ppm	99
77) 3,3'-Dichlorobenzidine	10.40	252	974378	53.08	ppm	100
78) Benzo[a]anthracene	10.43	228	2239089	50.50	ppm	99
79) Chrysene	10.48	228	2220733	51.08	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.43	149	2465225	52.15	ppm	99
81) Di-n-octylphthalate	11.29	149	3571962	55.05	ppm	99
83) Benzo[b]fluoranthene	11.89	252	2407062	60.95	ppm	99
84) Benzo[k]fluoranthene	11.96	252	2307255	58.10	ppm	98
85) Benzo[a]pyrene	12.52	252	2072492	57.73	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.37	276	1545690	52.80	ppm	97
87) Dibenz[a,h]anthracene	14.42	278	1802710	56.68	ppm	99
88) Benzo[g,h,i]perylene	14.73	276	1436421	49.99	ppm	98

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	74	0.00
2	S	2-Fluorophenol (SU)	1.226	1.205	1.7	73	-0.01
3	T	Pyridine	1.273	1.219	4.2	68	-0.02
4	T	n-Nitrosodimethylamine	0.789	0.759	3.8	70	-0.02
5	T	bis(2-Chloroethyl)ether	1.356	1.397	-3.0	78	0.00
6	T	Aniline	1.998	2.087	-4.5	78	0.00
7	S	Phenol-d6 (SU)	1.504	1.592	-5.9	77	0.00
8	C	Phenol	1.626	1.678	-3.2	78	0.00
9	T	2-Chlorophenol	1.416	1.474	-4.1	80	0.00
10		n-Decane	1.648	1.596	3.2	72	0.00
11	T	1,3-Dichlorobenzene	1.628	1.616	0.7	74	0.00
12	C	1,4-Dichlorobenzene	1.653	1.660	-0.4	74	0.00
13	T	1,2-Dichlorobenzene	1.578	1.588	-0.6	76	0.00
14	T	Benzyl alcohol	0.823	0.989	-20.2#	88	0.01
15	T	bis(2-chloroisopropyl)ether	1.925	2.008	-4.3	79	0.01
16	T	2-Methylphenol	1.142	1.216	-6.5	81	0.02
17	T	Hexachloroethane	0.584	0.580	0.7	75	0.01
18	P	N-Nitroso-di-n-propylamine	0.973	1.060	-8.9	84	0.03
19	T	4-Methylphenol	1.633	1.807	-10.7	84	0.02
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	87	0.02
21	S	Nitrobenzene-d5 (SU)	0.327	0.312	4.6	83	0.02
22	T	Nitrobenzene	0.330	0.320	3.0	84	0.02
23	T	Isophorone	0.591	0.590	0.2	88	0.03
24	C	2-Nitrophenol	0.183	0.195	-6.6	92	0.02
25	T	2,4-Dimethylphenol	0.319	0.313	1.9	88	0.02
26	T	bis(2-Chloroethoxy)methane	0.400	0.400	0.0	88	0.02
27	C	2,4-Dichlorophenol	0.278	0.281	-1.1	88	0.02
28	T	1,2,4-Trichlorobenzene	0.273	0.264	3.3	84	0.02
29	T	Benzoic Acid	0.171	0.218	-27.5#	105	0.08
30	T	Naphthalene	1.065	1.028	3.5	84	0.02
31	T	4-Chloroaniline	0.426	0.446	-4.7	90	0.02
32	C	Hexachlorobutadiene	0.126	0.116	7.9	81	0.02
33	C	4-Chloro-3-methylphenol	0.295	0.310	-5.1	92	0.02
34	T	2-Methylnaphthalene	0.602	0.631	-4.8	90	0.02
35		2,3-Dichloroaniline	0.344	0.360	-4.7	94	0.03
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	94	0.02

Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
37	P	Hexachlorocyclopentadiene	0.217	0.202	6.9	91	0.02
38	C	2,4,6-Trichlorophenol	0.328	0.323	1.5	96	0.03
39	T	2,4,5-Trichlorophenol	0.342	0.349	-2.0	95	0.02
40	S	2-Fluorobiphenyl (SU)	1.369	1.336	2.4	92	0.02
41	T	2-Chloronaphthalene	1.214	1.212	0.2	94	0.03
42	T	2-Nitroaniline	0.359	0.366	-1.9	96	0.03
43	T	1,3-Dinitrobenzene	0.197	0.211	-7.1	100	0.03
44	T	Acenaphthylene	1.836	1.807	1.6	92	0.03
45	T	Dimethylphthalate	1.365	1.431	-4.8	98	0.03
46	T	2,6-Dinitrotoluene	0.322	0.340	-5.6	103	0.03
47	C	Acenaphthene	1.220	1.202	1.5	91	0.03
48	T	3-Nitroaniline	0.376	0.395	-5.1	91	0.03
49	P	2,4-Dinitrophenol	0.157	0.189	-20.4#	109	0.03
50	T	Dibenzofuran	1.670	1.734	-3.8	93	0.03
51	T	2,4-Dinitrotoluene	0.418	0.430	-2.9	93	0.03
52	P	4-Nitrophenol	0.160	0.169	-5.6	88	0.03
53	T	Fluorene	1.411	1.441	-2.1	94	0.02
54	T	4-Chlorophenyl-phenylether	0.567	0.551	2.8	94	0.02
55	T	Diethylphthalate	1.373	1.338	2.5	87	0.03
56	T	Azobenzene	1.414	1.400	1.0	91	0.03
57	T	4-Nitroaniline	0.359	0.404	-12.5	117	0.04
58		n-Octadecane	1.001	0.943	5.8	85	0.02
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	86	0.02
60	T	4,6-Dinitro-2-methylphenol	0.071	0.085	-19.7	106	0.03
61	C	n-Nitrosodiphenylamine	0.692	0.718	-3.8	93	0.03
62	S	2,4,6-Tribromophenol (SU)	0.124	0.138	-11.3	101	0.02
63	T	4-Bromophenyl-phenylether	0.221	0.226	-2.3	96	0.02
64	T	Hexachlorobenzene	0.257	0.261	-1.6	95	0.03
65	C	Pentachlorophenol	0.146	0.166	-13.7	96	0.03
66	T	Phenanthrene	1.266	1.268	-0.2	84	0.03
67	T	Anthracene	1.276	1.276	0.0	85	0.03
68	T	Carbazole	1.210	1.399	-15.6	104	0.03
69	T	Di-n-butylphthalate	1.436	1.805	-25.7#	114	0.02
70	C	Fluoranthene	1.168	1.369	-17.2	111	0.03
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	91	0.03
72	T	Pyrene	1.542	1.722	-11.7	107	0.04

Evaluate Continuing Calibration Report

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : SSTD050B.D
Acq On : 21 Nov 2007 1:02 pm
Operator : AI/DF
Sample : 50ppm STD# 7110295
Misc : 8270/625 Midpoint
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 13:18:12 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	T	2,2'-Dichlorobenzil	1.345	1.615	-20.1#	109	0.03
74	S	Terphenyl-d14 (SU)	1.000	1.162	-16.2	105	0.03
75	T	Benzidine	0.539	0.604	-12.1	105	0.03
76	T	Butylbenzylphthalate	0.871	0.941	-8.0	94	0.02
77	T	3,3'-Dichlorobenzidine	0.483	0.512	-6.0	100	0.03
78	T	Benzo[a]anthracene	1.166	1.178	-1.0	91	0.03
79	T	Chrysene	1.143	1.168	-2.2	94	0.03
80	T	bis(2-Ethylhexyl)phthalate	1.243	1.297	-4.3	94	0.02
81	C	Di-n-octylphthalate	1.706	1.879	-10.1#	106	0.03
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	98	0.07
83	T	Benzo[b]fluoranthene	1.333	1.625	-21.9#	102	0.05
84	T	Benzo[k]fluoranthene	1.340	1.557	-16.2	96	0.06
85	C	Benzo[a]pyrene	1.211	1.399	-15.5	97	0.06
86	T	Indeno[1,2,3-cd]pyrene	0.988	1.043	-5.6	89	0.05
87	T	Dibenz[a,h]anthracene	1.073	1.217	-13.4	97	0.05
88	T	Benzo[g,h,i]perylene	0.970	0.969	0.1	82	0.06

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121009.D
Acq On : 21 Nov 2007 4:07 pm
Operator : AI/DF
Sample : 7K19096-BLK1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 09:56:26 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

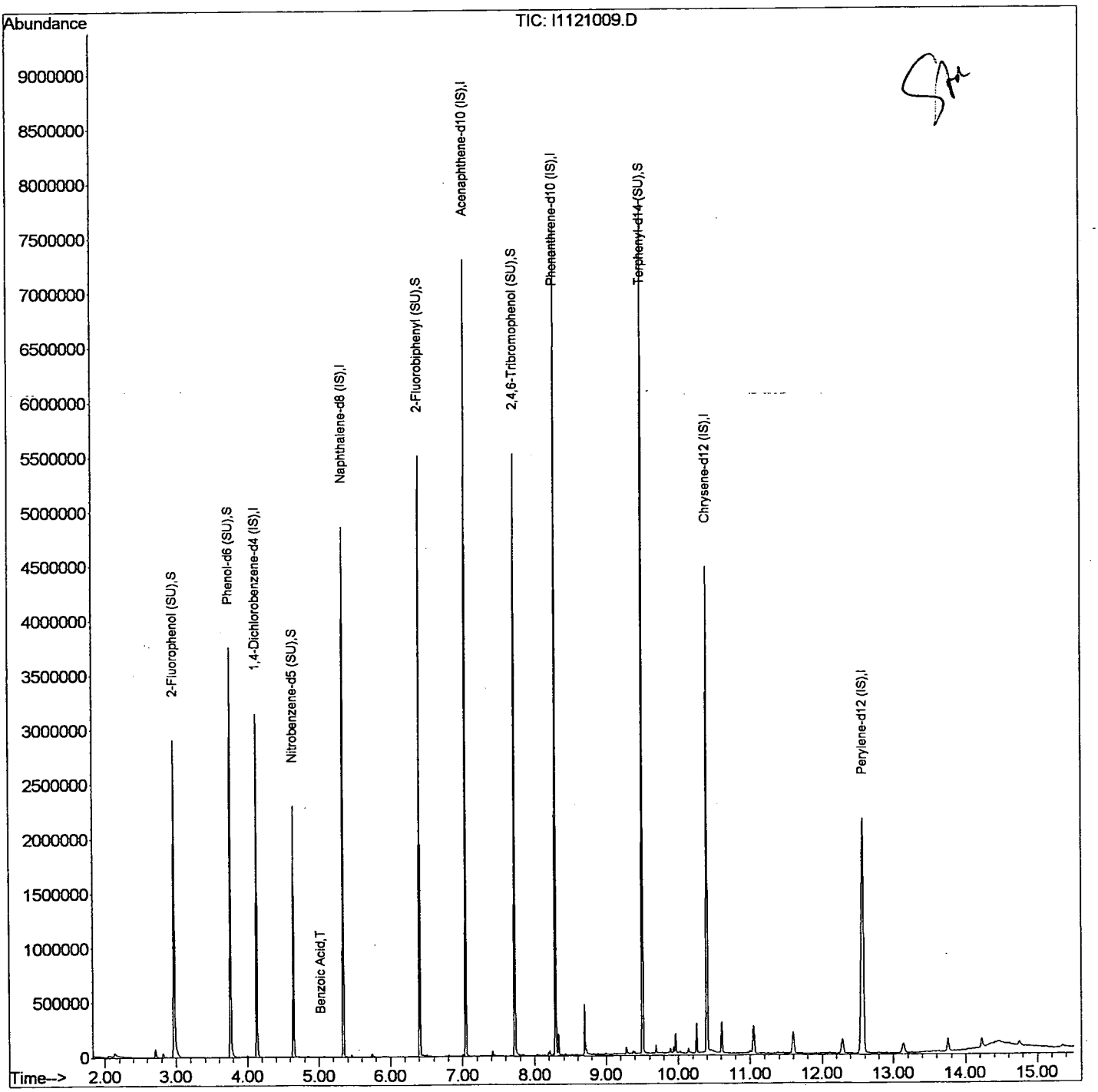
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	443565	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	2024173	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	1154015	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	1955351	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.40	240	1330292	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.58	264	1546819	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	954513	70.21	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 70.21%			
7) Phenol-d6 (SU)	3.76	99	1357484	81.37	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 81.37%			
21) Nitrobenzene-d5 (SU)	4.64	82	569875	34.48	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 68.96%			
40) 2-Fluorobiphenyl (SU)	6.41	172	1462326	37.01	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 74.02%			
62) 2,4,6-Tribromophenol (SU)	7.73	330	532603	75.63	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.63%			
74) Terphenyl-d14 (SU)	9.51	244	1820312	54.71	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 109.42%			
Target Compounds						Qvalue
29) Benzoic Acid	5.02	122	530	~~6.63~~	ppm	# 55

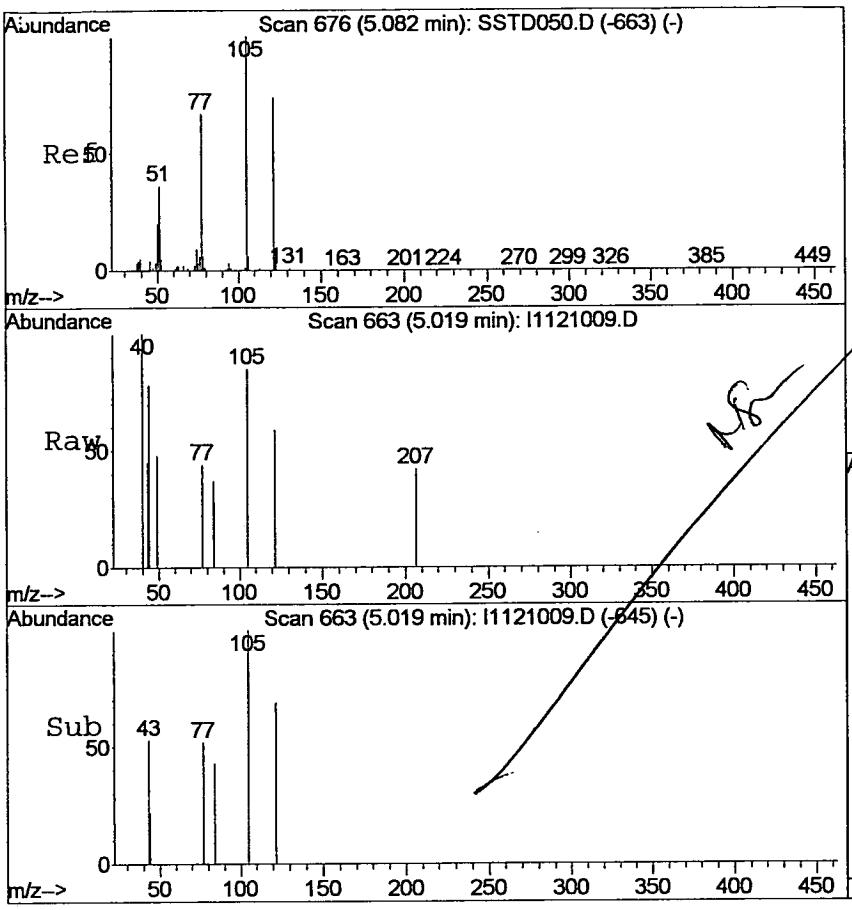
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121009.D
Acq On : 21 Nov 2007 4:07 pm
Operator : AI/DF
Sample : 7K19096-BLK1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 09:56:26 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

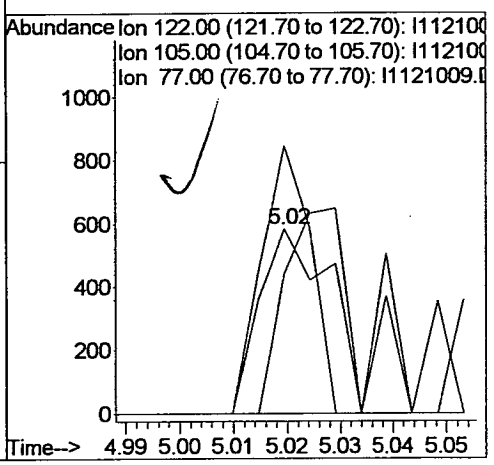




#29
Benzoic Acid
Concen: 6.63 ppm
RT: 5.02 min Scan# 663
Delta R.T. -0.06 min
Lab File: I1121009.D
Acq: 21 Nov 2007 4:07 pm

Tgt Ion:122 Resp: 530

Ion	Ratio	Lower	Upper
122	100		
105	102.3	93.0	133.0
77	0.0	62.5	102.5#



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	376938	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	1700487	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	986997	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.30	188	1595561	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.41	240	1287085	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.59	264	1248857	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	543679	47.06	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 47.06%			
7) Phenol-d6 (SU)	3.76	99	784962	55.37	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 55.37%			
21) Nitrobenzene-d5 (SU)	4.64	82	431153	31.05	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 62.10%			
40) 2-Fluorobiphenyl (SU)	6.41	172	1195218	35.37	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 70.74%			
62) 2,4,6-Tribromophenol (SU)	7.73	330	418890	73.06	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.06%			
74) Terphenyl-d14 (SU)	9.51	244	1761282	54.71	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 109.42%			
Target Compounds						Qvalue
3) Pyridine	1.95	79	335830	27.99	ppm	99
4) n-Nitrosodimethylamine	1.90	74	227149	30.55	ppm	95
5) bis(2-Chloroethyl)ether	3.88	93	443485	34.72	ppm	100
6) Aniline	3.84	93	662321	35.17	ppm	99
8) Phenol	3.78	94	417800	27.27	ppm	99
9) 2-Chlorophenol	3.93	128	393329	29.48	ppm	97
10) n-Decane	3.97	57	332134	21.38	ppm	97
11) 1,3-Dichlorobenzene	4.08	146	382326	24.92	ppm	99
12) 1,4-Dichlorobenzene	4.14	146	400099	25.69	ppm	98
13) 1,2-Dichlorobenzene	4.28	146	389766	26.22	ppm	99
14) Benzyl alcohol	4.24	108	298975	38.56	ppm	99
15) bis(2-chloroisopropyl)ethe	4.37	45	675209	37.22	ppm	97
16) 2-Methylphenol	4.34	107	364543	33.88	ppm	96
17) Hexachloroethane	4.60	117	130301	23.69	ppm	98
18) N-Nitroso-di-n-propylamine	4.50	70	348396	37.99	ppm	96
19) 4-Methylphenol	4.49	107	540812	35.15	ppm	98
22) Nitrobenzene	4.66	77	477652	34.04	ppm	97
23) Isophorone	4.89	82	932326	37.11	ppm	99
24) 2-Nitrophenol	4.97	139	252747	32.54	ppm	95
25) 2,4-Dimethylphenol	5.00	122	457492	33.72	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	609490	35.85 ppm	95
27) 2,4-Dichlorophenol	5.19	162	391973	33.17 ppm	98
28) 1,2,4-Trichlorobenzene	5.28	180	347775	29.99 ppm	98
29) Benzoic Acid	5.10	122	290557	35.97 ppm	94
30) Naphthalene	5.36	128	1498188	33.08 ppm	99
31) 4-Chloroaniline	5.41	127	676500	37.36 ppm	97
32) Hexachlorobutadiene	5.48	225	152077	28.50 ppm	99
33) 4-Chloro-3-methylphenol	5.89	107	514005	41.01 ppm	98
34) 2-Methylnaphthalene	6.04	141	1008896	39.44 ppm	98
35) 2,3-Dichloroaniline	6.32	161	629942	43.07 ppm	97
37) Hexachlorocyclopentadiene	6.19	237	183692	34.24 ppm	97
38) 2,4,6-Trichlorophenol	6.32	196	276106	34.07 ppm	97
39) 2,4,5-Trichlorophenol	6.35	196	326712	38.67 ppm	99
41) 2-Chloronaphthalene	6.53	162	1103993	36.86 ppm	100
42) 2-Nitroaniline	6.63	65	378876	42.76 ppm	95
43) 1,3-Dinitrobenzene	6.83	168	274881	56.52 ppm	90
44) Acenaphthylene	6.92	152	1978383	43.68 ppm	99
45) Dimethylphthalate	6.81	163	1527476	45.34 ppm	99
46) 2,6-Dinitrotoluene	6.86	165	361957	45.59 ppm	91
47) Acenaphthene	7.08	154	1228191	40.79 ppm	99
48) 3-Nitroaniline	7.02	138	452493	48.71 ppm	96
49) 2,4-Dinitrophenol	7.10	184	214600	50.19 ppm	95
50) Dibenzofuran	7.23	168	1855340	45.03 ppm	98
51) 2,4-Dinitrotoluene	7.22	165	518380	50.28 ppm	89
52) 4-Nitrophenol	7.16	109	194160	49.07 ppm	90
53) Fluorene	7.53	166	1597928	45.91 ppm	99
54) 4-Chlorophenyl-phenylether	7.53	204	602955	43.09 ppm	97
55) Diethylphthalate	7.43	149	1589262	46.91 ppm	99
56) Azobenzene	7.66	77	1584975	45.44 ppm	97
57) 4-Nitroaniline	7.56	138	509887	57.63 ppm	95
58) n-Octadecane	8.19	57	1222643	49.50 ppm	97
60) 4,6-Dinitro-2-methylphenol	7.57	105	139544	45.51 ppm	93
61) n-Nitrosodiphenylamine	7.63	169	1132753	41.03 ppm	100
63) 4-Bromophenyl-phenylether	7.93	248	361012	41.02 ppm	98
64) Hexachlorobenzene	7.98	284	442133	43.08 ppm	98
65) Pentachlorophenol	8.14	266	280076	48.15 ppm	97
66) Phenanthrene	8.31	178	2304807	45.62 ppm	99
67) Anthracene	8.35	178	2372222	46.61 ppm	99
68) Carbazole	8.48	167	2588757	53.62 ppm	99
69) Di-n-butylphthalate	8.73	149	3486935	60.87 ppm	100
70) Fluoranthene	9.22	202	2619392	56.24 ppm	97
72) Pyrene	9.40	202	2712423	54.68 ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

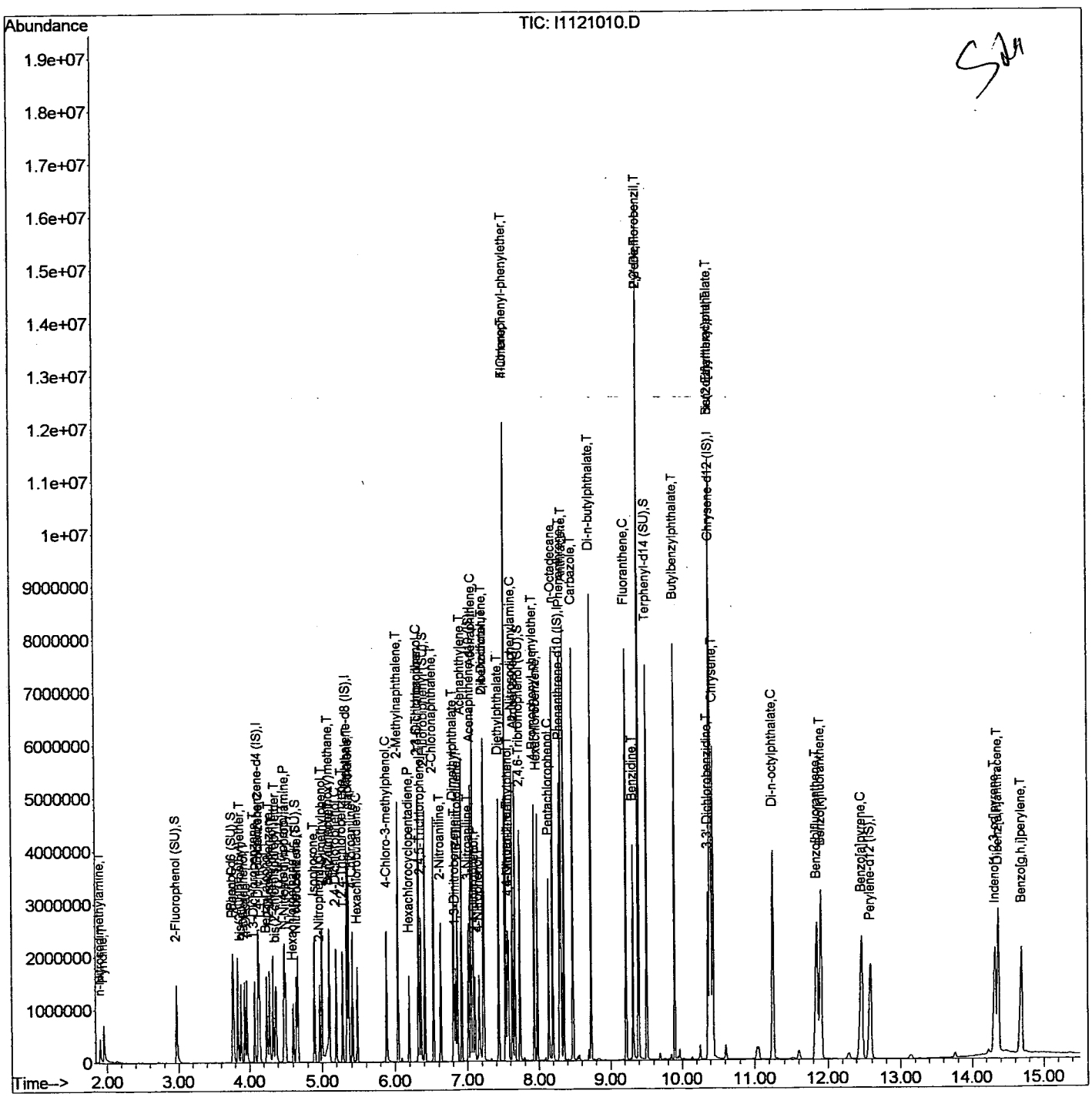
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.40	139	2492664	57.58	ppm	96
75) Benzidine	9.32	184	1194957	68.96	ppm	97
76) Butylbenzylphthalate	9.90	149	1540693	54.98	ppm	98
77) 3,3'-Dichlorobenzidine	10.37	252	583262	37.55	ppm	99
78) Benzo[a]anthracene	10.40	228	1955327	52.12	ppm	99
79) Chrysene	10.44	228	1959835	53.28	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.40	149	2094181	52.35	ppm	100
81) Di-n-octylphthalate	11.25	149	3082612	56.15	ppm	100
83) Benzo[b]fluoranthene	11.85	252	2254743	54.19	ppm	99
84) Benzo[k]fluoranthene	11.91	252	2110117	50.44	ppm	98
85) Benzo[a]pyrene	12.47	252	2001916	52.93	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.32	276	1534884	49.77	ppm	98
87) Dibenz[a,h]anthracene	14.37	278	1674486	49.97	ppm	98
88) Benzo[g,h,i]perylene	14.69	276	1498525	49.50	ppm	99

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	376938	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	1700487	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.04	162	986997	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.30	188	1595561	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.41	240	1287085	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.59	264	1248857	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	543679	47.06	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 47.06%			
7) Phenol-d6 (SU)	3.76	99	784962	55.37	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 55.37%			
21) Nitrobenzene-d5 (SU)	4.64	82	431153	31.05	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 62.10%			
40) 2-Fluorobiphenyl (SU)	6.41	172	1195218	35.37	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 70.74%			
62) 2,4,6-Tribromophenol (SU)	7.73	330	418890	73.06	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.06%			
74) Terphenyl-d14 (SU)	9.51	244	1761282	54.71	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 109.42%			
Target Compounds						Qvalue
3) Pyridine	1.95	79	335830	27.99	ppm	99
4) n-Nitrosodimethylamine	1.90	74	227149	30.55	ppm	95
5) bis(2-Chloroethyl)ether	3.88	93	443485	34.72	ppm	100
6) Aniline	3.84	93	662321	35.17	ppm	99
8) Phenol	3.78	94	417800	27.27	ppm	99
9) 2-Chlorophenol	3.93	128	393329	29.48	ppm	97
10) n-Decane	3.97	57	332134	21.38	ppm	97
11) 1,3-Dichlorobenzene	4.08	146	382326	24.92	ppm	99
12) 1,4-Dichlorobenzene	4.14	146	400099	25.69	ppm	98
13) 1,2-Dichlorobenzene	4.28	146	389766	26.22	ppm	99
14) Benzyl alcohol	4.24	108	298975	38.56	ppm	99
15) bis(2-chloroisopropyl)ethe	4.37	45	675209	37.22	ppm	97
16) 2-Methylphenol	4.34	107	364543	33.88	ppm	96
17) Hexachloroethane	4.60	117	130301	23.69	ppm	98
18) N-Nitroso-di-n-propylamine	4.50	70	348396	37.99	ppm	96
19) 4-Methylphenol	4.49	107	540812	35.15	ppm	98
22) Nitrobenzene	4.66	77	477652	34.04	ppm	97
23) Isophorone	4.89	82	932326	37.11	ppm	99
24) 2-Nitrophenol	4.97	139	252747	32.54	ppm	95
25) 2,4-Dimethylphenol	5.00	122	457492	33.72	ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	609490	35.85	ppm	95
27) 2,4-Dichlorophenol	5.19	162	391973	33.17	ppm	98
28) 1,2,4-Trichlorobenzene	5.28	180	347775	29.99	ppm	98
29) Benzoic Acid	5.10	122	290557	35.97	ppm	94
30) Naphthalene	5.36	128	1498188	33.08	ppm	99
31) 4-Chloroaniline	5.41	127	676500	37.36	ppm	97
32) Hexachlorobutadiene	5.48	225	152077	28.50	ppm	99
33) 4-Chloro-3-methylphenol	5.89	107	514005	41.01	ppm	98
34) 2-Methylnaphthalene	6.04	141	1008896	39.44	ppm	98
35) 2,3-Dichloroaniline	6.32	161	629942	43.07	ppm	97
37) Hexachlorocyclopentadiene	6.19	237	183692	34.24	ppm	97
38) 2,4,6-Trichlorophenol	6.32	196	276106	34.07	ppm	97
39) 2,4,5-Trichlorophenol	6.35	196	326712	38.67	ppm	99
41) 2-Chloronaphthalene	6.53	162	1103993	36.86	ppm	100
42) 2-Nitroaniline	6.63	65	378876	42.76	ppm	95
43) 1,3-Dinitrobenzene	6.83	168	274881	56.52	ppm	90
44) Acenaphthylene	6.92	152	1978383	43.68	ppm	99
45) Dimethylphthalate	6.81	163	1527476	45.34	ppm	99
46) 2,6-Dinitrotoluene	6.86	165	361957	45.59	ppm	91
47) Acenaphthene	7.08	154	1228191	40.79	ppm	99
48) 3-Nitroaniline	7.02	138	452493	48.71	ppm	96
49) 2,4-Dinitrophenol	7.10	184	214600	50.19	ppm	95
50) Dibenzofuran	7.23	168	1855340	45.03	ppm	98
51) 2,4-Dinitrotoluene	7.22	165	518380	50.28	ppm	89
52) 4-Nitrophenol	7.16	109	194160	49.07	ppm	90
53) Fluorene	7.53	166	1597928	45.91	ppm	99
54) 4-Chlorophenyl-phenylether	7.53	204	602955	43.09	ppm	97
55) Diethylphthalate	7.43	149	1589262	46.91	ppm	99
56) Azobenzene	7.66	77	1584975	45.44	ppm	97
57) 4-Nitroaniline	7.56	138	509887	57.63	ppm	95
58) n-Octadecane	8.19	57	1222643	49.50	ppm	97
60) 4,6-Dinitro-2-methylphenol	7.57	105	139544	45.51	ppm	93
61) n-Nitrosodiphenylamine	7.63	169	1132753	41.03	ppm	100
63) 4-Bromophenyl-phenylether	7.93	248	361012	41.02	ppm	98
64) Hexachlorobenzene	7.98	284	442133	43.08	ppm	98
65) Pentachlorophenol	8.14	266	280076	48.15	ppm	97
66) Phenanthrene	8.31	178	2304807	45.62	ppm	99
67) Anthracene	8.35	178	2372222	46.61	ppm	99
68) Carbazole	8.48	167	2588757	53.62	ppm	99
69) Di-n-butylphthalate	8.73	149	3486935	60.87	ppm	100
70) Fluoranthene	9.22	202	2619392	56.24	ppm	97
72) Pyrene	9.40	202	2712423	54.68	ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

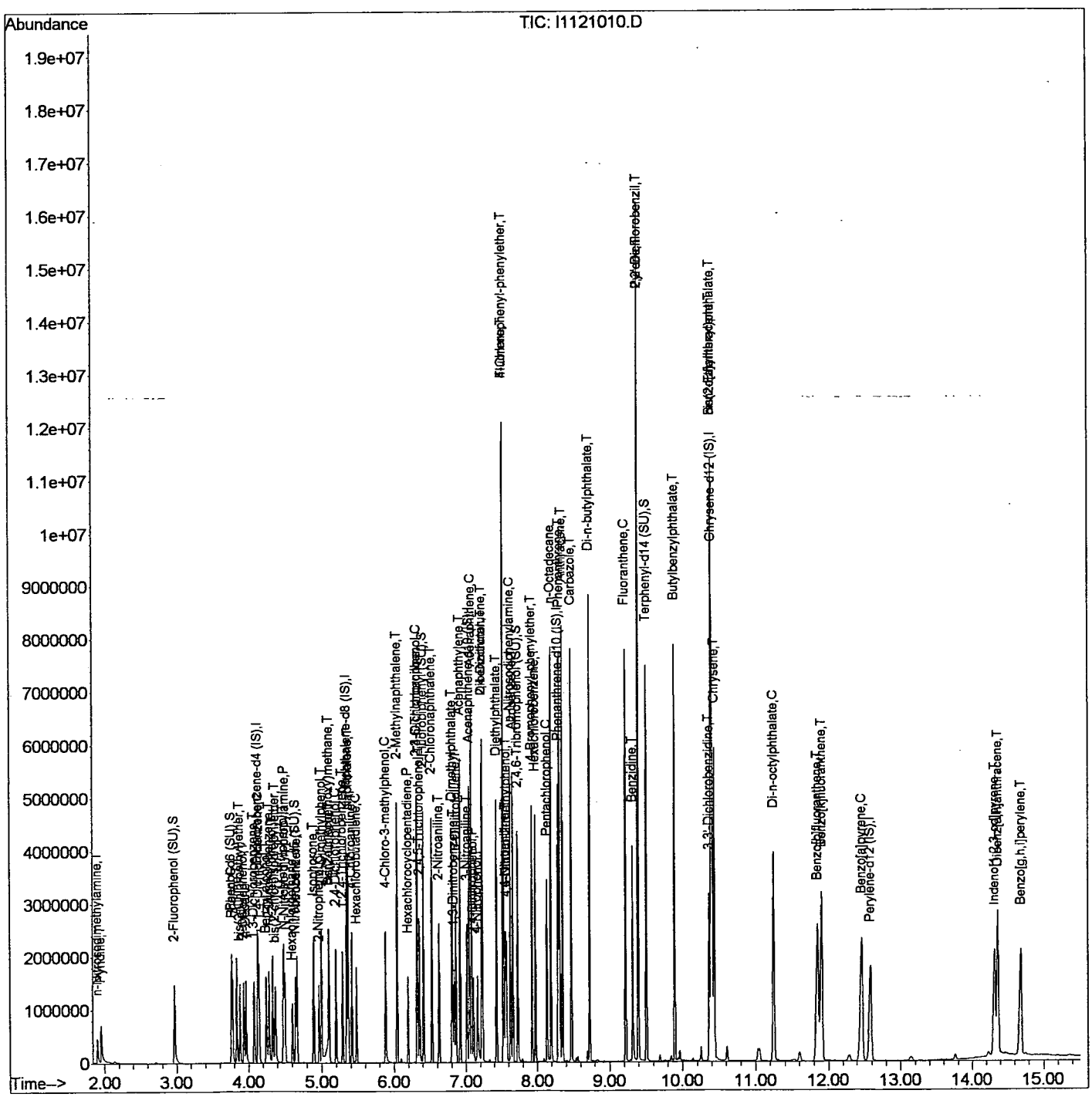
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.40	139	2492664	57.58	ppm	96
75) Benzidine	9.32	184	1194957	68.96	ppm	97
76) Butylbenzylphthalate	9.90	149	1540693	54.98	ppm	98
77) 3,3'-Dichlorobenzidine	10.37	252	583262	37.55	ppm	99
78) Benzo[a]anthracene	10.40	228	1955327	52.12	ppm	99
79) Chrysene	10.44	228	1959835	53.28	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.40	149	2094181	52.35	ppm	100
81) Di-n-octylphthalate	11.25	149	3082612	56.15	ppm	100
83) Benzo[b]fluoranthene	11.85	252	2254743	54.19	ppm	99
84) Benzo[k]fluoranthene	11.91	252	2110117	50.44	ppm	98
85) Benzo[a]pyrene	12.47	252	2001916	52.93	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.32	276	1534884	49.77	ppm	98
87) Dibenz[a,h]anthracene	14.37	278	1674486	49.97	ppm	98
88) Benzo[g,h,i]perylene	14.69	276	1498525	49.50	ppm	99

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121010.D
Acq On : 21 Nov 2007 4:27 pm
Operator : AI/DF
Sample : 7K19096-BS1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 09:59:00 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	394784	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	5.34	136	1773008	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	7.05	162	993993	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	8.29	188	1583847	40.00	ppm		0.00
71) Chrysene-d12 (IS)	10.41	240	1300152	40.00	ppm		0.00
82) Perylene-d12 (IS)	12.59	264	1211586	40.00	ppm		0.01
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	2.97	112	699206	57.79	ppm		-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 57.79%				
7) Phenol-d6 (SU)	3.76	99	974183	65.61	ppm		0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 65.61%				
21) Nitrobenzene-d5 (SU)	4.64	82	495013	34.19	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 68.38%				
40) 2-Fluorobiphenyl (SU)	6.41	172	1307847	38.43	ppm		0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 76.86%				
62) 2,4,6-Tribromophenol (SU)	7.73	330	439963	77.04	ppm		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.04%				
74) Terphenyl-d14 (SU)	9.51	244	1614662	49.66	ppm		0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 99.32%				
Target Compounds							Qvalue
3) Pyridine	1.95	79	288232	22.93	ppm		97
4) n-Nitrosodimethylamine	1.90	74	254499	32.68	ppm		93
5) bis(2-Chloroethyl)ether	3.88	93	498093	37.23	ppm		99
6) Aniline	3.84	93	678435	34.40	ppm		100
8) Phenol	3.78	94	511441	31.87	ppm		99
9) 2-Chlorophenol	3.94	128	479351	34.30	ppm		97
10) n-Decane	3.97	57	386492	23.76	ppm		96
11) 1,3-Dichlorobenzene	4.08	146	447200	27.84	ppm		99
12) 1,4-Dichlorobenzene	4.14	146	465376	28.53	ppm		99
13) 1,2-Dichlorobenzene	4.28	146	457282	29.37	ppm		98
14) Benzyl alcohol	4.25	108	350460	43.15	ppm		94
15) bis(2-chloroisopropyl)ethe	4.37	45	748179	39.38	ppm	#	99
16) 2-Methylphenol	4.34	107	422482	37.49	ppm		100
17) Hexachloroethane	4.60	117	149640	25.97	ppm		98
18) N-Nitroso-di-n-propylamine	4.50	70	383851	39.96	ppm		95
19) 4-Methylphenol	4.49	107	626924	38.91	ppm		100
22) Nitrobenzene	4.66	77	532480	36.40	ppm		97
23) Isophorone	4.89	82	1013438	38.69	ppm		99
24) 2-Nitrophenol	4.97	139	305782	37.76	ppm		95
25) 2,4-Dimethylphenol	5.00	122	468380	33.11	ppm		98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	680490	38.38	ppm	95
27) 2,4-Dichlorophenol	5.20	162	463731	37.64	ppm	99
28) 1,2,4-Trichlorobenzene	5.28	180	402621	33.30	ppm	99
29) Benzoic Acid	5.11	122	343692	39.92	ppm	95
30) Naphthalene	5.36	128	1698735	35.97	ppm	99
31) 4-Chloroaniline	5.41	127	734391	38.89	ppm	97
32) Hexachlorobutadiene	5.48	225	171854	30.89	ppm	97
33) 4-Chloro-3-methylphenol	5.88	107	556068	42.55	ppm	96
34) 2-Methylnaphthalene	6.04	141	1114998	41.80	ppm	98
35) 2,3-Dichloroaniline	6.32	161	668638	43.85	ppm	98
37) Hexachlorocyclopentadiene	6.19	237	204553	37.86	ppm	100
38) 2,4,6-Trichlorophenol	6.32	196	312189	38.26	ppm	99
39) 2,4,5-Trichlorophenol	6.35	196	365604	42.97	ppm	98
41) 2-Chloronaphthalene	6.53	162	1201349	39.83	ppm	99
42) 2-Nitroaniline	6.63	65	381557	42.76	ppm	95
43) 1,3-Dinitrobenzene	6.83	168	262022	53.49	ppm	94
44) Acenaphthylene	6.92	152	2091299	45.85	ppm	99
45) Dimethylphthalate	6.81	163	1522583	44.88	ppm	99
46) 2,6-Dinitrotoluene	6.86	165	363034	45.40	ppm	90
47) Acenaphthene	7.08	154	1290305	42.55	ppm	99
48) 3-Nitroaniline	7.02	138	449614	48.06	ppm	99
49) 2,4-Dinitrophenol	7.10	184	208731	48.62	ppm	95
50) Dibenzofuran	7.23	168	1916985	46.19	ppm	97
51) 2,4-Dinitrotoluene	7.22	165	502005	48.35	ppm	90
52) 4-Nitrophenol	7.16	109	194447	48.79	ppm	90
53) Fluorene	7.53	166	1613743	46.03	ppm	99
54) 4-Chlorophenyl-phenylether	7.53	204	606699	43.05	ppm	97
55) Diethylphthalate	7.43	149	1554742	45.57	ppm	99
56) Azobenzene	7.66	77	1568600	44.65	ppm	97
57) 4-Nitroaniline	7.56	138	488319	54.80	ppm	92
58) n-Octadecane	8.19	57	1233922	49.60	ppm	96
60) 4,6-Dinitro-2-methylphenol	7.57	105	132557	43.87	ppm	93
61) n-Nitrosodiphenylamine	7.63	169	1081648	39.46	ppm	100
63) 4-Bromophenyl-phenylether	7.93	248	361230	41.35	ppm	95
64) Hexachlorobenzene	7.98	284	427863	42.00	ppm	99
65) Pentachlorophenol	8.14	266	283816	49.15	ppm	98
66) Phenanthrene	8.31	178	2198779	43.85	ppm	99
67) Anthracene	8.35	178	2305795	45.64	ppm	99
68) Carbazole	8.48	167	2419701	50.49	ppm	99
69) Di-n-butylphthalate	8.73	149	3284001	57.75	ppm	99
70) Fluoranthene	9.22	202	2392910	51.76	ppm	97
72) Pyrene	9.40	202	2457037	49.03	ppm	98

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

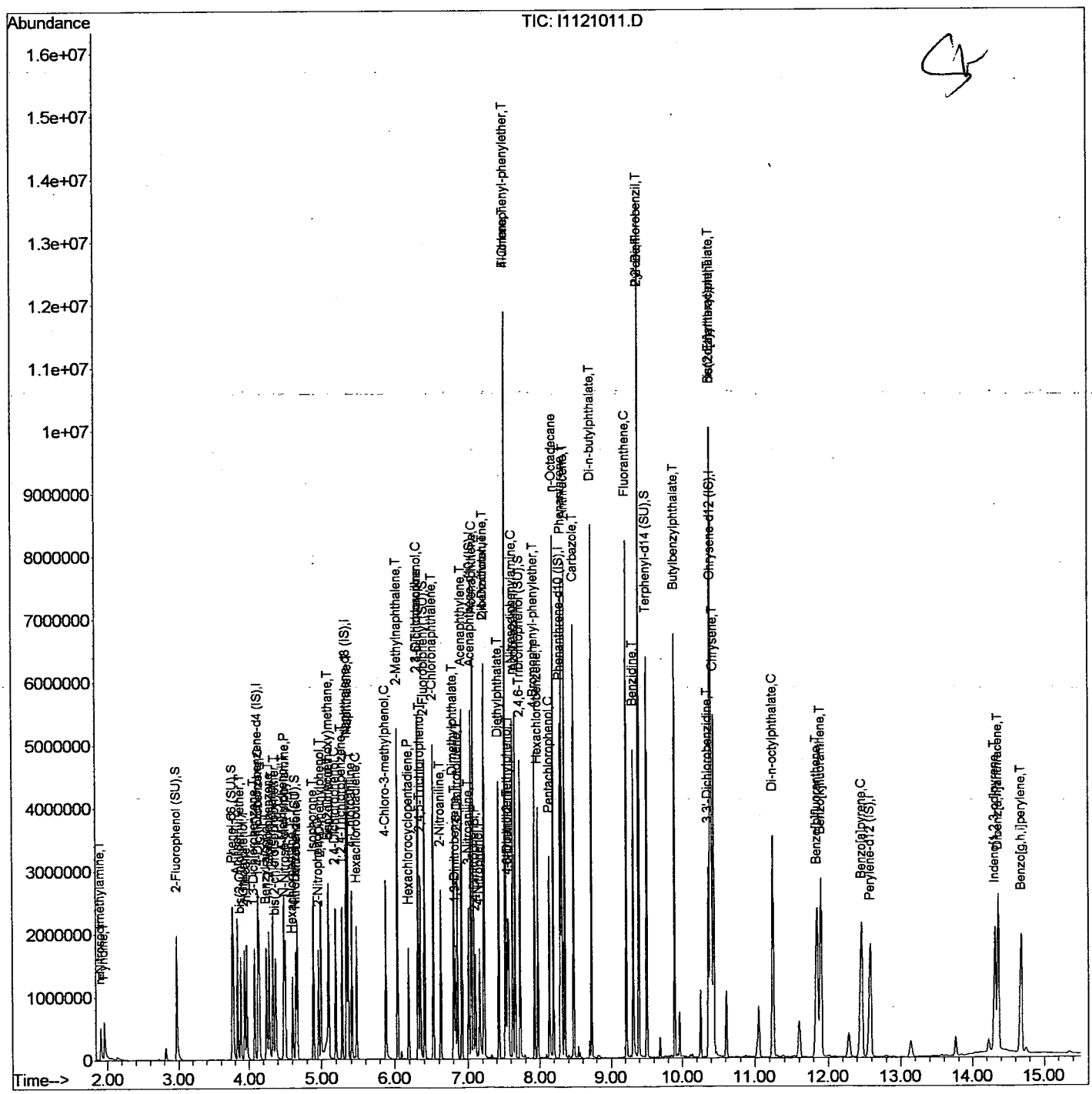
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	2203449	50.38 ppm	96
75) Benzidine	9.32	184	1543225	88.16 ppm	97
76) Butylbenzylphthalate	9.90	149	1403324	49.57 ppm	98
77) 3,3'-Dichlorobenzidine	10.37	252	612192	39.01 ppm	99
78) Benzo[a]anthracene	10.39	228	1764420	46.56 ppm	99
79) Chrysene	10.44	228	1752694	47.17 ppm	98
80) bis(2-Ethylhexyl)phthalate	10.40	149	1916310	47.42 ppm	100
81) Di-n-octylphthalate	11.25	149	2825211	50.94 ppm	100
83) Benzo[b]fluoranthene	11.85	252	1947351	48.24 ppm	99
84) Benzo[k]fluoranthene	11.90	252	1906792	46.98 ppm	98
85) Benzo[a]pyrene	12.47	252	1795655	48.94 ppm	99
86) Indeno[1,2,3-cd]pyrene	14.32	276	1396487	46.67 ppm	98
87) Dibenz[a,h]anthracene	14.37	278	1505921	46.32 ppm	98
88) Benzo[g,h,i]perylene	14.68	276	1338090	45.56 ppm	98

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

Quantitation Report (QT Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	4.13	152	394784	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	5.34	136	1773008	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	7.05	162	993993	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	8.29	188	1583847	40.00	ppm	0.00
71) Chrysene-d12 (IS)	10.41	240	1300152	40.00	ppm	0.00
82) Perylene-d12 (IS)	12.59	264	1211586	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	2.97	112	699206	57.79	ppm	-0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 57.79%			
7) Phenol-d6 (SU)	3.76	99	974183	65.61	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 65.61%			
21) Nitrobenzene-d5 (SU)	4.64	82	495013	34.19	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 68.38%			
40) 2-Fluorobiphenyl (SU)	6.41	172	1307847	38.43	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 76.86%			
62) 2,4,6-Tribromophenol (SU)	7.73	330	439963	77.04	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.04%			
74) Terphenyl-d14 (SU)	9.51	244	1614662	49.66	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 99.32%			
Target Compounds						Qvalue
3) Pyridine	1.95	79	288232	22.93	ppm	97
4) n-Nitrosodimethylamine	1.90	74	254499	32.68	ppm	93
5) bis(2-Chloroethyl)ether	3.88	93	498093	37.23	ppm	99
6) Aniline	3.84	93	678435	34.40	ppm	100
8) Phenol	3.78	94	511441	31.87	ppm	99
9) 2-Chlorophenol	3.94	128	479351	34.30	ppm	97
10) n-Decane	3.97	57	386492	23.76	ppm	96
11) 1,3-Dichlorobenzene	4.08	146	447200	27.84	ppm	99
12) 1,4-Dichlorobenzene	4.14	146	465376	28.53	ppm	99
13) 1,2-Dichlorobenzene	4.28	146	457282	29.37	ppm	98
14) Benzyl alcohol	4.25	108	350460	43.15	ppm	94
15) bis(2-chloroisopropyl)ethe	4.37	45	748179	39.38	ppm #	99
16) 2-Methylphenol	4.34	107	422482	37.49	ppm	100
17) Hexachloroethane	4.60	117	149640	25.97	ppm	98
18) N-Nitroso-di-n-propylamine	4.50	70	383851	39.96	ppm	95
19) 4-Methylphenol	4.49	107	626924	38.91	ppm	100
22) Nitrobenzene	4.66	77	532480	36.40	ppm	97
23) Isophorone	4.89	82	1013438	38.69	ppm	99
24) 2-Nitrophenol	4.97	139	305782	37.76	ppm	95
25) 2,4-Dimethylphenol	5.00	122	468380	33.11	ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
26) bis(2-Chloroethoxy)methane	5.10	93	680490	38.38 ppm	95
27) 2,4-Dichlorophenol	5.20	162	463731	37.64 ppm	99
28) 1,2,4-Trichlorobenzene	5.28	180	402621	33.30 ppm	99
29) Benzoic Acid	5.11	122	343692	39.92 ppm	95
30) Naphthalene	5.36	128	1698735	35.97 ppm	99
31) 4-Chloroaniline	5.41	127	734391	38.89 ppm	97
32) Hexachlorobutadiene	5.48	225	171854	30.89 ppm	97
33) 4-Chloro-3-methylphenol	5.88	107	556068	42.55 ppm	96
34) 2-Methylnaphthalene	6.04	141	1114998	41.80 ppm	98
35) 2,3-Dichloroaniline	6.32	161	668638	43.85 ppm	98
37) Hexachlorocyclopentadiene	6.19	237	204553	37.86 ppm	100
38) 2,4,6-Trichlorophenol	6.32	196	312189	38.26 ppm	99
39) 2,4,5-Trichlorophenol	6.35	196	365604	42.97 ppm	98
41) 2-Chloronaphthalene	6.53	162	1201349	39.83 ppm	99
42) 2-Nitroaniline	6.63	65	381557	42.76 ppm	95
43) 1,3-Dinitrobenzene	6.83	168	262022	53.49 ppm	94
44) Acenaphthylene	6.92	152	2091299	45.85 ppm	99
45) Dimethylphthalate	6.81	163	1522583	44.88 ppm	99
46) 2,6-Dinitrotoluene	6.86	165	363034	45.40 ppm	90
47) Acenaphthene	7.08	154	1290305	42.55 ppm	99
48) 3-Nitroaniline	7.02	138	449614	48.06 ppm	99
49) 2,4-Dinitrophenol	7.10	184	208731	48.62 ppm	95
50) Dibenzofuran	7.23	168	1916985	46.19 ppm	97
51) 2,4-Dinitrotoluene	7.22	165	502005	48.35 ppm	90
52) 4-Nitrophenol	7.16	109	194447	48.79 ppm	90
53) Fluorene	7.53	166	1613743	46.03 ppm	99
54) 4-Chlorophenyl-phenylether	7.53	204	606699	43.05 ppm	97
55) Diethylphthalate	7.43	149	1554742	45.57 ppm	99
56) Azobenzene	7.66	77	1568600	44.65 ppm	97
57) 4-Nitroaniline	7.56	138	488319	54.80 ppm	92
58) n-Octadecane	8.19	57	1233922	49.60 ppm	96
60) 4,6-Dinitro-2-methylphenol	7.57	105	132557	43.87 ppm	93
61) n-Nitrosodiphenylamine	7.63	169	1081648	39.46 ppm	100
63) 4-Bromophenyl-phenylether	7.93	248	361230	41.35 ppm	95
64) Hexachlorobenzene	7.98	284	427863	42.00 ppm	99
65) Pentachlorophenol	8.14	266	283816	49.15 ppm	98
66) Phenanthrene	8.31	178	2198779	43.85 ppm	99
67) Anthracene	8.35	178	2305795	45.64 ppm	99
68) Carbazole	8.48	167	2419701	50.49 ppm	99
69) Di-n-butylphthalate	8.73	149	3284001	57.75 ppm	99
70) Fluoranthene	9.22	202	2392910	51.76 ppm	97
72) Pyrene	9.40	202	2457037	49.03 ppm	98

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 2007
Response via : Initial Calibration

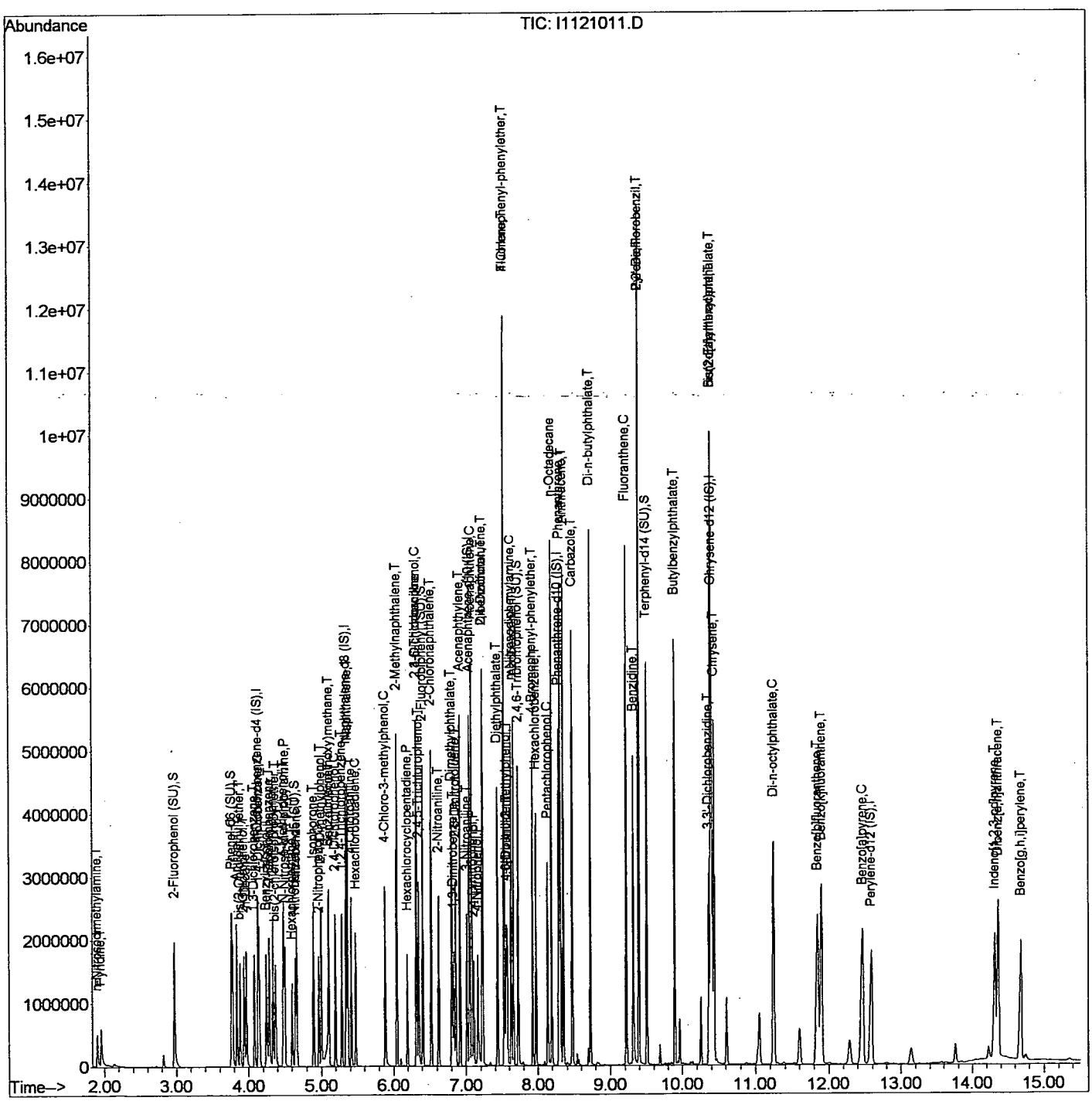
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2,2'-Dichlorobenzil	9.39	139	2203449	50.38	ppm	96
75) Benzidine	9.32	184	1543225	88.16	ppm	97
76) Butylbenzylphthalate	9.90	149	1403324	49.57	ppm	98
77) 3,3'-Dichlorobenzidine	10.37	252	612192	39.01	ppm	99
78) Benzo[a]anthracene	10.39	228	1764420	46.56	ppm	99
79) Chrysene	10.44	228	1752694	47.17	ppm	98
80) bis(2-Ethylhexyl)phthalate	10.40	149	1916310	47.42	ppm	100
81) Di-n-octylphthalate	11.25	149	2825211	50.94	ppm	100
83) Benzo[b]fluoranthene	11.85	252	1947351	48.24	ppm	99
84) Benzo[k]fluoranthene	11.90	252	1906792	46.98	ppm	98
85) Benzo[a]pyrene	12.47	252	1795655	48.94	ppm	99
86) Indeno[1,2,3-cd]pyrene	14.32	276	1396487	46.67	ppm	98
87) Dibenz[a,h]anthracene	14.37	278	1505921	46.32	ppm	98
88) Benzo[g,h,i]perylene	14.68	276	1338090	45.56	ppm	98

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

Quantitation Report (Not Reviewed)

Data Path : D:\GCMS65\DATA\07NOV21\
Data File : I1121011.D
Acq On : 21 Nov 2007 4:47 pm
Operator : AI/DF
Sample : 7K19096-BSD1
Misc : WATER 1L/2ml -- Batch 7K19096
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 09:59:04 2007
Quant Method : D:\MSDCHEM\1\METHODS\I7K20SV.M
Quant Title : 625/8270 Low Level Calibration
QLast Update : Tue Nov 20 16:33:08 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	–			BZD/628		432
8	120ppm	–	120	–			ICAL		433
9	160ppm	–	160	–			#7100452		434
10	2ppm	–	002	–					427
11	50ppm Sec Source	–	LCS 050	–					#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:	[signature]	Analyst:	DF
Date:	11/8/07	Analysis Date:	11/7/07
		GCMS #:	8

2nd Level Rev	Analyst Rev	
		DFTPP Tuning :
J	✓	Benzidine tailing <=3; Pentachlorophenol tailing <=5; DDT degradation <=20%
		Calibration :
J	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
J	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
J	✓	• RSD of RF: <= ±30 % for CCCs; <= ±15 % for non-CCCs.
J	✓	• If RSD >± 15 % and r^2 >= 0.99: use linear or quadratic regression
		LCS check :
J	✓	• After initial calibration
J	✓	• SPCC: Minimum RF and % recovery met (refer to in-house limits)
J	✓	• CCC: % difference from initial calibration <= 20%
J	✓	• Other compounds: % recovery met (refer to in-house limits)
		Datafile:
J	✓	Print out calibration curve (include software or calculator-generated r^2 coefficient)
		Generate:
J	✓	• Response Factor summary sheet
J	✓	• List compound summary sheet
J	✓	• List compound history summary sheet
J	✓	Print all levels with area count for all compounds
		Check all levels for:
J	✓	• Manual integration
J	✓	• Print data before and after integration
J	✓	• Transcription errors
J	✓	Calibration performed within 12-hour tuning period
J	✓	Mint Miner Check
J	✓	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) 450645	(NPT) 1410180	(ANT) 716631	(PHN) 1023640	(CRY) 762123	(PRY) 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							1.531	11.07
S	2-Fluorophenol (SU)	1.387	1.406	1.501	1.536	1.703	1.814	1.371	2.191	11.18
T	Pyridine	2.030	2.079	2.163	2.187	2.429	2.587	1.863	1.494	10.85
T	n-Nitrosodimethylamine	1.391	1.441	1.466	1.502	1.640	1.756	1.262	1.903	7.18
T	bis(2-Chloroethyl)ether	1.866	1.780	1.742	1.832	2.053	2.105	1.943	2.498	3.95
T	Aniline	2.361	2.502	2.524	2.403	2.559	2.659	2.480	1.985	4.00
S	Phenol-d6 (SU)	1.935	1.936	1.953	1.929	2.073	2.124	1.942	2.104	2.10
CM	Phenol	2.078	2.080	2.081	2.044	2.157	2.158	2.128	1.429	3.25
M	2-Chlorophenol	1.379	1.385	1.409	1.412	1.478	1.501	1.439	2.630	3.39
T	n-Decane	2.630	2.604	2.600	2.488	2.644	2.654	2.789	1.376	2.77
T	1,3-Dichlorobenzene	1.349	1.425	1.364	1.376	1.352	1.333	1.431	1.692	2.35
CM	1,4-Dichlorobenzene	1.770	1.690	1.694	1.643	1.672	1.672	1.706	1.460	1.04
T	1,2-Dichlorobenzene	1.461	1.483	1.454	1.436	1.469	1.448	1.466	0.908	6.28
T	Benzyl alcohol	0.847	0.903	0.910	0.899	0.965	0.994	0.837	4.053	4.02
T	bis(2-chloroisopropyl)ether	4.028	4.068	3.921	3.793	4.106	4.158	4.297	1.109	2.73
T	2-Methylphenol	1.081	1.105	1.085	1.072	1.136	1.144	1.137	0.601	2.85
T	Hexachloroethane	0.570	0.594	0.602	0.598	0.619	0.622	0.603	1.250	4.00
PM	N-Nitroso-di-n-propylamine	1.228	1.262	1.225	1.189	1.271	1.346	1.231	1.508	2.83
T	4-Methylphenol	1.511	1.543	1.493	1.437	1.487	1.514	1.571		
I	Naphthalene-d8 (IS)	ISTD							0.487	3.70
S	Nitrobenzene-d5 (SU)	0.468	0.486	0.486	0.487	0.507	0.511	0.462	0.505	1.31
T	Nitrobenzene	0.498	0.515	0.497	0.499	0.508	0.507	0.508	0.949	4.53
T	Isophorone	0.904	0.928	0.925	0.931	0.999	1.021	0.937	0.250	10.05
CT	2-Nitrophenol	0.219	0.244	0.258	0.261	0.268	0.284	0.217	0.357	3.28
T	2,4-Dimethylphenol	0.350	0.356	0.356	0.360	0.370	0.372	0.338	0.574	1.88
T	bis(2-Chloroethoxy)methane	0.569	0.584	0.568	0.560	0.587	0.585	0.566	0.326	3.41
CT	2,4-Dichlorophenol	0.327	0.337	0.337	0.332	0.327	0.318	0.306	0.344	4.02
M	1,2,4-Trichlorobenzene	0.361	0.362	0.346	0.344	0.334	0.323	0.340	0.162	44.35*
T	Benzoic Acid	0.047	0.104	0.176	0.194	0.217	0.232		0.980	5.55
T	Naphthalene	1.041	1.038	0.975	0.940	0.929	0.913	1.024	0.437	3.86
T	4-Chloroaniline	0.437	0.460	0.446	0.434	0.439	0.438	0.404	0.174	3.72
CT	Hexachlorobutadiene	0.178	0.183	0.179	0.175	0.170	0.163	0.172	0.307	6.94
CM	4-Chloro-3-methylphenol	0.288	0.307	0.312	0.308	0.328	0.333	0.272	0.576	4.28
T	2-Methylnaphthalene	0.591	0.603	0.567	0.539	0.573	0.552	0.602	0.354	3.51
T	2,3-Dichloroaniline	0.368	0.371	0.352	0.340	0.346	0.342	0.360		
I	Acenaphthene-d10 (IS)	ISTD							0.240	17.22*
PT	Hexachlorocyclopentadiene	0.171	0.210	0.256	0.262	0.278	0.266		0.410	5.80
CT	2,4,6-Trichlorophenol	0.405	0.435	0.428	0.425	0.415	0.399	0.365	0.440	6.34
T	2,4,5-Trichlorophenol	0.429	0.459	0.469	0.463	0.448	0.426	0.389	1.364	7.86
S	2-Fluorobiphenyl (SU)	1.490	1.441	1.336	1.298	1.283	1.216	1.480	1.156	6.01
T	2-Chloronaphthalene	1.228	1.225	1.153	1.116	1.096	1.057	1.220	0.472	11.83
T	2-Nitroaniline	0.414	0.443	0.486	0.492	0.534	0.537	0.396	0.235	7.70*
T	1,3-Dinitrobenzene	0.202	0.228	0.243	0.243	0.248	0.248		1.694	3.36
T	Acenaphthylene	1.729	1.746	1.691	1.643	1.670	1.610	1.767	1.347	4.62
T	Dimethylphthalate	1.413	1.407	1.340	1.279	1.298	1.283	1.411	0.348	4.01
T	2,6-Dinitrotoluene	0.330	0.366	0.358	0.348	0.355	0.347	0.329	1.066	5.15
CM	Acenaphthene	1.117	1.123	1.044	1.017	1.028	1.003	1.129	0.345	4.18
T	3-Nitroaniline	0.322	0.358	0.349	0.333	0.351	0.357		0.182	37.91*
PT	2,4-Dinitrophenol	0.065	0.134	0.207	0.207	0.231	0.245		1.564	6.52
T	Dibenzofuran	1.648	1.685	1.567	1.491	1.463	1.438	1.660	0.426	8.81
M	2,4-Dinitrotoluene	0.411	0.446	0.449	0.432	0.450	0.446	0.347	0.115	20.26*
PM	4-Nitrophenol	0.077	0.101	0.117	0.120	0.135	0.142		1.262	5.53
T	Fluorene	1.309	1.325	1.264	1.214	1.209	1.161	1.350	0.630	5.32
T	4-Chlorophenyl-phenylether	0.665	0.666	0.629	0.603	0.601	0.588	0.660	1.250	8.53
T	Diethylphthalate	1.354	1.363	1.208	1.131	1.162	1.165	1.368	1.710	7.87
T	Azobenzene	1.817	1.836	1.686	1.614	1.613	1.526	1.878	0.309	9.98
T	4-Nitroaniline	0.288	0.342	0.321	0.304	0.333	0.327	0.253	1.280	14.03
T	n-Octadecane	1.421	1.399	1.260	1.092	1.042		1.466		
I	Phenanthrene-d10 (IS)	ISTD							0.183	14.12
T	4,6-Dinitro-2-methylphenol	0.133	0.177	0.200	0.197	0.195	0.196		0.578	9.16
CT	n-Nitrosodiphenylamine	0.635	0.636	0.572	0.548	0.513	0.521	0.619	0.143	11.64
S	2,4,6-Tribromophenol (SU)	0.126	0.141	0.149	0.155	0.156	0.161	0.117	0.264	2.62
T	4-Bromophenyl-phenylether	0.272	0.275	0.263	0.263	0.261	0.261	0.254	0.301	2.68
T	Hexachlorobenzene	0.307	0.298	0.293	0.296	0.298	0.297	0.316	0.170	24.64
CM	Pentachlorophenol	0.100	0.140	0.180	0.186	0.200	0.212		1.115	9.51
T	Phenanthrene	1.227	1.217	1.095	1.049	1.004	0.990	1.225	1.113	10.81
T	Anthracene	1.231	1.231	1.075	1.014	0.996	0.992	1.251	0.952	9.95
T	Carbazole	1.040	1.060	0.889	0.838	0.871	0.915	1.050	1.597	8.61
T	Di-n-butylphthalate	1.725	1.733	1.591	1.492	1.452	1.440	1.744	1.197	6.55
CT	Fluoranthene	1.235	1.284	1.180	1.150	1.136	1.094	1.302		
I	Chrysene-d12 (IS)	ISTD							1.604	6.45
M	Pyrene	1.728	1.681	1.570	1.580	1.519	1.448	1.701	1.151	5.83
T	2,2'-Dichlorobenzil	1.142	1.182	1.191	1.201	1.201	1.124	1.015	1.034	3.87
S	Terphenyl-d14 (SU)	1.065	1.075	1.049	1.024	1.031	0.953	1.041	0.476	5.95
T	Benzidine	0.499	0.502	0.500	0.464	0.475	0.422	0.473	0.877	2.23
T	Butylbenzylphthalate	0.890	0.881	0.893	0.892	0.876	0.837	0.873	0.440	5.80
T	3,3'-Dichlorobenzidine	0.423	0.439	0.456	0.447	0.464	0.461	0.392	1.283	1.19
T	Benzo[a]anthracene	1.283	1.310	1.287	1.269	1.283	1.261	1.289	1.145	7.32
T	Chrysene	1.206	1.221	1.113	1.082	1.078	1.049	1.264	1.082	6.03
T	bis(2-Ethylhexyl)phthalate	1.157	1.166	1.086	1.054	1.047	0.978	1.090	1.518	4.72
CT	Di-n-octylphthalate	1.454	1.569	1.579	1.564	1.553	1.519	1.387		
I	Perylene-d12 (IS)	ISTD							1.387	12.01
T	Benzo[b]fluoranthene	1.282	1.322	1.335	1.438	1.701		1.246	1.300	10.45
T	Benzo[k]fluoranthene	1.390	1.376	1.205	1.108			1.419	1.162	2.41
CT	Benzo[a]pyrene	1.141	1.216	1.172	1.175	1.137	1.143	1.153	1.086	9.48
T	Indeno[1,2,3-cd]pyrene	0.989	1.100	1.158	1.101	1.225	1.114	0.917	1.106	8.45
T	Dibenz[a,h]anthracene	1.047	1.188	1.224	1.129	1.161	1.026	0.970	1.114	7.15
T	Benzo[g,h,i]perylene	1.115	1.203	1.215	1.096	1.130	0.993	1.047		

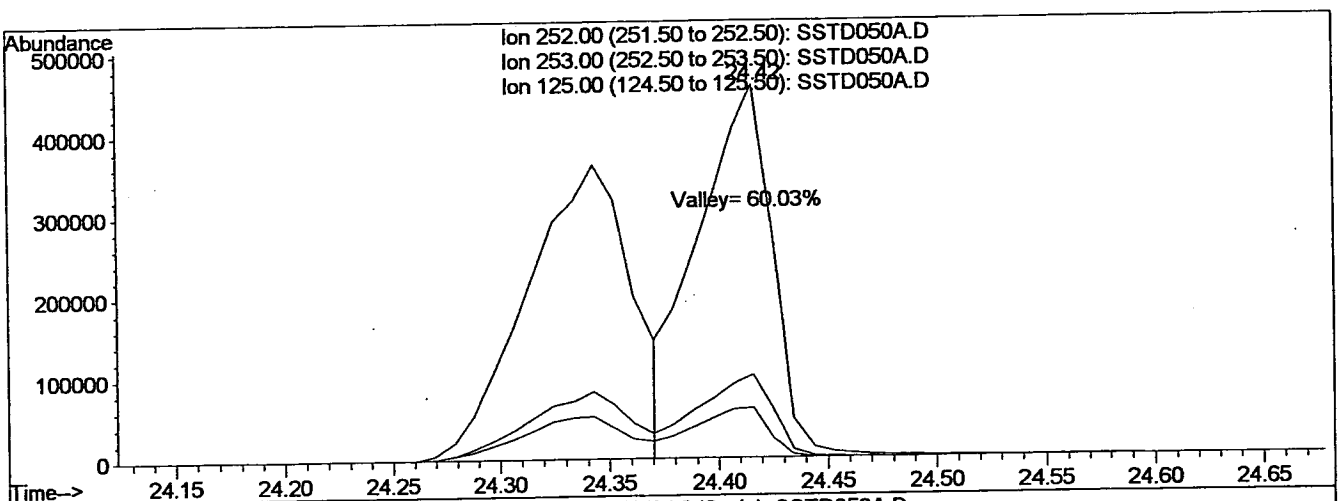
(#) = Out of Range
(*) = Linear Regression

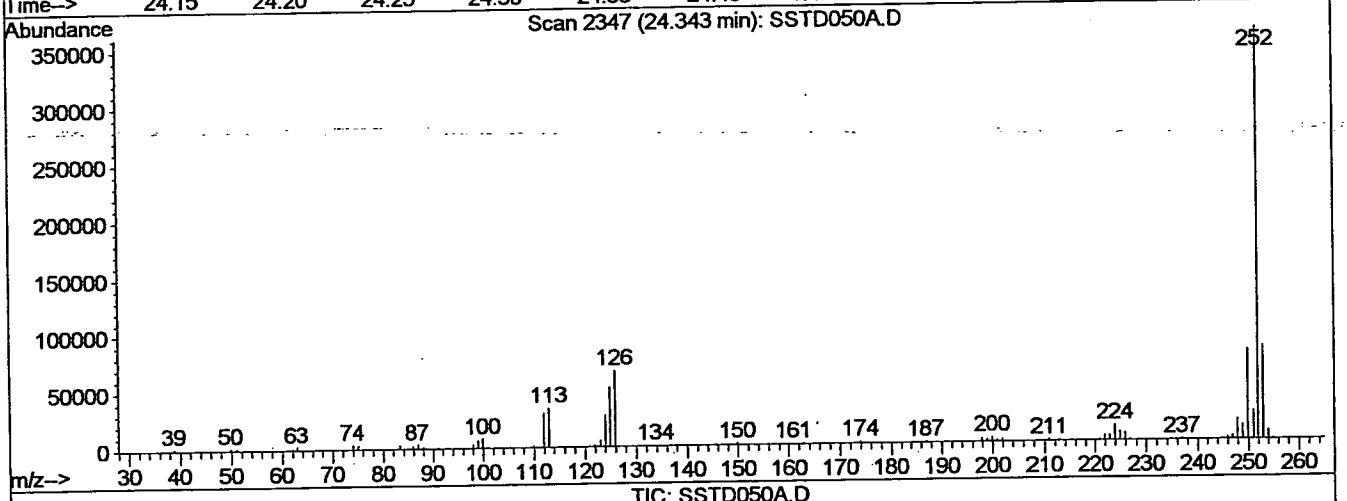
Quantitation Report

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
MSamInt:gmetiNovPar7am5:0RTE9NT07P

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

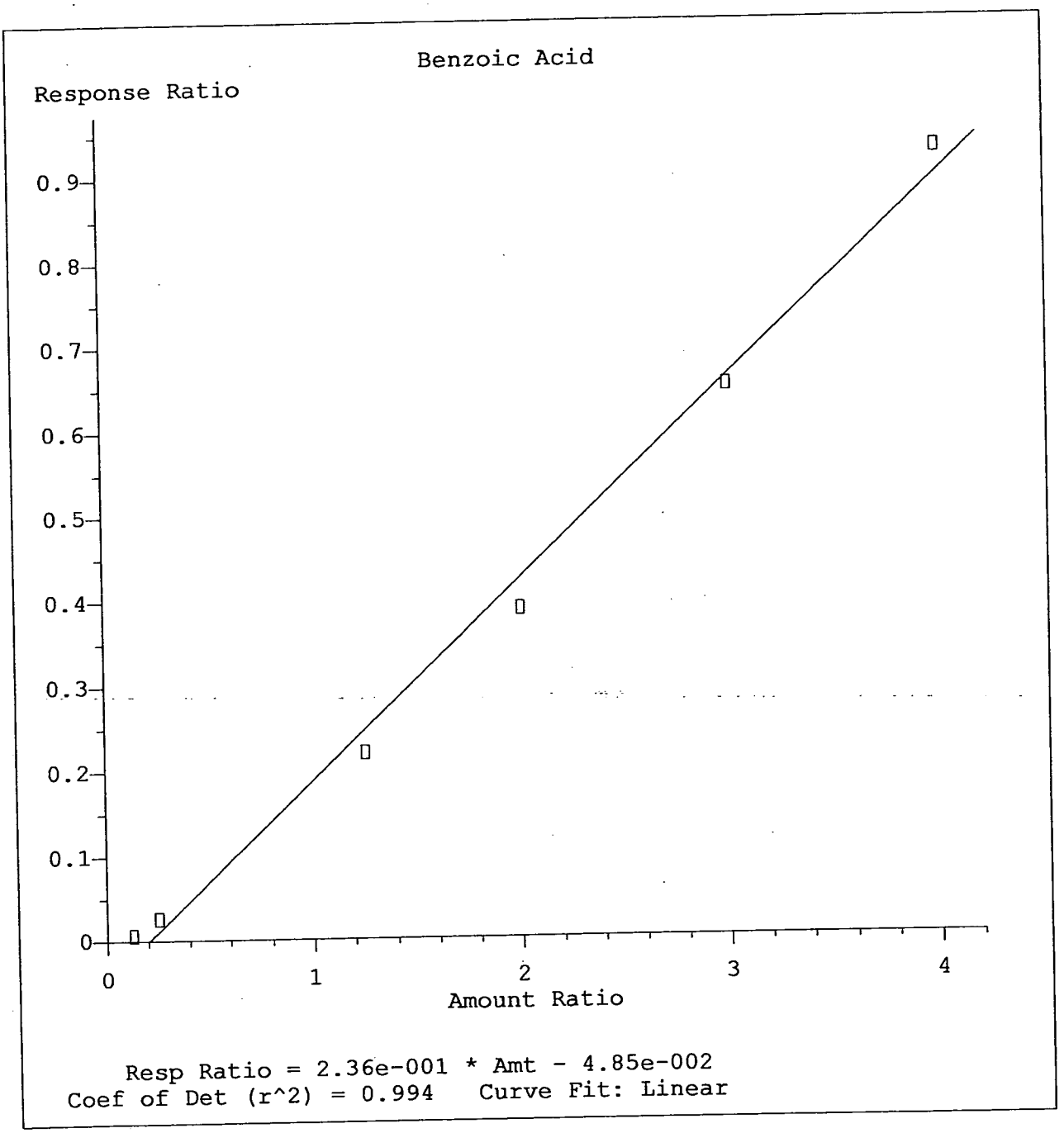
(83) Benzo[b]fluoranthene (T)

24.34min 47.47ppm

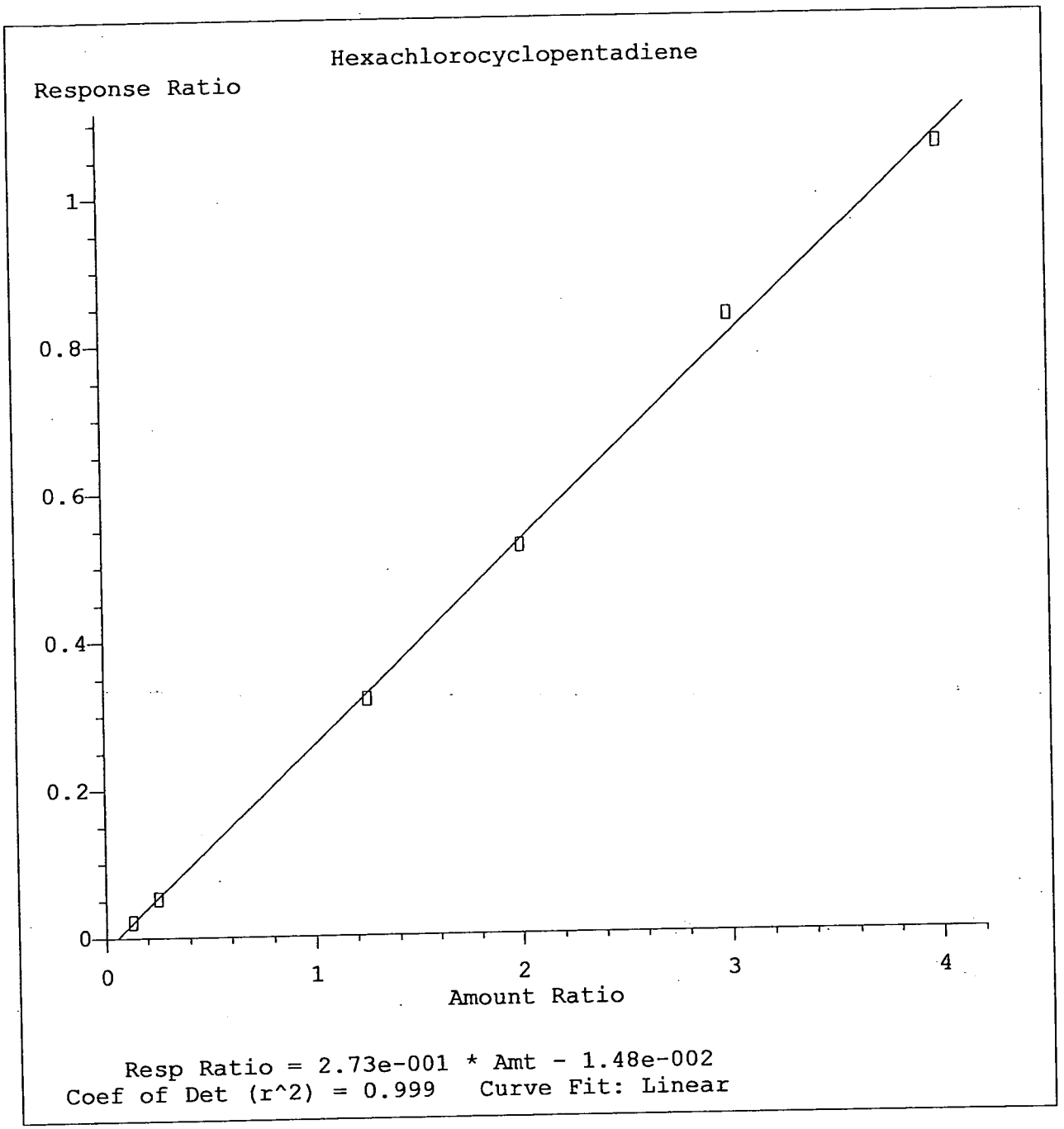
response 1217101

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

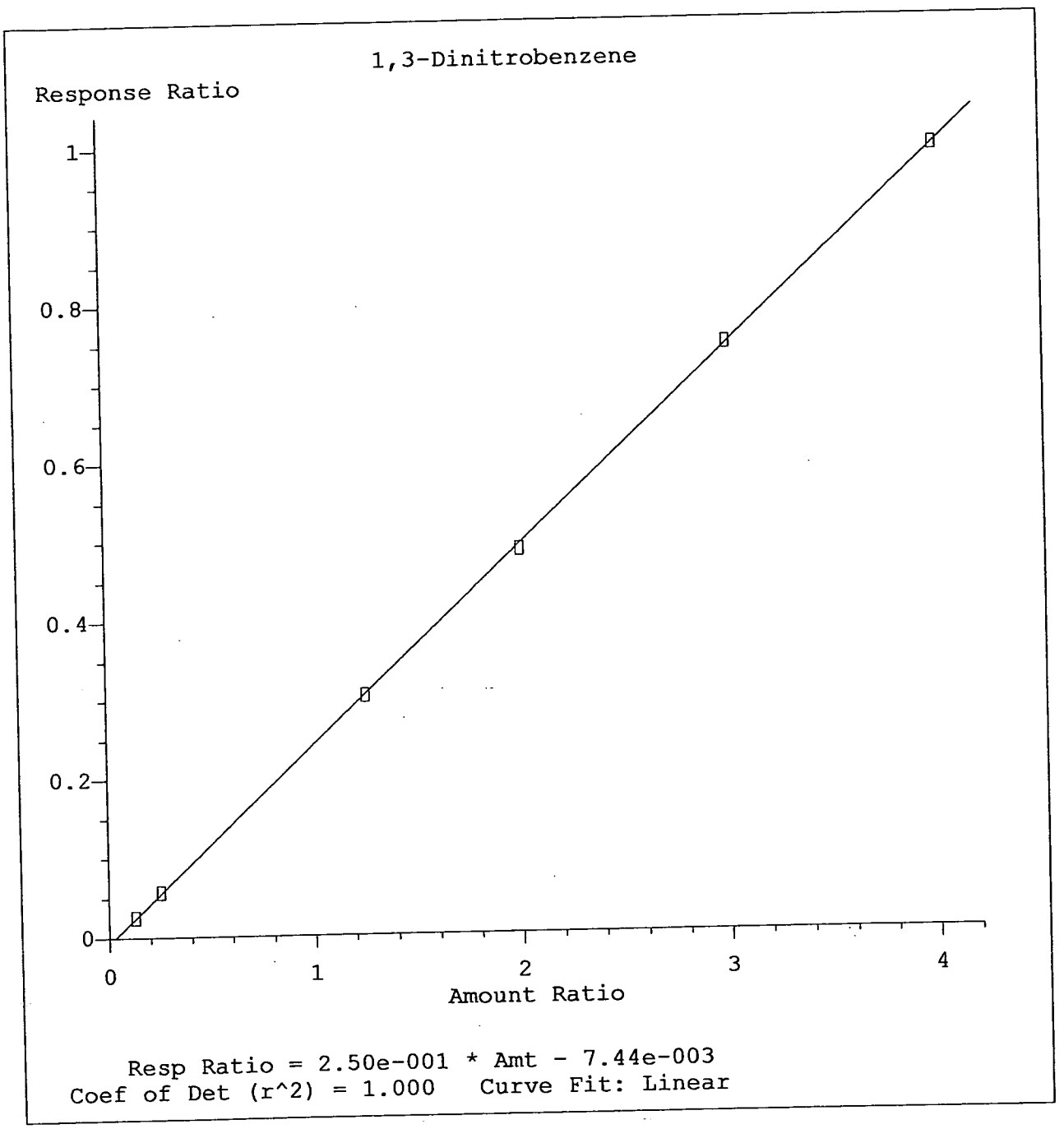
SSTD050A.D H7K07SV.M Wed Nov 07 15:17:53 2007



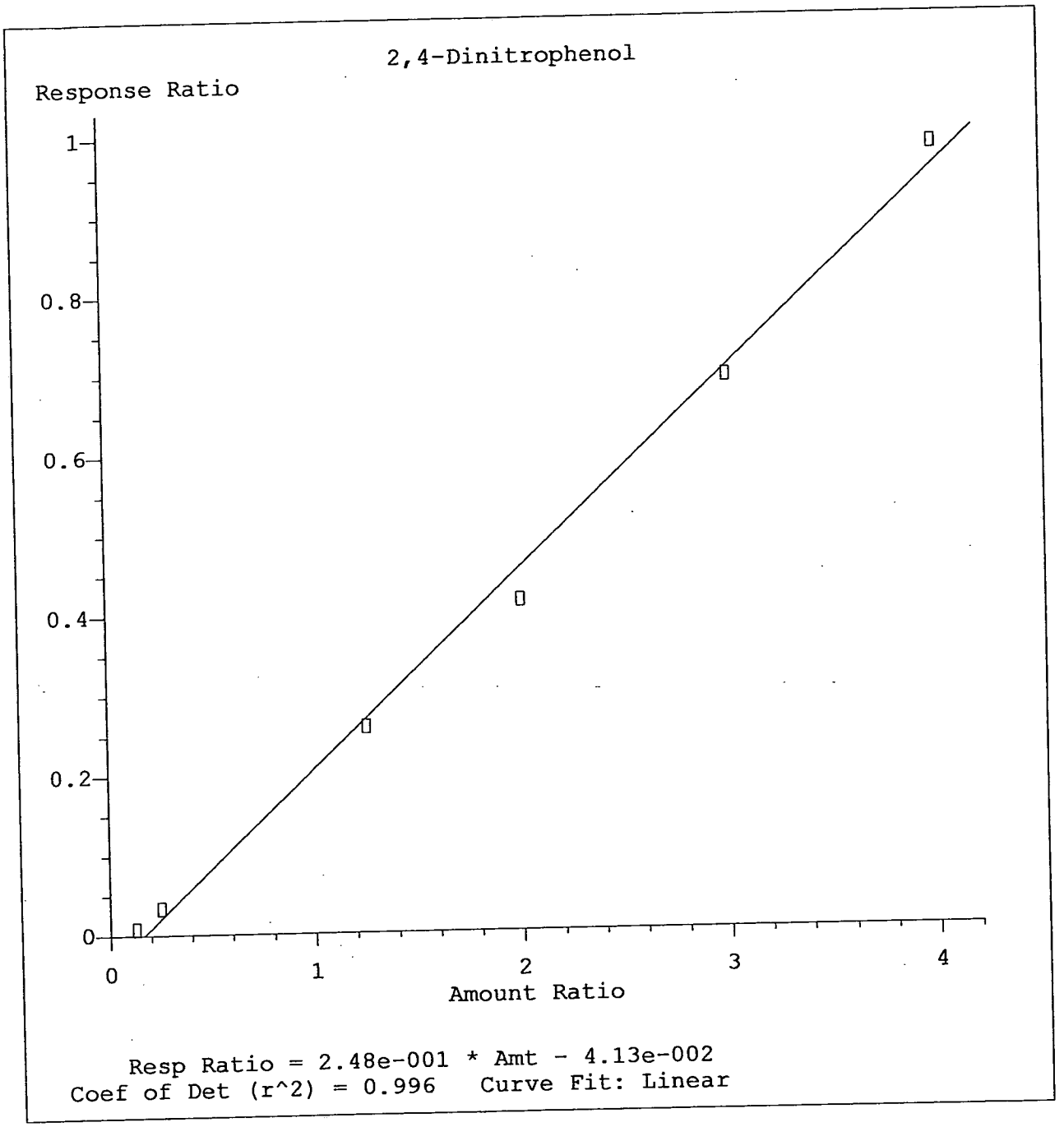
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



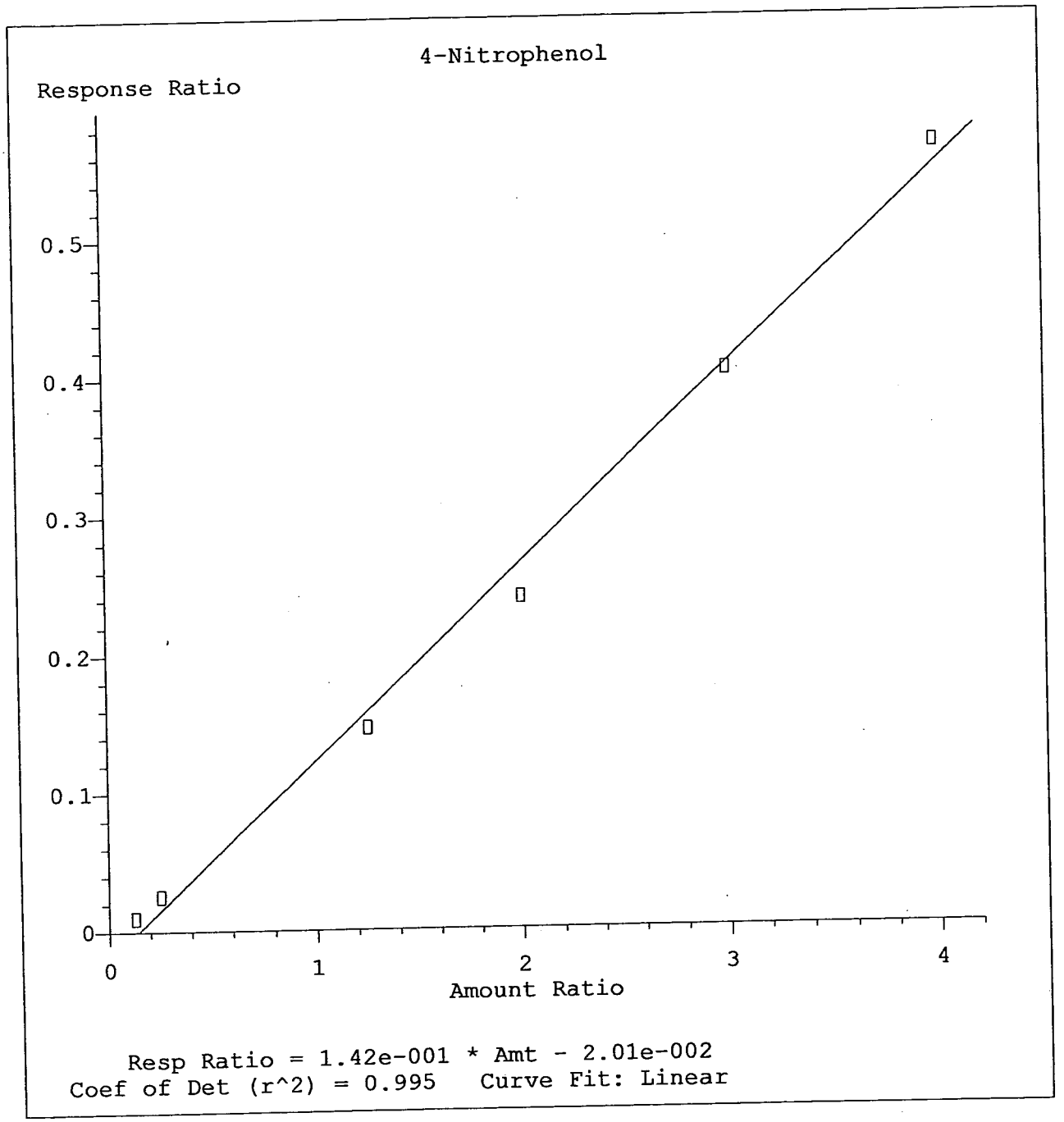
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



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

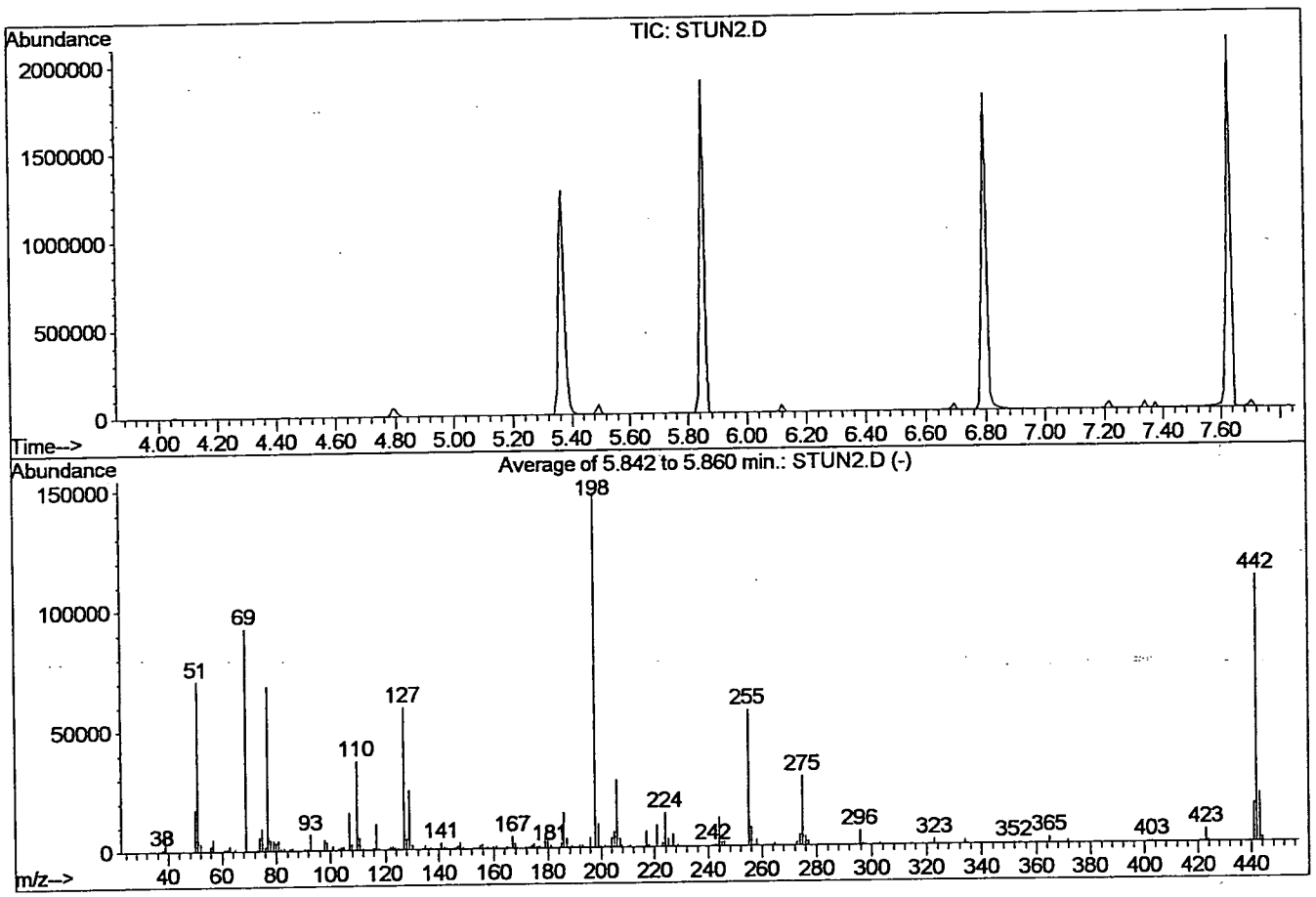


Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007

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

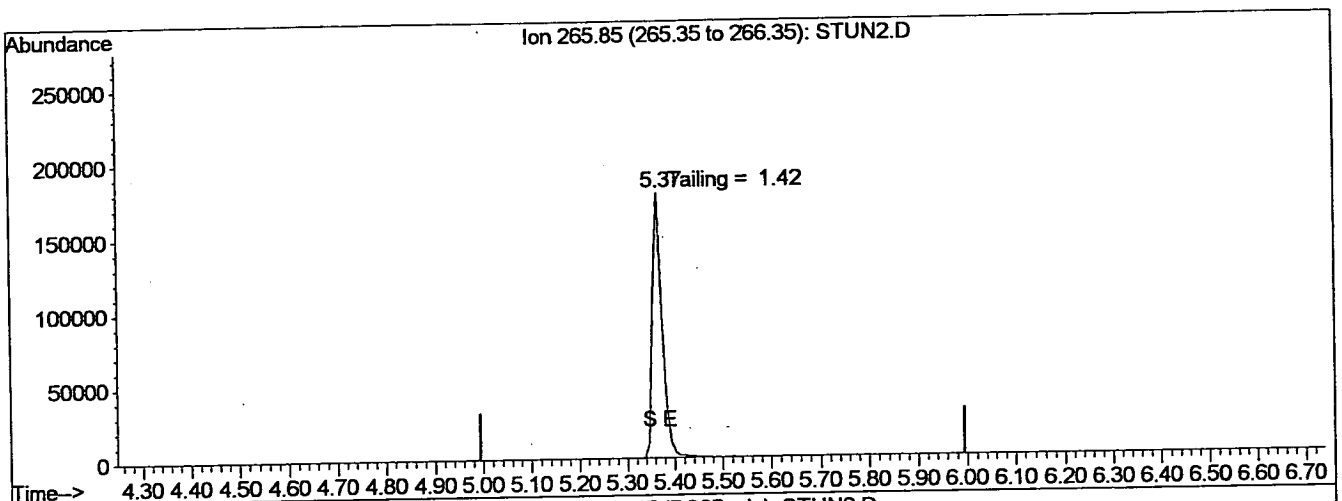
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
402.85	664						
403.80	234						
420.85	604						
421.95	573						
422.95	5596						
423.90	986						
440.95	16103						
441.95	110771						
442.95	20545						
443.95	1956						

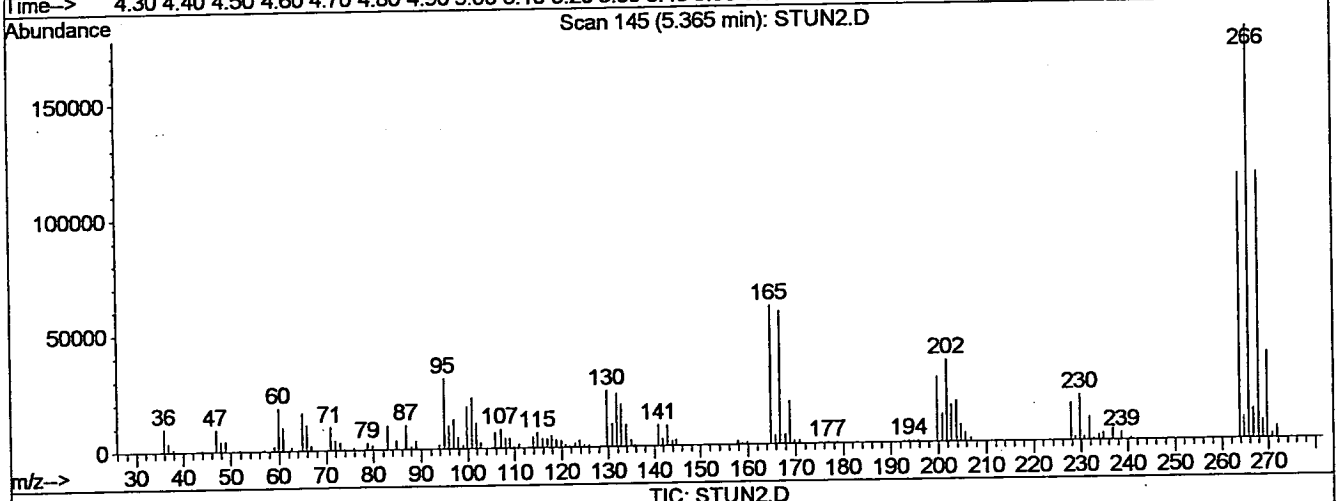
Quantitation Report

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

(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

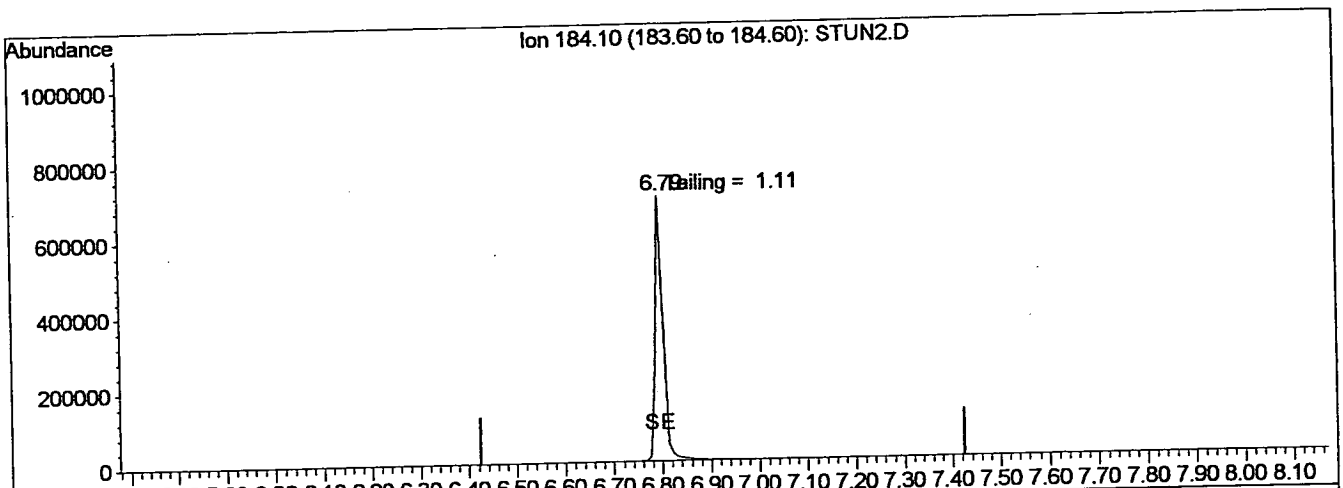
STUN2.D DFTPP.M Wed Nov 07 12:50:40 2007

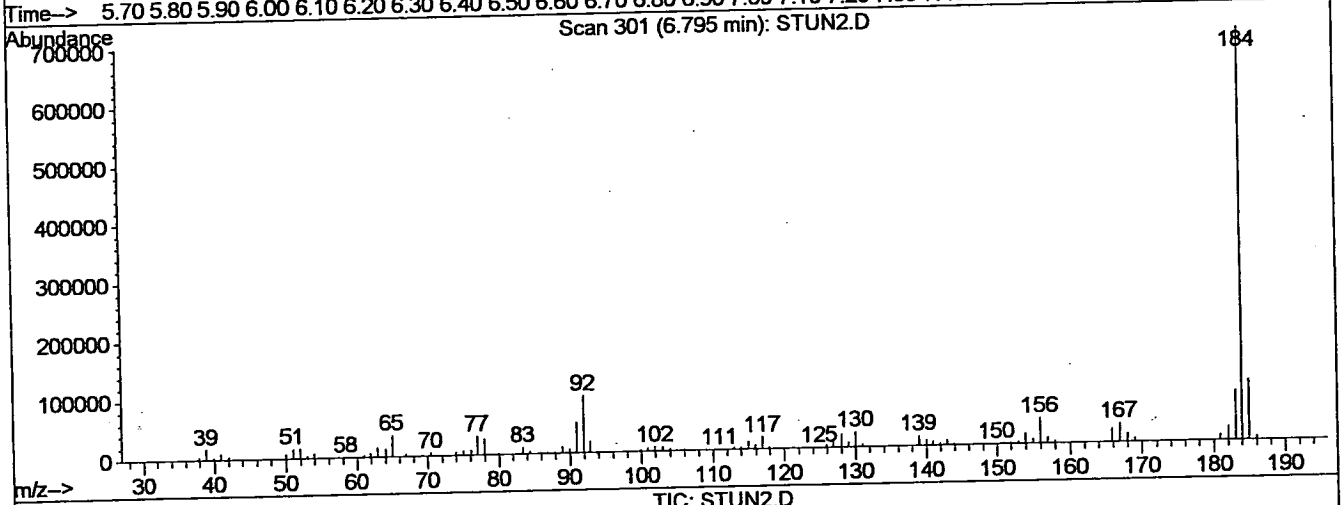
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\STUN2.D
Acq On : 7 Nov 2007 12:39 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
MS Integration Params: RTE2NT7P

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

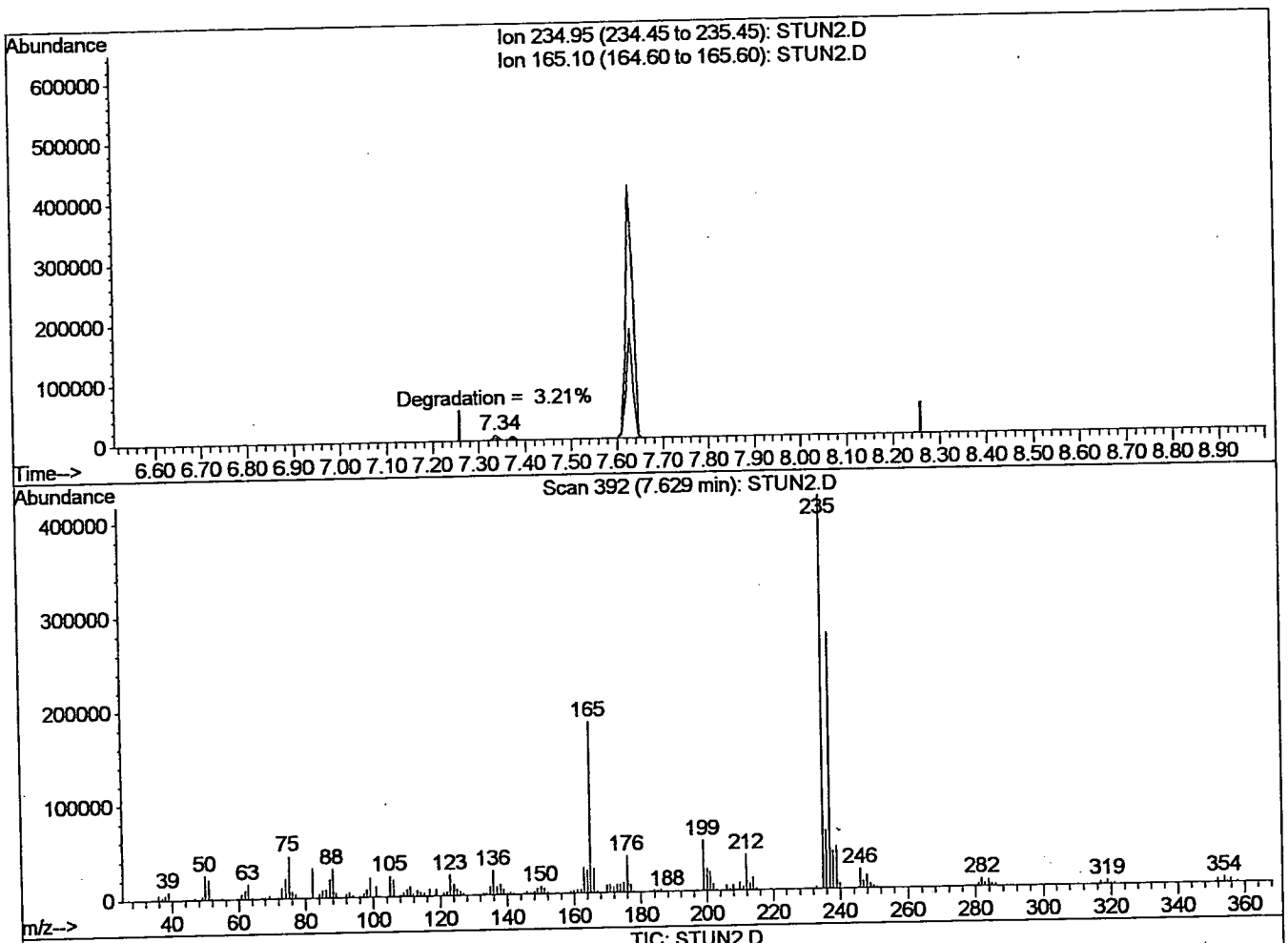
STUN2.D DFTPP.M Wed Nov 07 12:50:49 2007

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: RTE.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



(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
SSTD050A.D H7K07SV.M Wed Nov 07 15:15:42 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

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
SSTD050A.D H7K07SV.M Wed Nov 07 15:15:43 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

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
SSTD050A.D H7K07SV.M Wed Nov 07 15:15:44 2007 Page 3

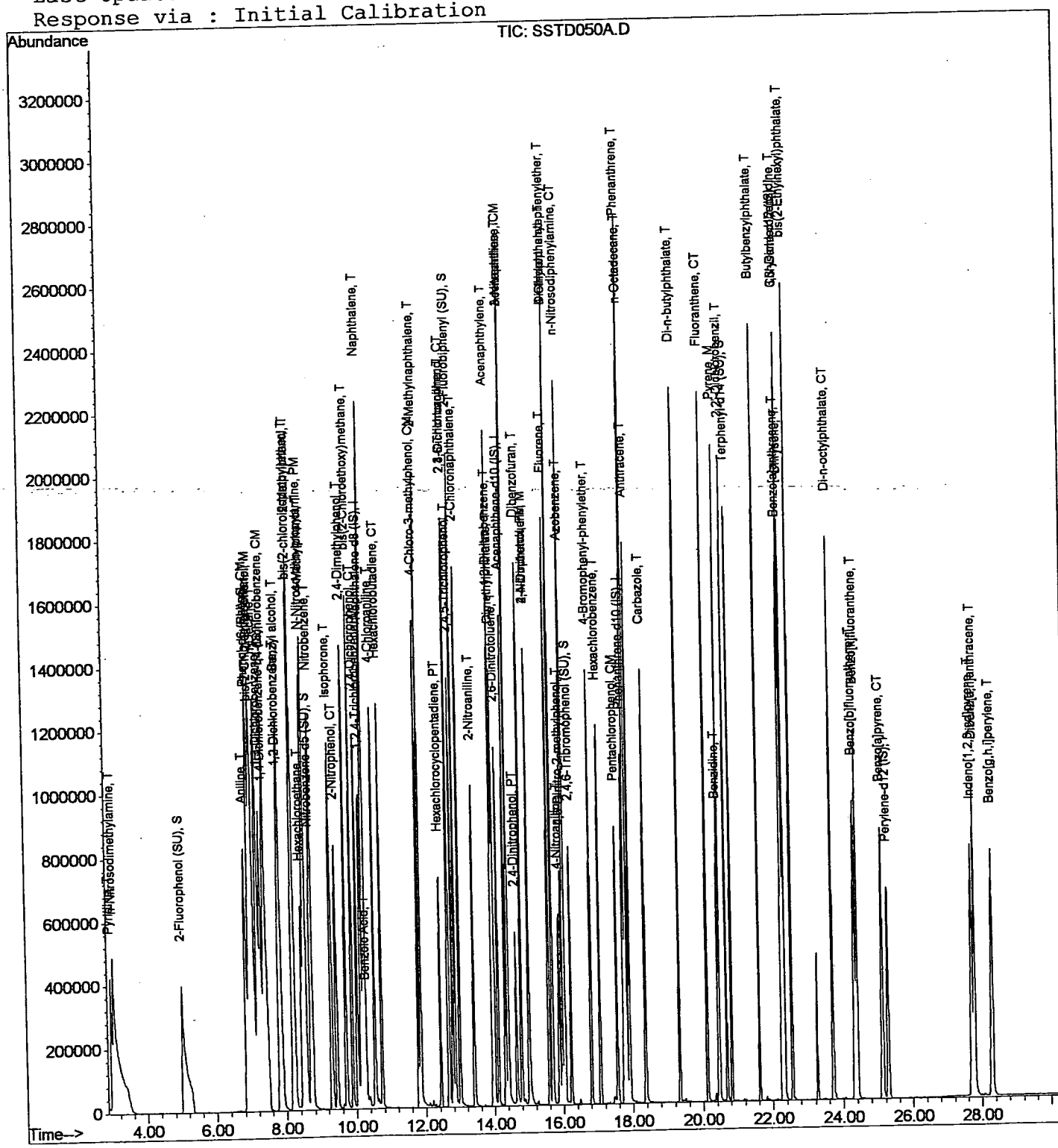
Quantitation Report

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	27.82	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
SSTD050A.D H7K07SV.M Wed Nov 07 15:02:37 2007

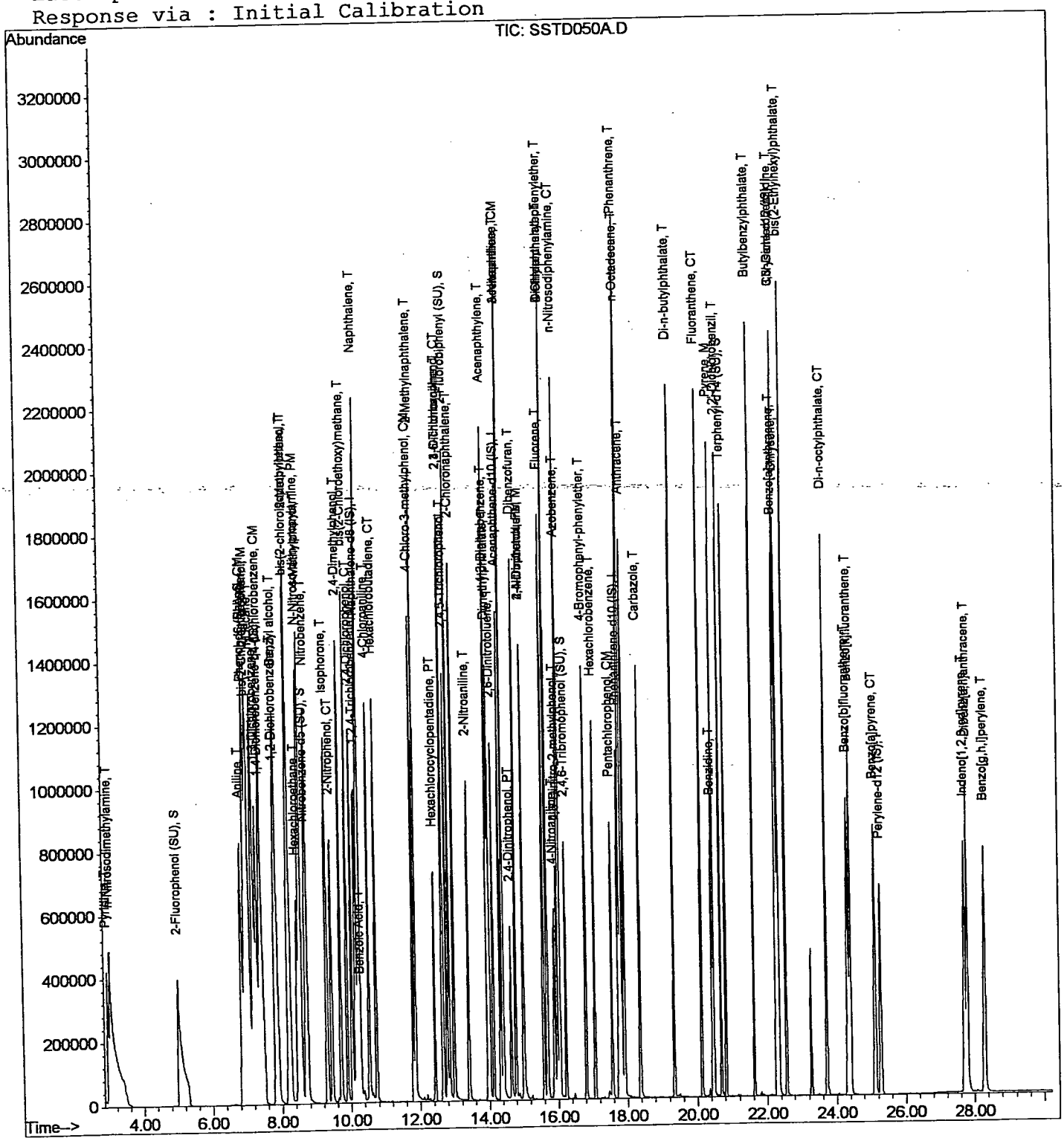
Quantitation Report

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

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

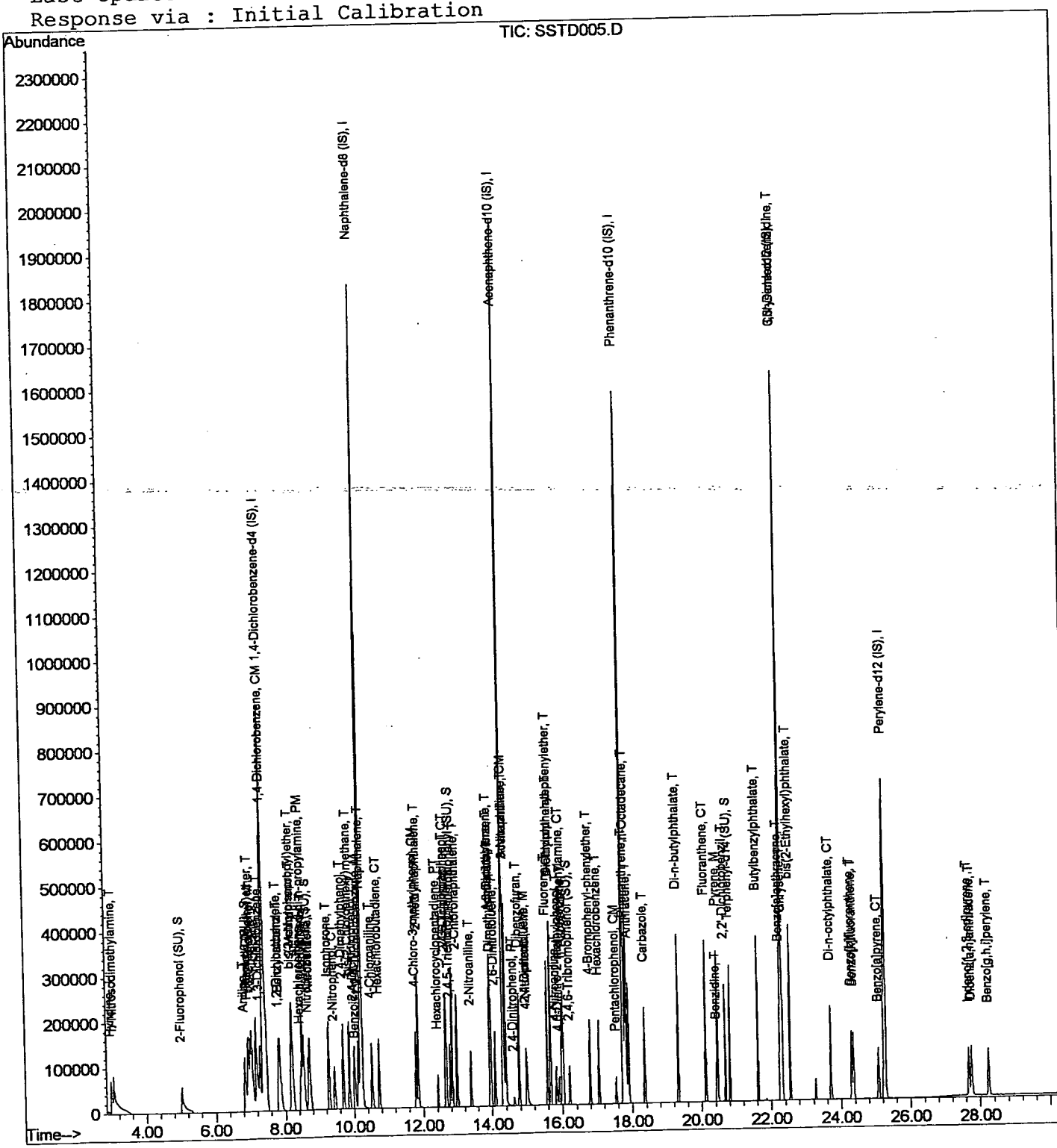
Quantitation Report

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

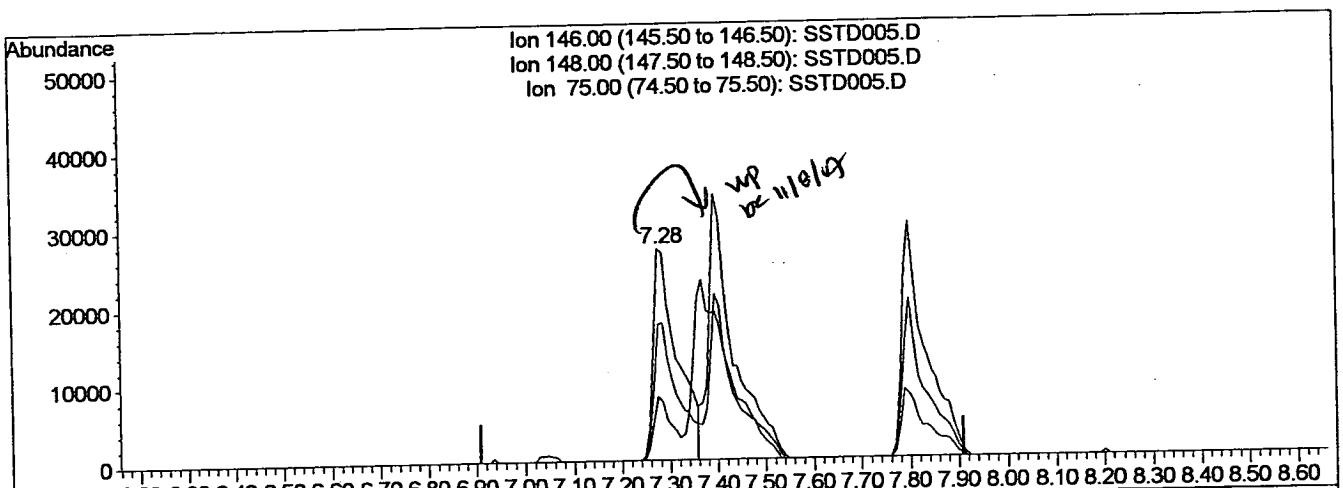


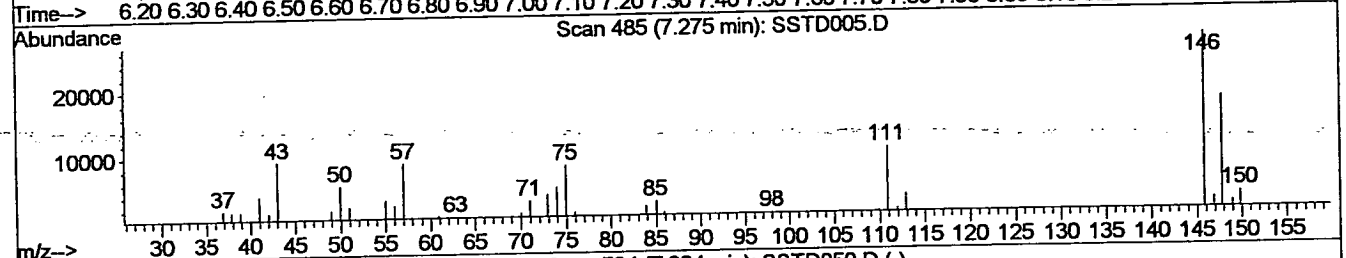
Quantitation Report

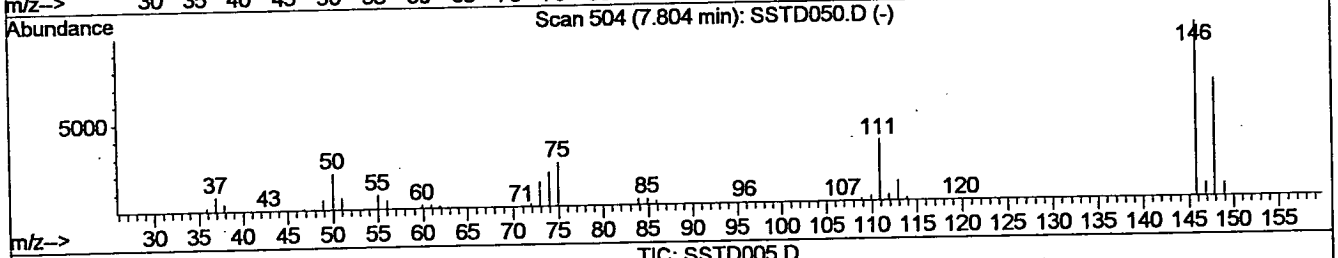
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:07:07 2007 Quant Method: H7K07SV.M

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

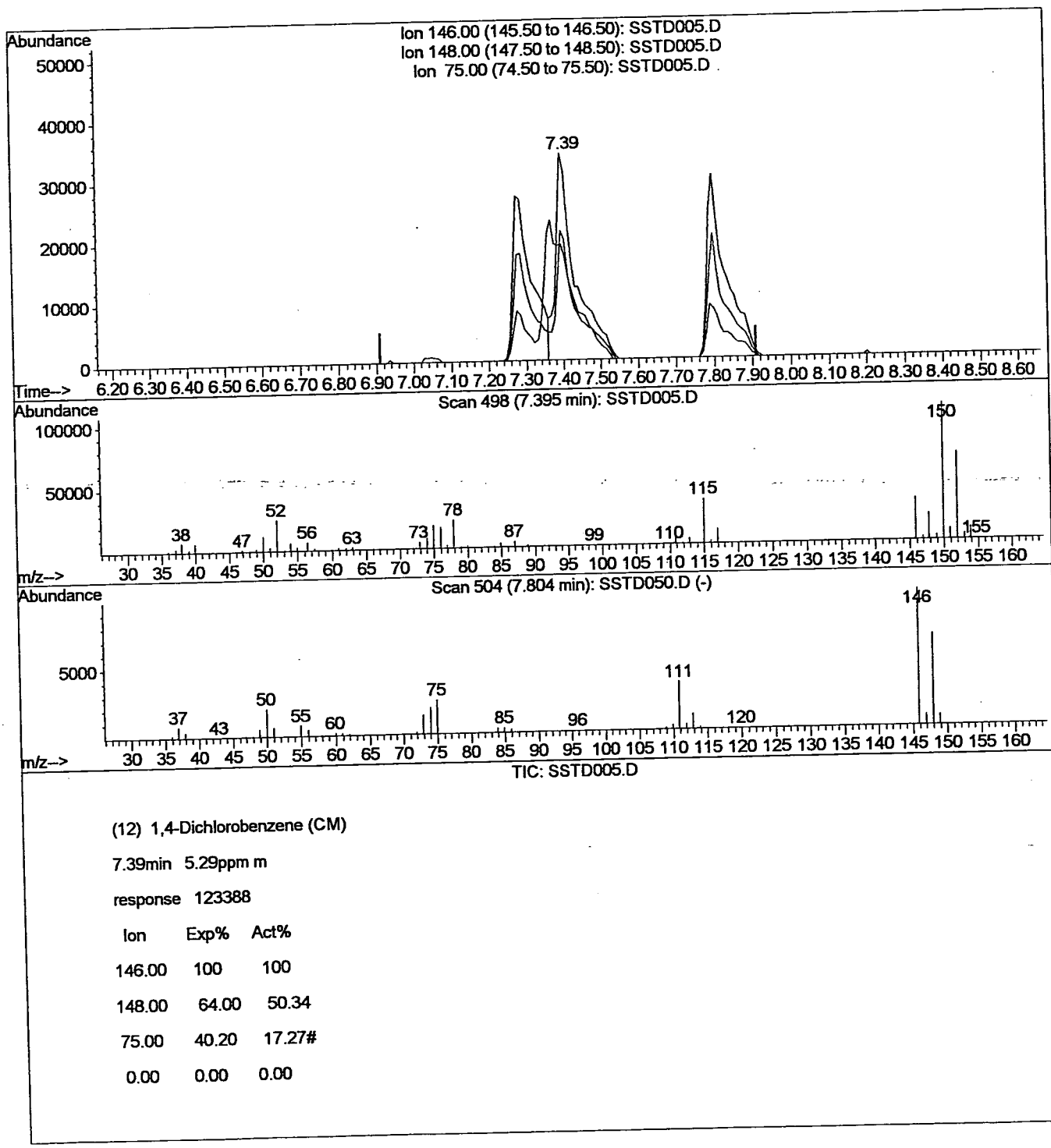
SSTD005.D H7K07SV.M Wed Nov 07 15:16:07 2007

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
Quant Time: Nov 7 15:15 2007 QT Editor: 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



(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

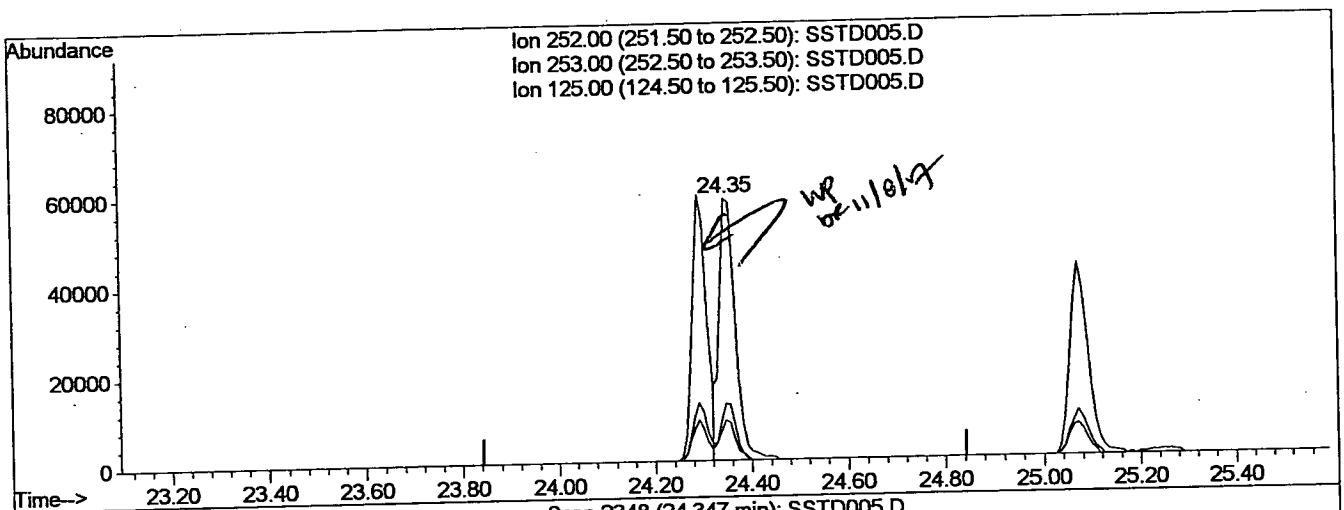
SSTD005.D H7K07SV.M Wed Nov 07 15:16:12 2007

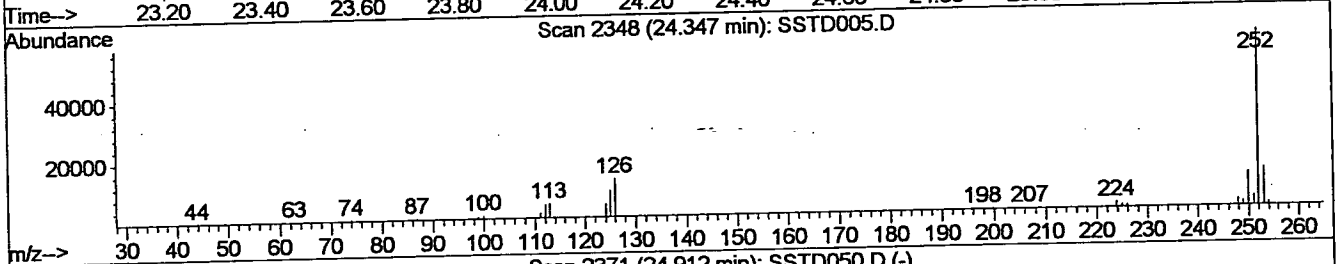
Quantitation Report

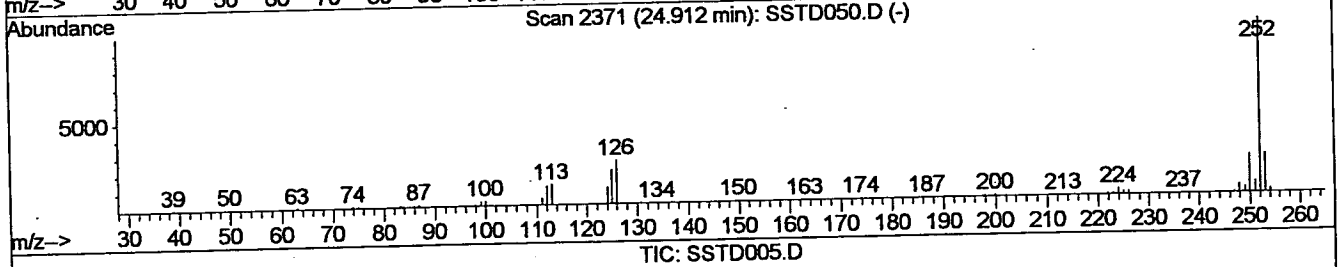
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
MS Integration Params: RTE 7NOV07P

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

(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

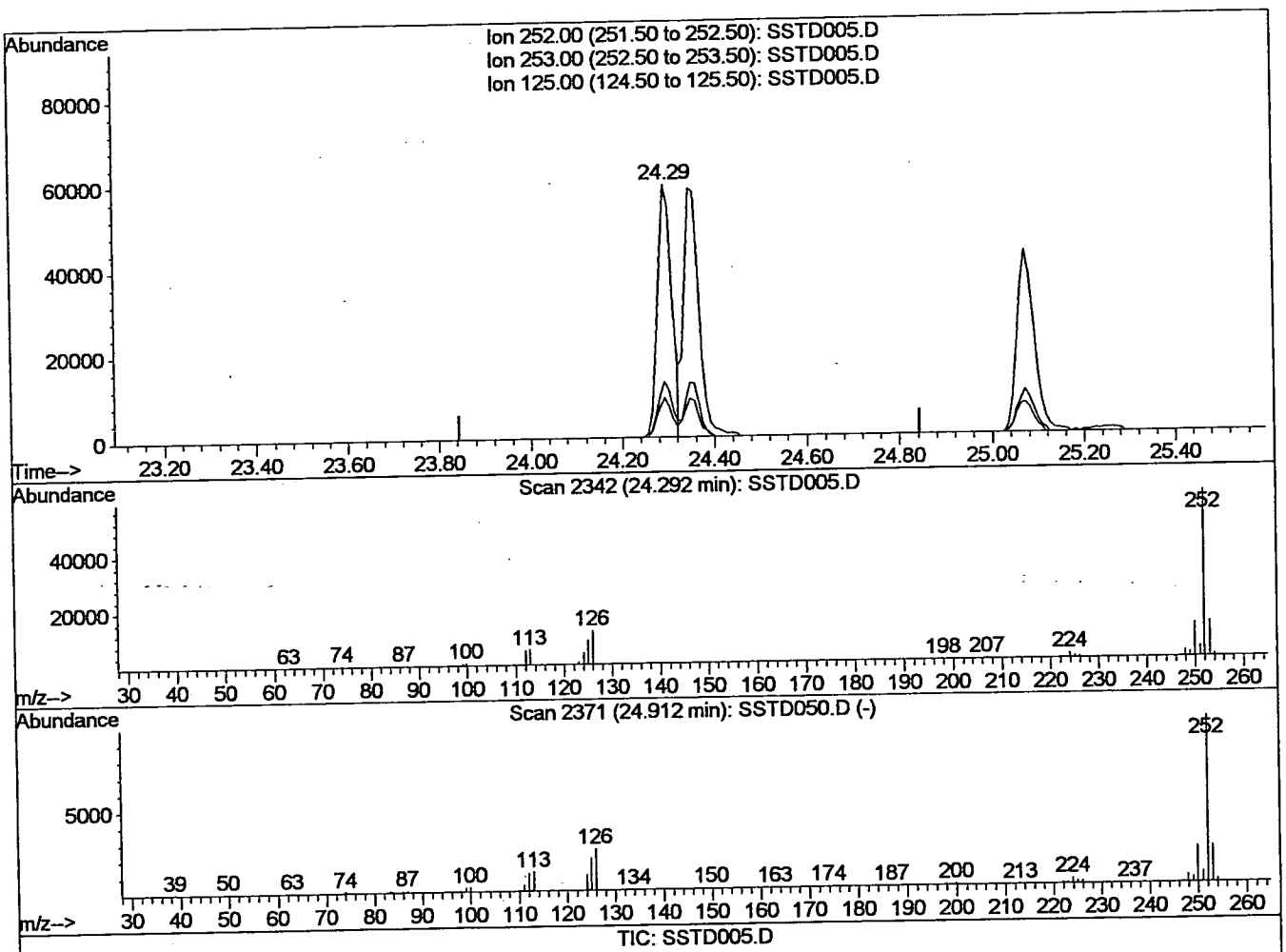
SSTD005.D H7K07SV.M Wed Nov 07 15:16:50 2007

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
Quant Method : C:\HPCHEM\1\METHODS\H7NOV07P.M (RTE Integrator)
Quant Time: Nov 7 15:16:56 2007 QuantitationType: RTE

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

SSTD005.D H7K07SV.M Wed Nov 07 15:16:56 2007

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

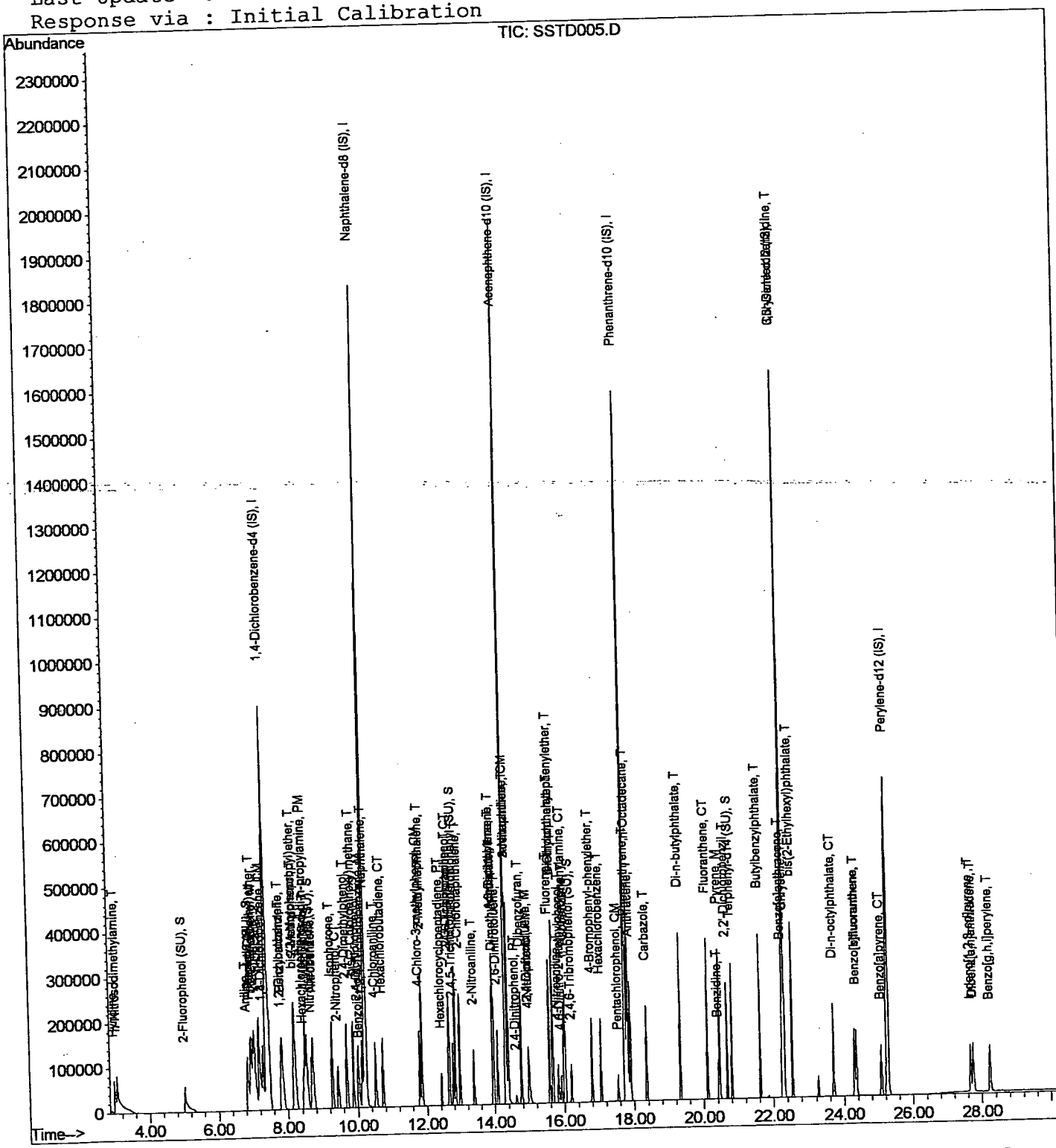
Quantitation Report

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

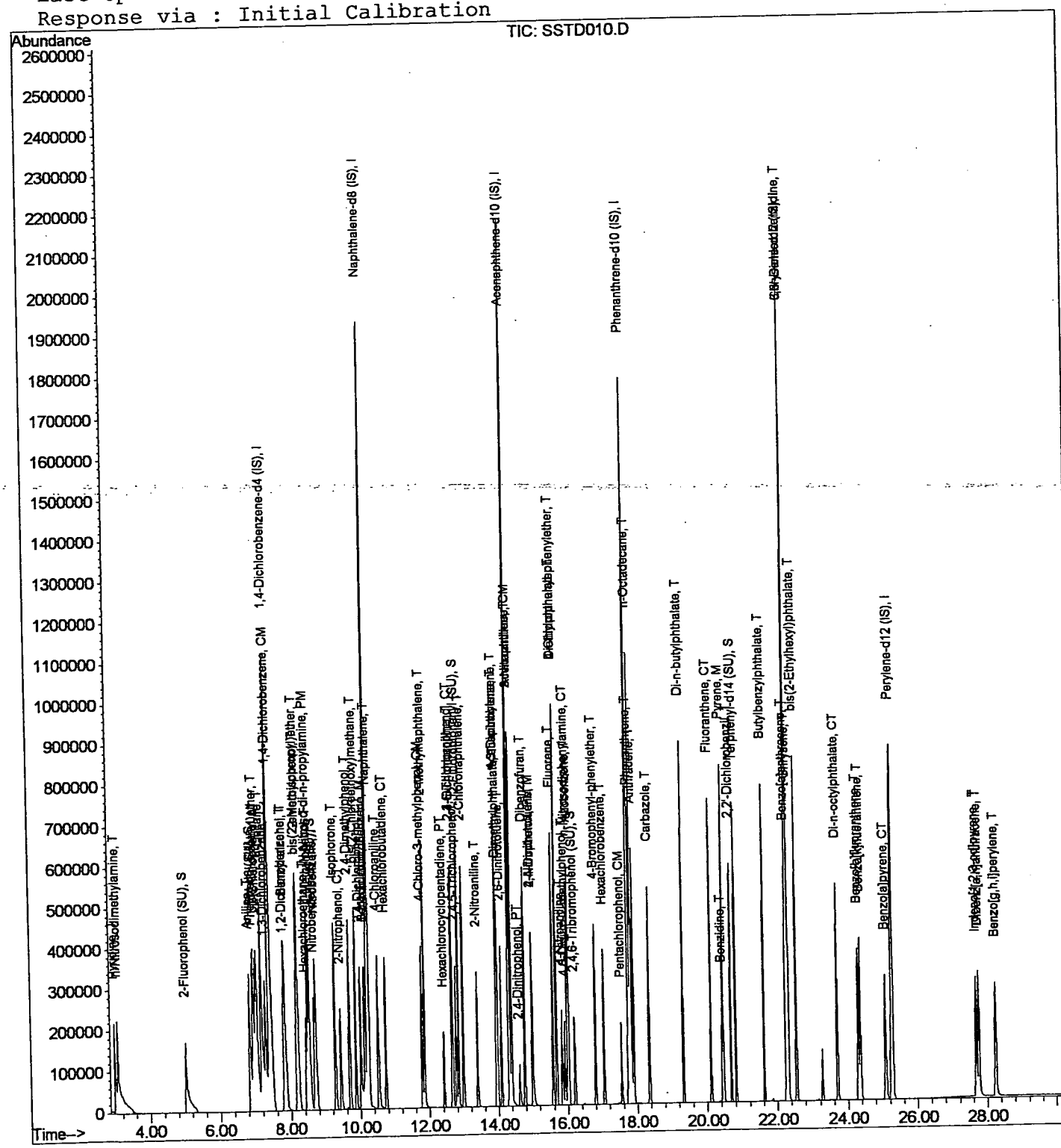
Quantitation Report

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

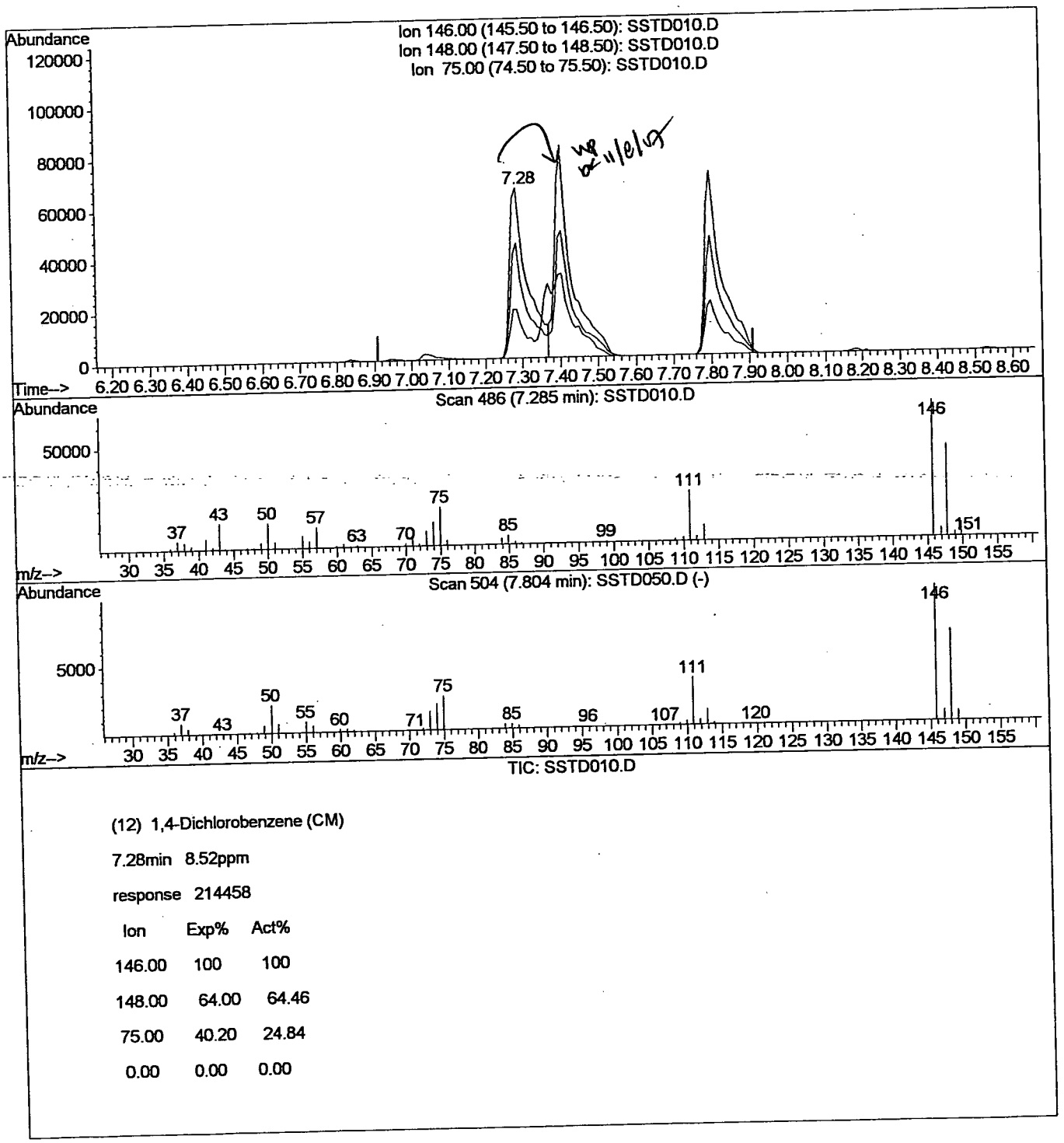


Quantitation Report

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: RTE2N07P

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

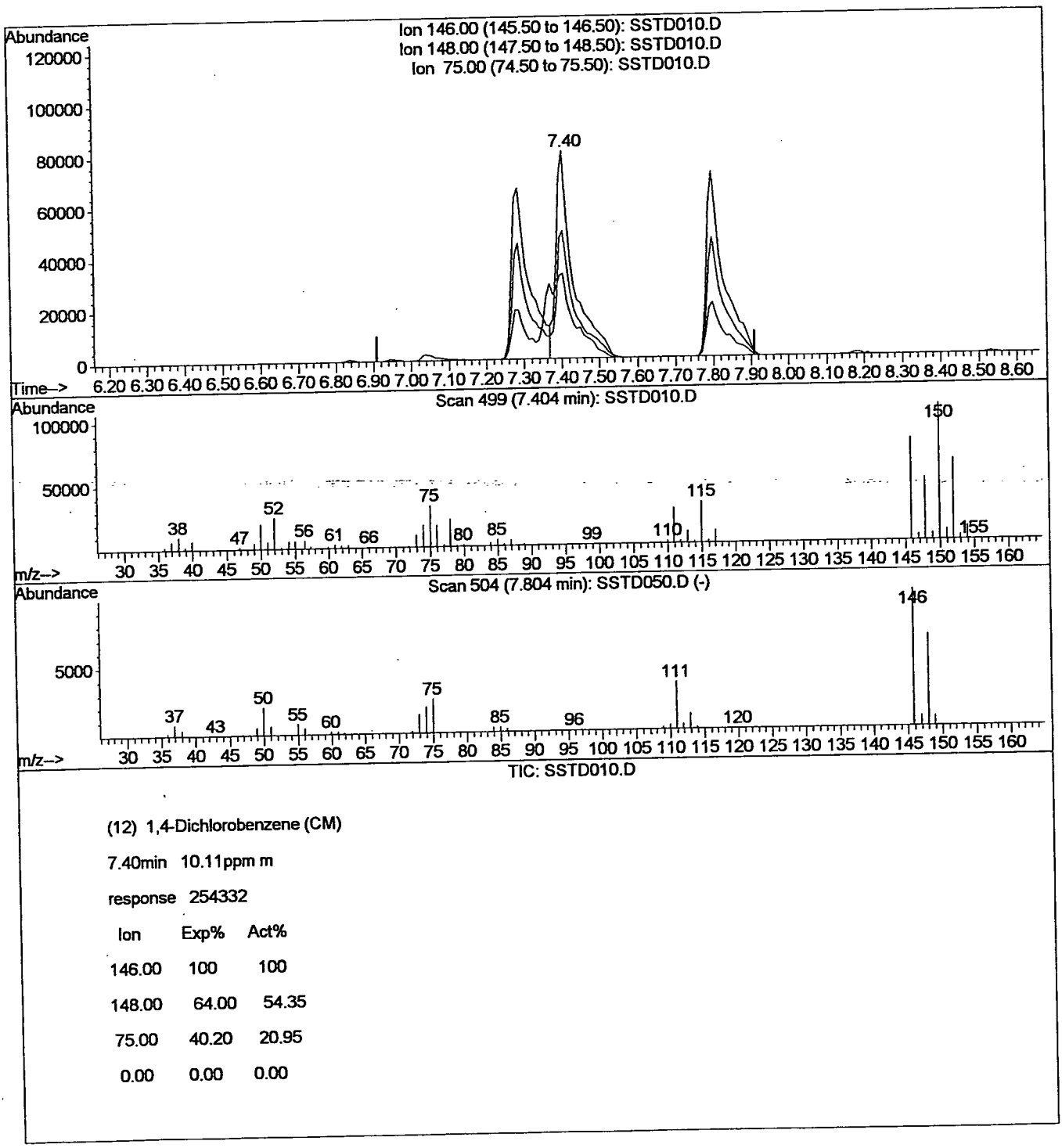
SSTD010.D H7K07SV.M Wed Nov 07 15:18:20 2007

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 15:18:24 2007 Quant Method: RTE2NV07P

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)

7.40min 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

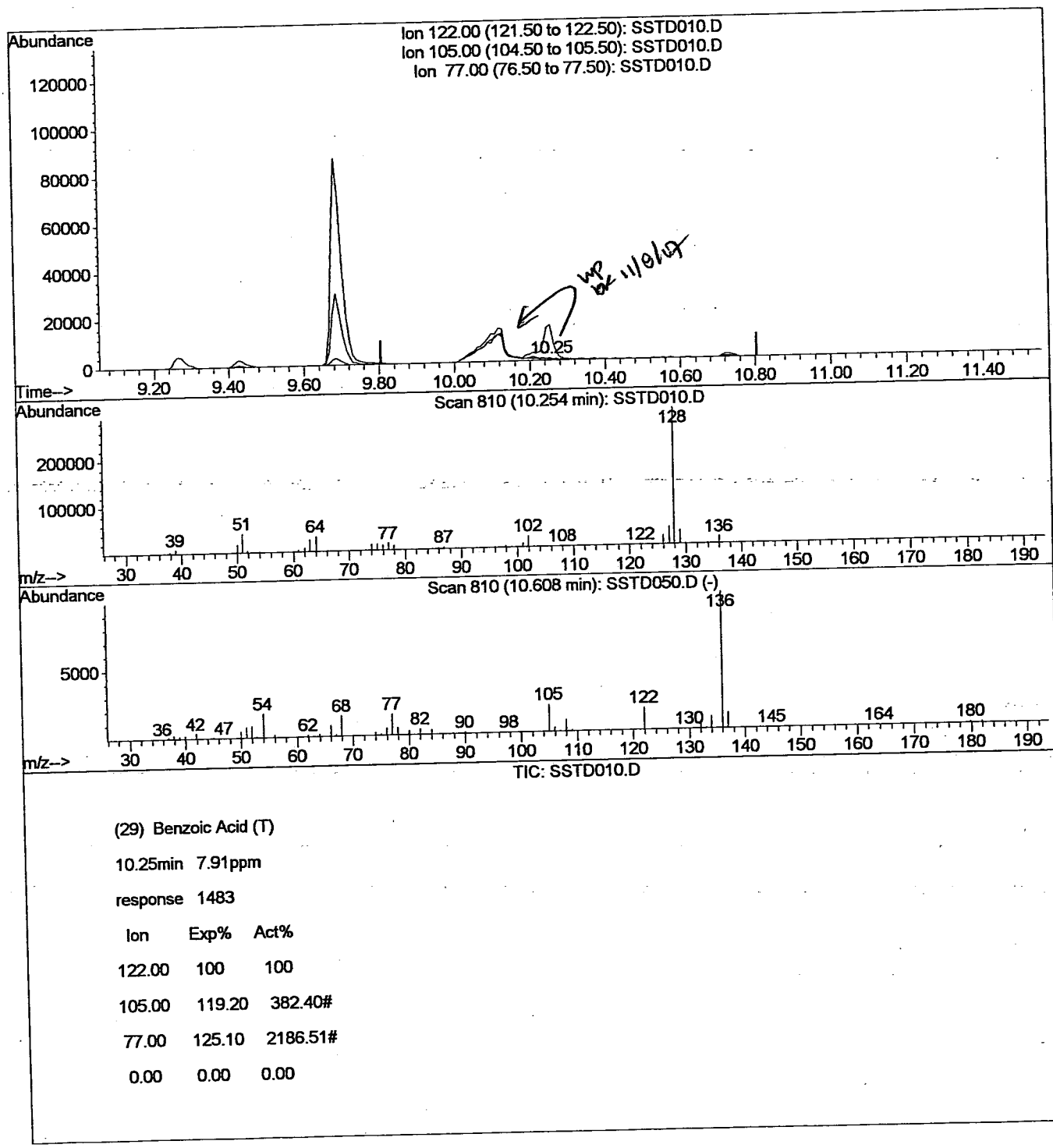
SSTD010.D H7K07SV.M Wed Nov 07 15:18:24 2007

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
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



(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

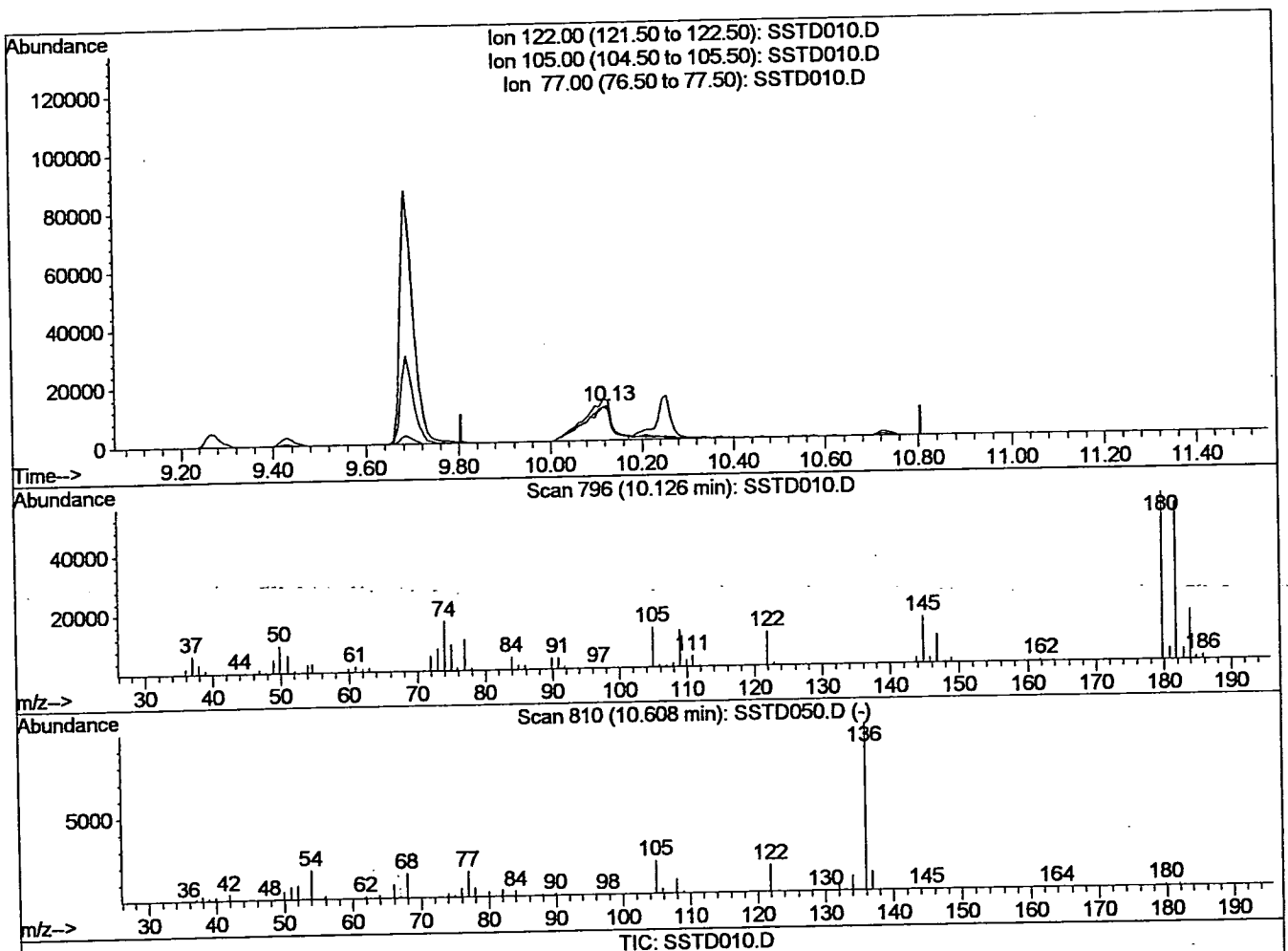
SSTD010.D H7K07SV.M Wed Nov 07 15:18:34 2007

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 15:18:07 2007
Quant Method: C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)

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

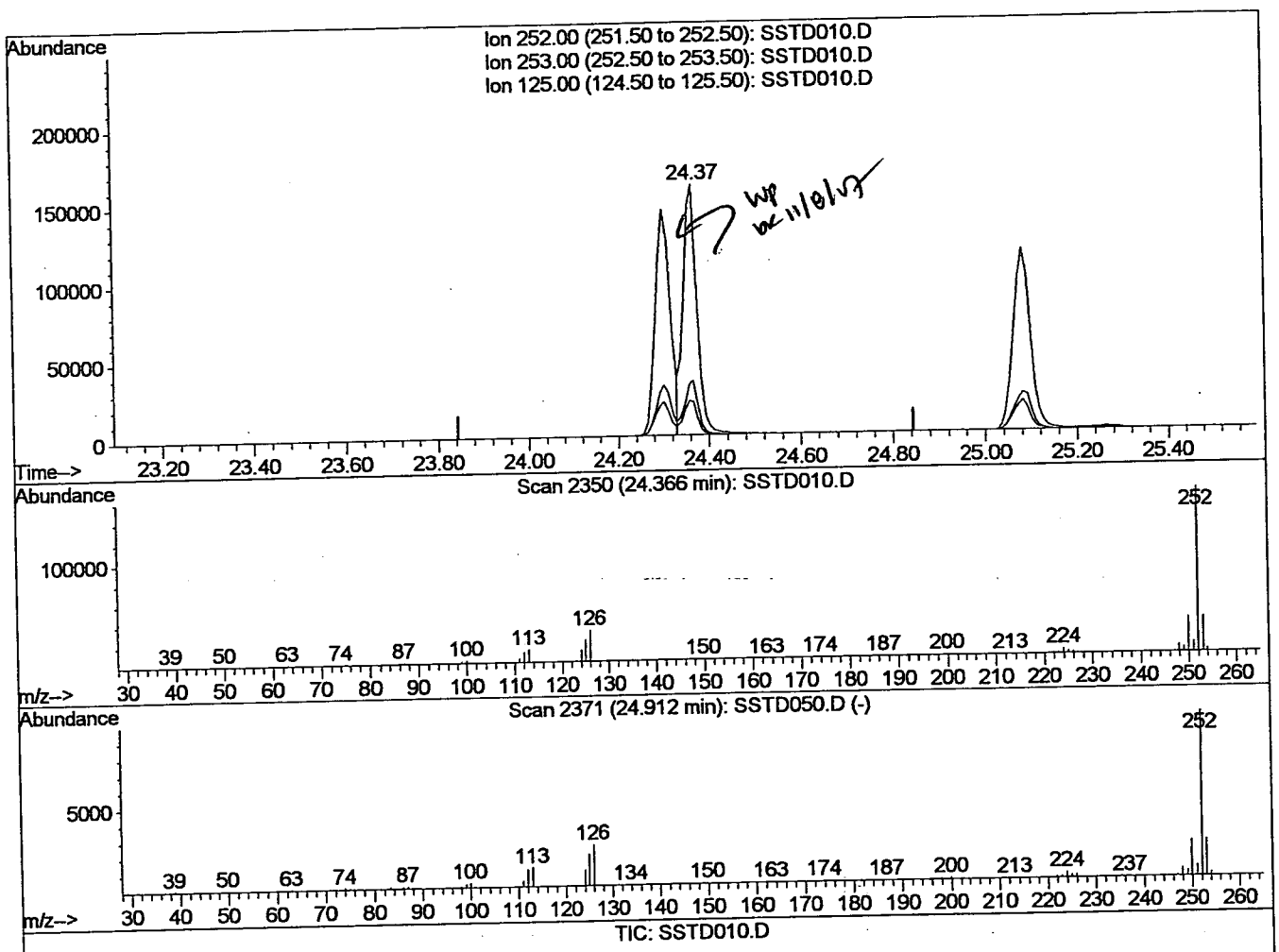
SSTD010.D H7K07SV.M Wed Nov 07 15:18:38 2007

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
[illegible]

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



(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

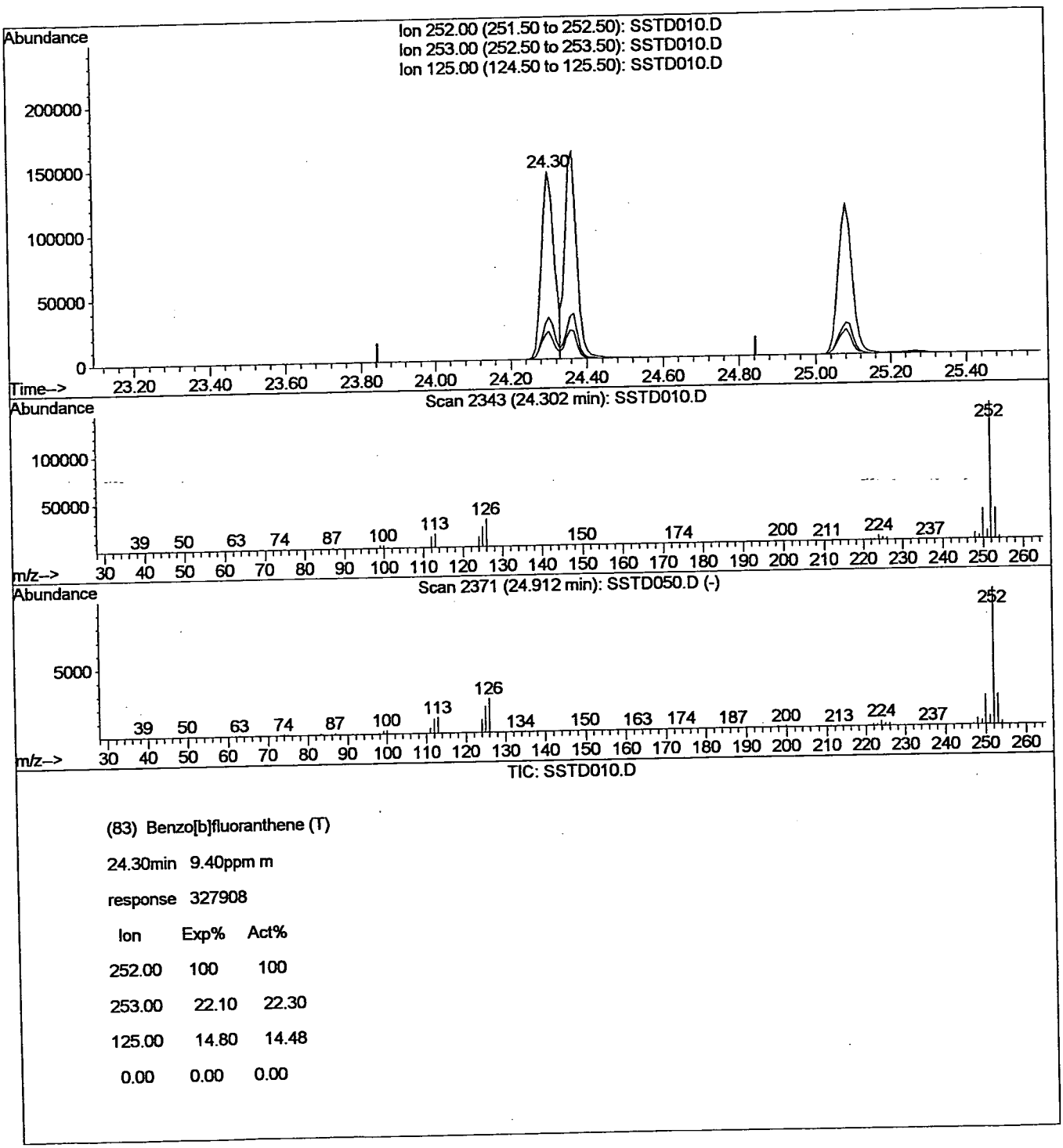
SSTD010.D H7K07SV.M Wed Nov 07 15:19:10 2007

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
Quant Method : C:\GCMS8\METHODS\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



(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
SSTD010.D H7K07SV.M Wed Nov 07 15:02:05 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

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
SSTD010.D H7K07SV.M Wed Nov 07 15:02:07 2007 Page 3

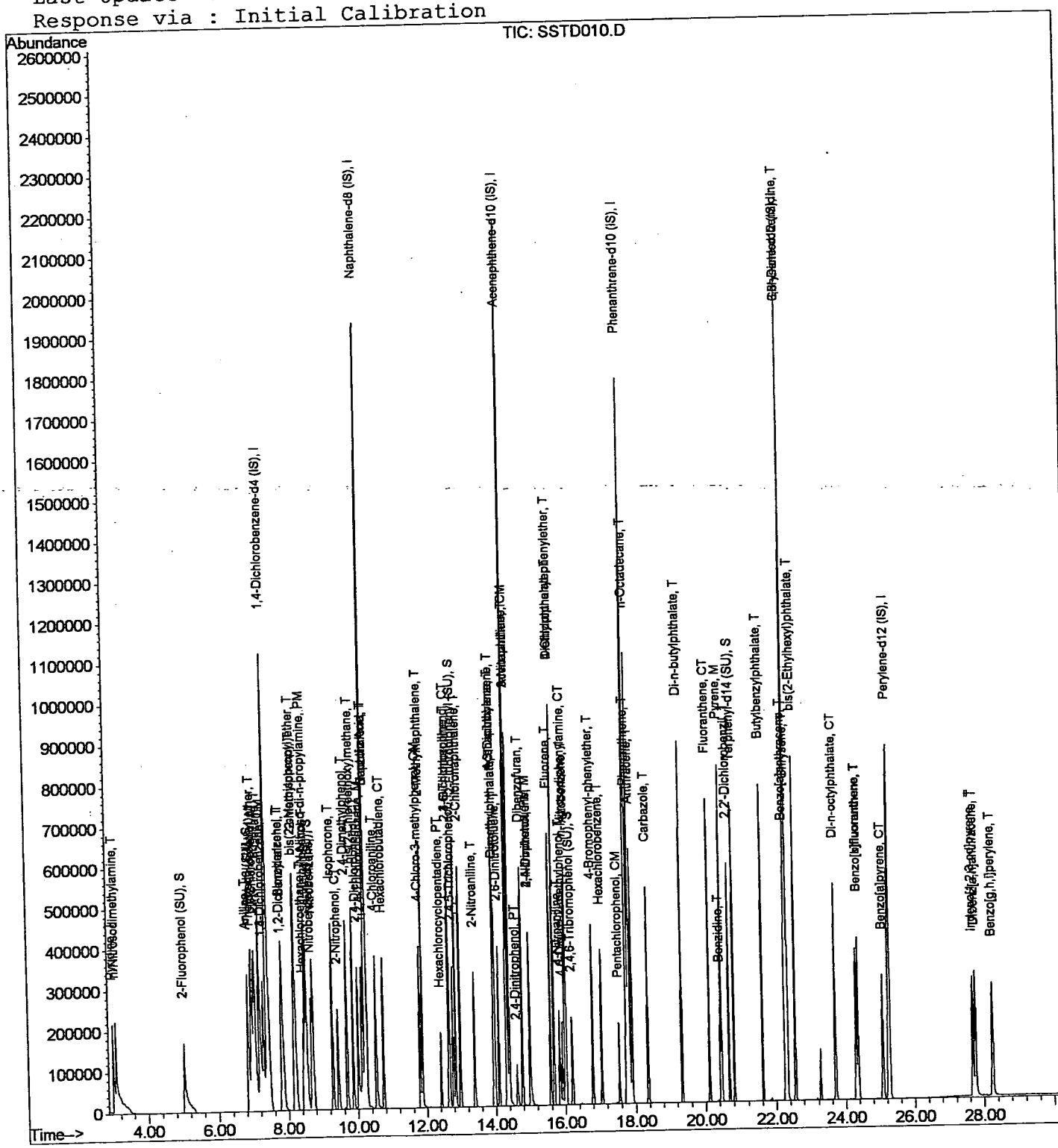
Quantitation Report

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)	12.87	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	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

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
SSTD080.D H7K07SV.M Wed Nov 07 15:22:04 2007 Page 3

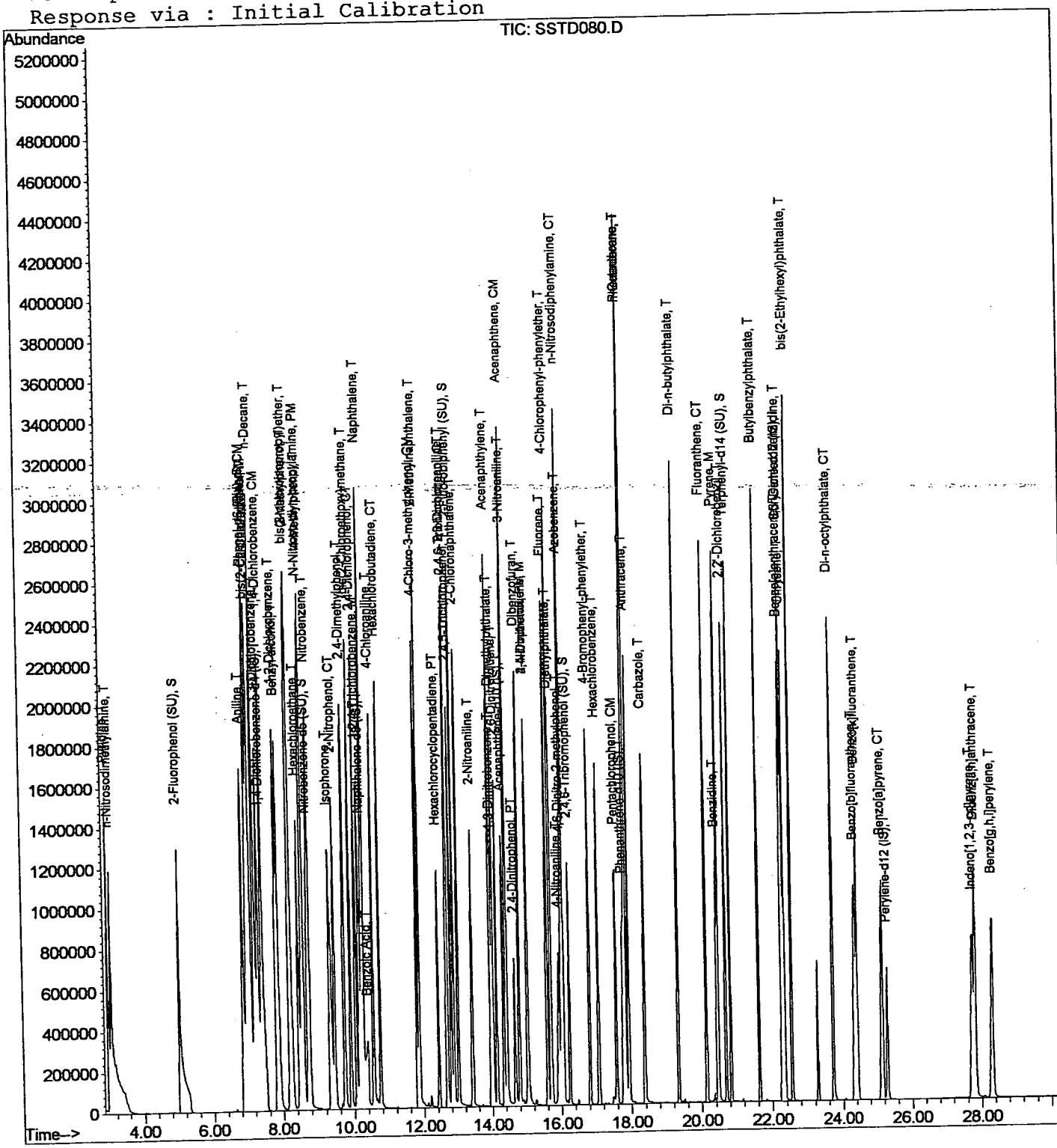
Quantitation Report

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

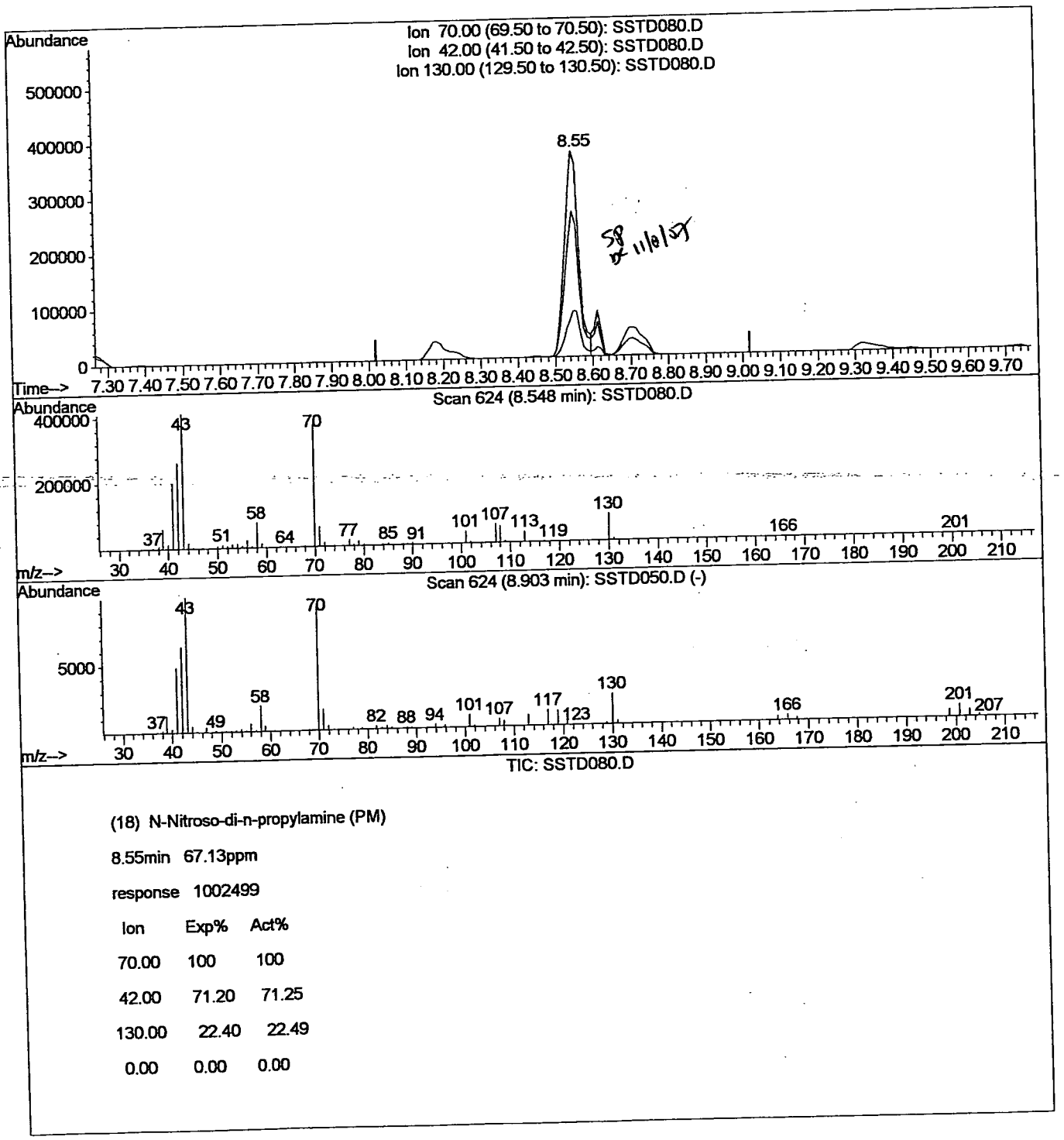


Quantitation Report

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
MS Integration Params: RTE 07NOV07P

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



(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

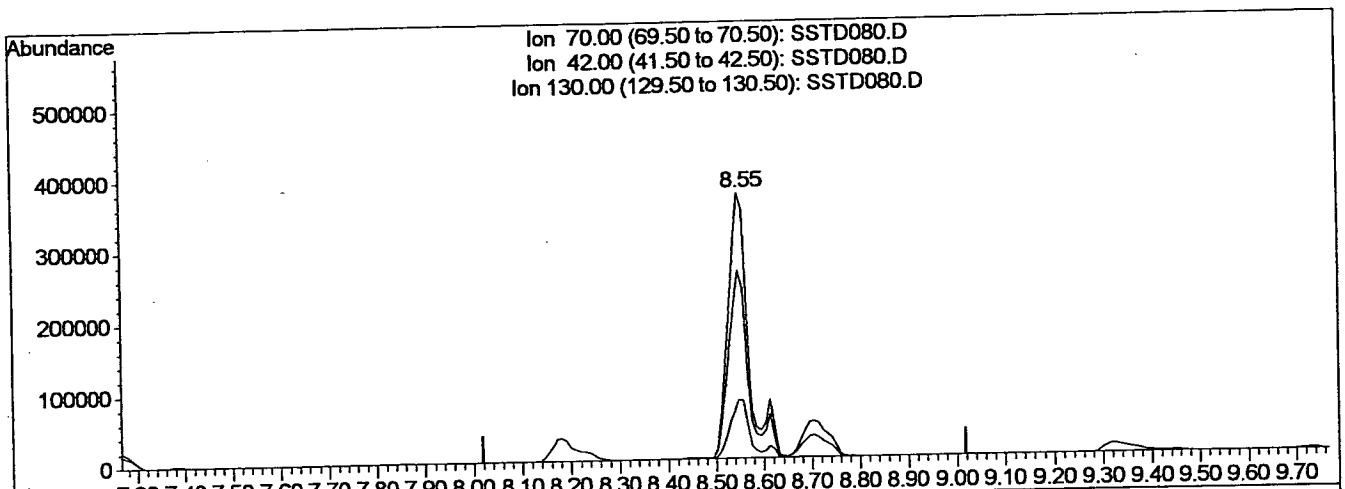
SSTD080.D H7K07SV.M Wed Nov 07 15:21:18 2007

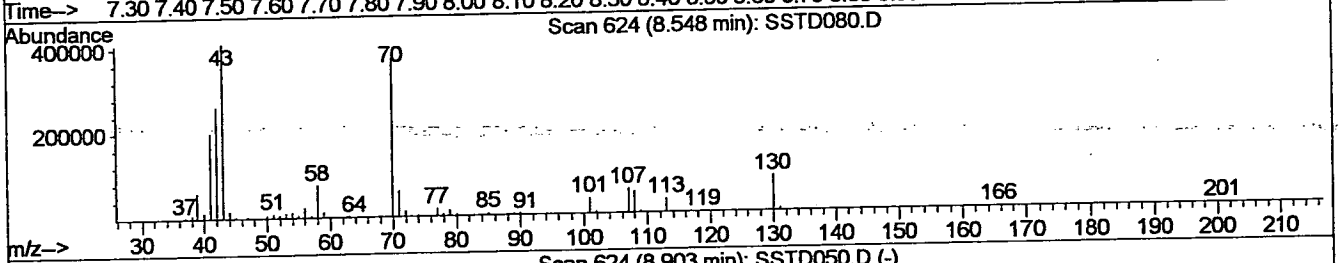
Quantitation Report

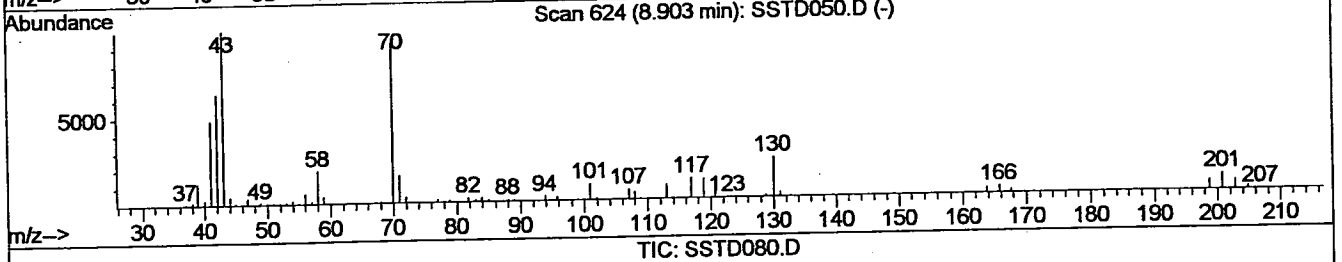
Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
Quant Time: Nov 7 15:21 2007 RTE Integrator
Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)

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

SSTD080.D H7K07SV.M Wed Nov 07 15:21:23 2007

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
SSTD080.D H7K07SV.M Wed Nov 07 15:20:53 2007 Page 3

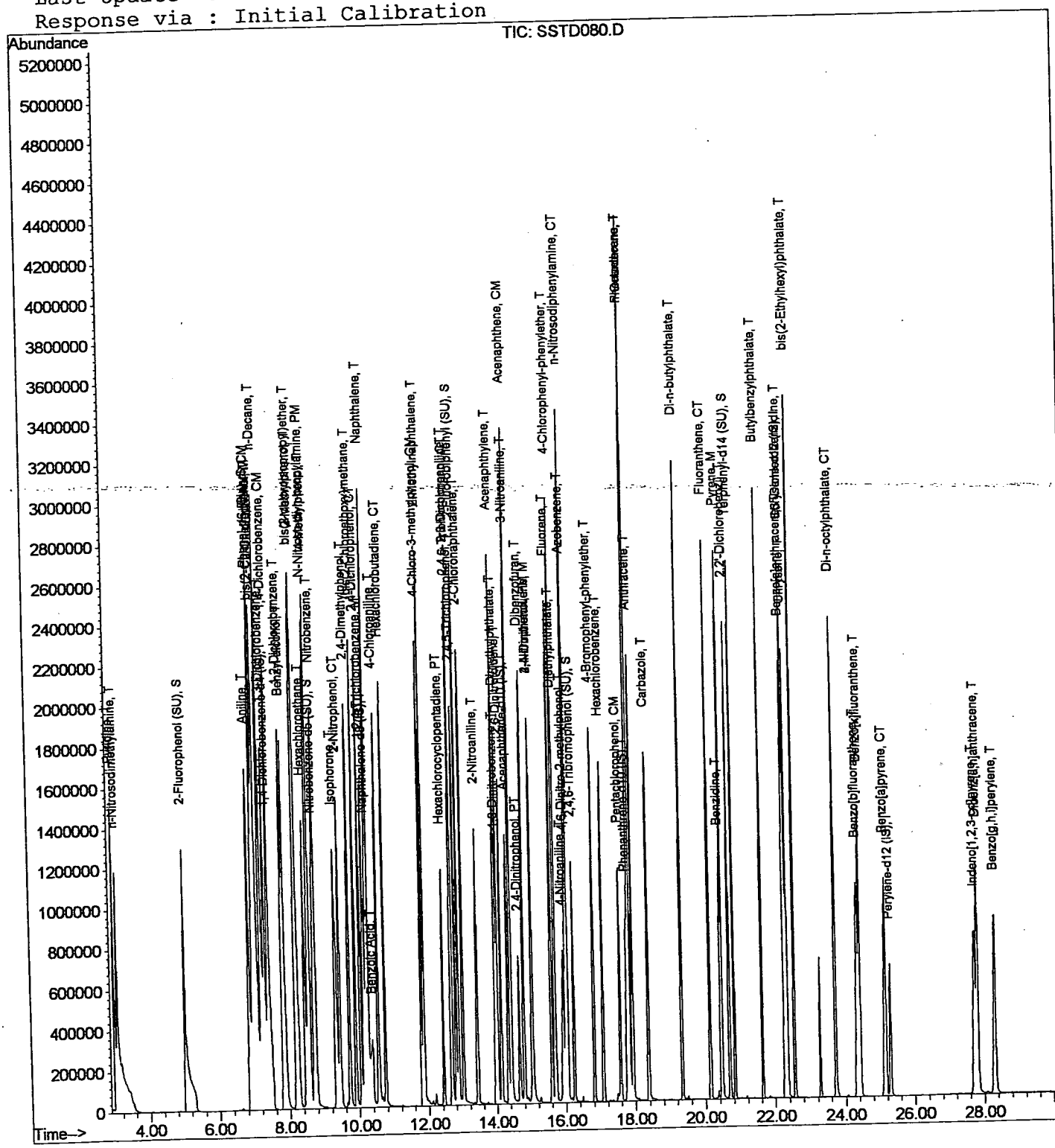
Quantitation Report

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

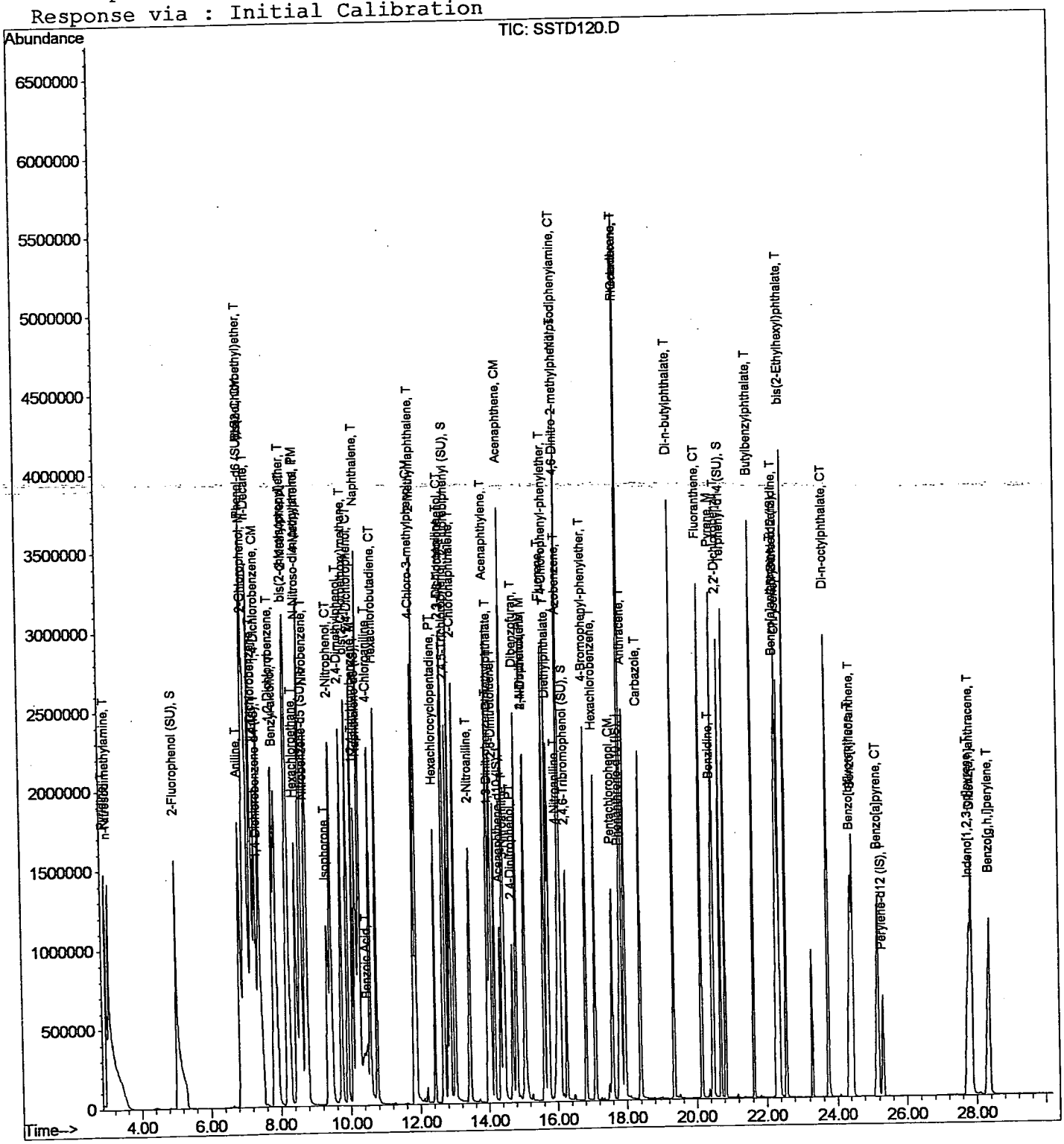
Quantitation Report

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

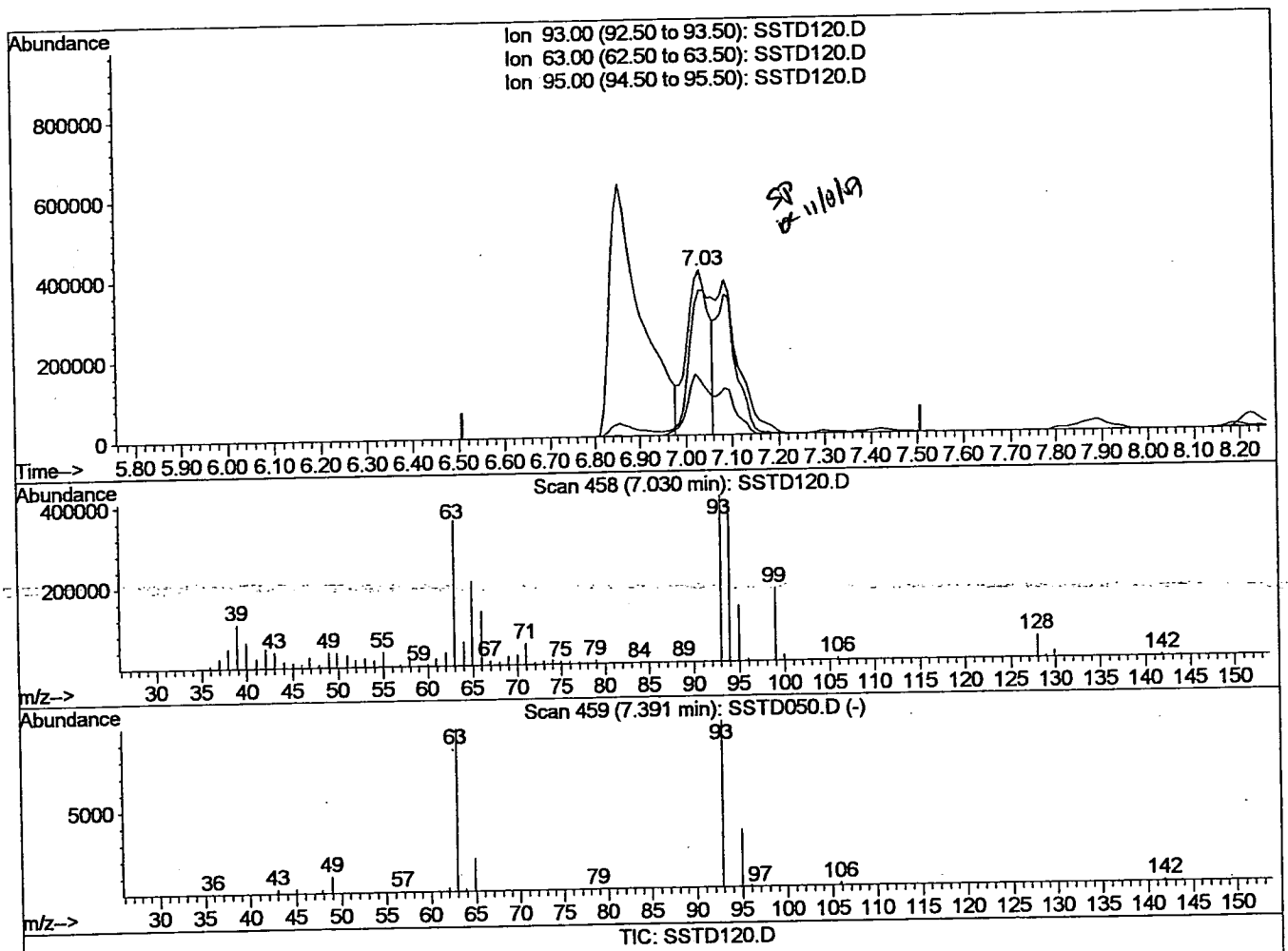


Quantitation Report

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
Quant Time: Nov 7 15:58 2007 QuantMethod: RTE

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 74.53ppm

response 1406537

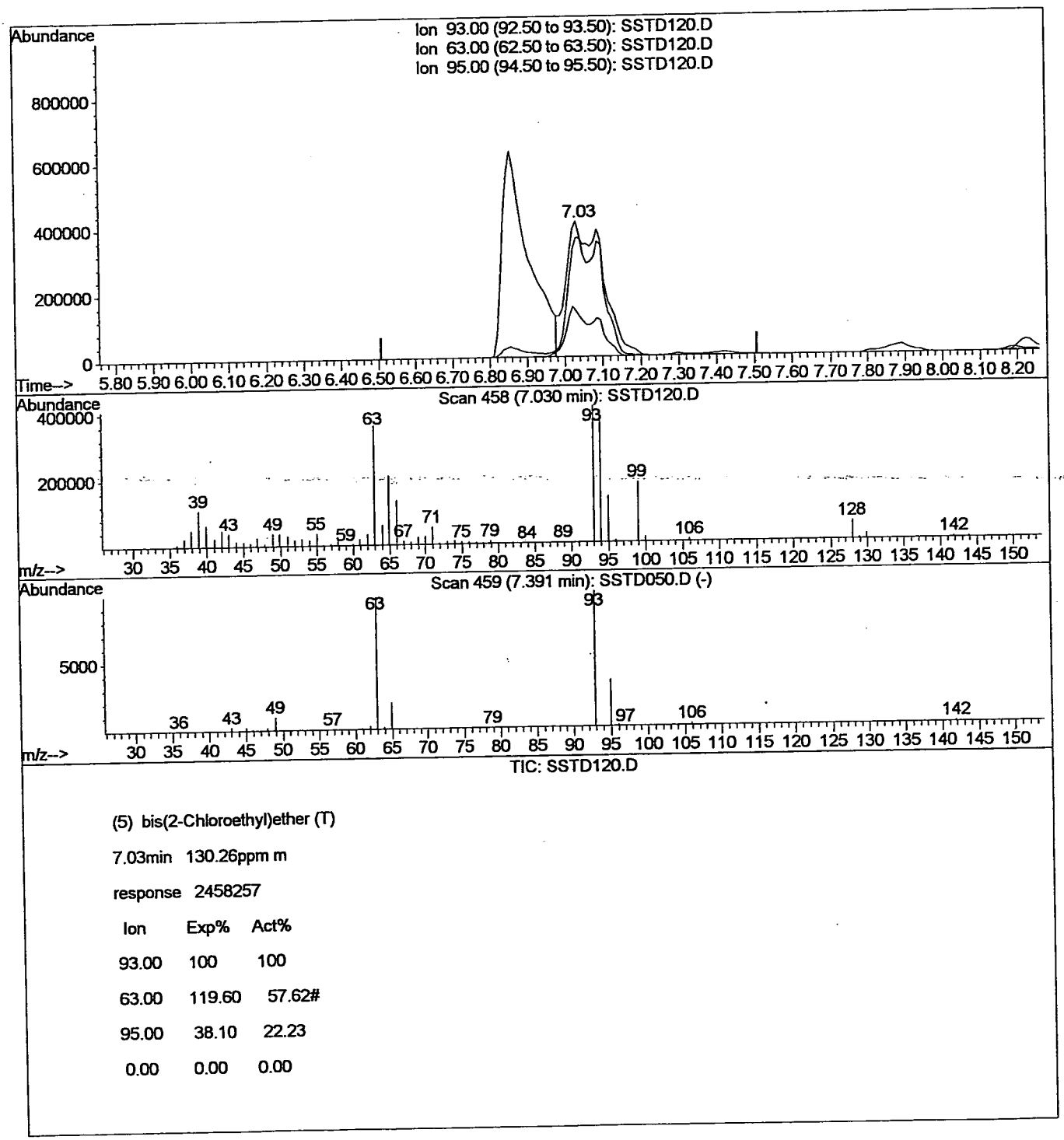
Ion	Exp%	Act%
93.00	100	100
63.00	119.60	100.71
95.00	38.10	38.85
0.00	0.00	0.00

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
Quant Method : C:\GCMS8\METHODS\H7K07SV.M (RTE Integrator)
Quant Title : 625/8270 Calibration
QLast 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



(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

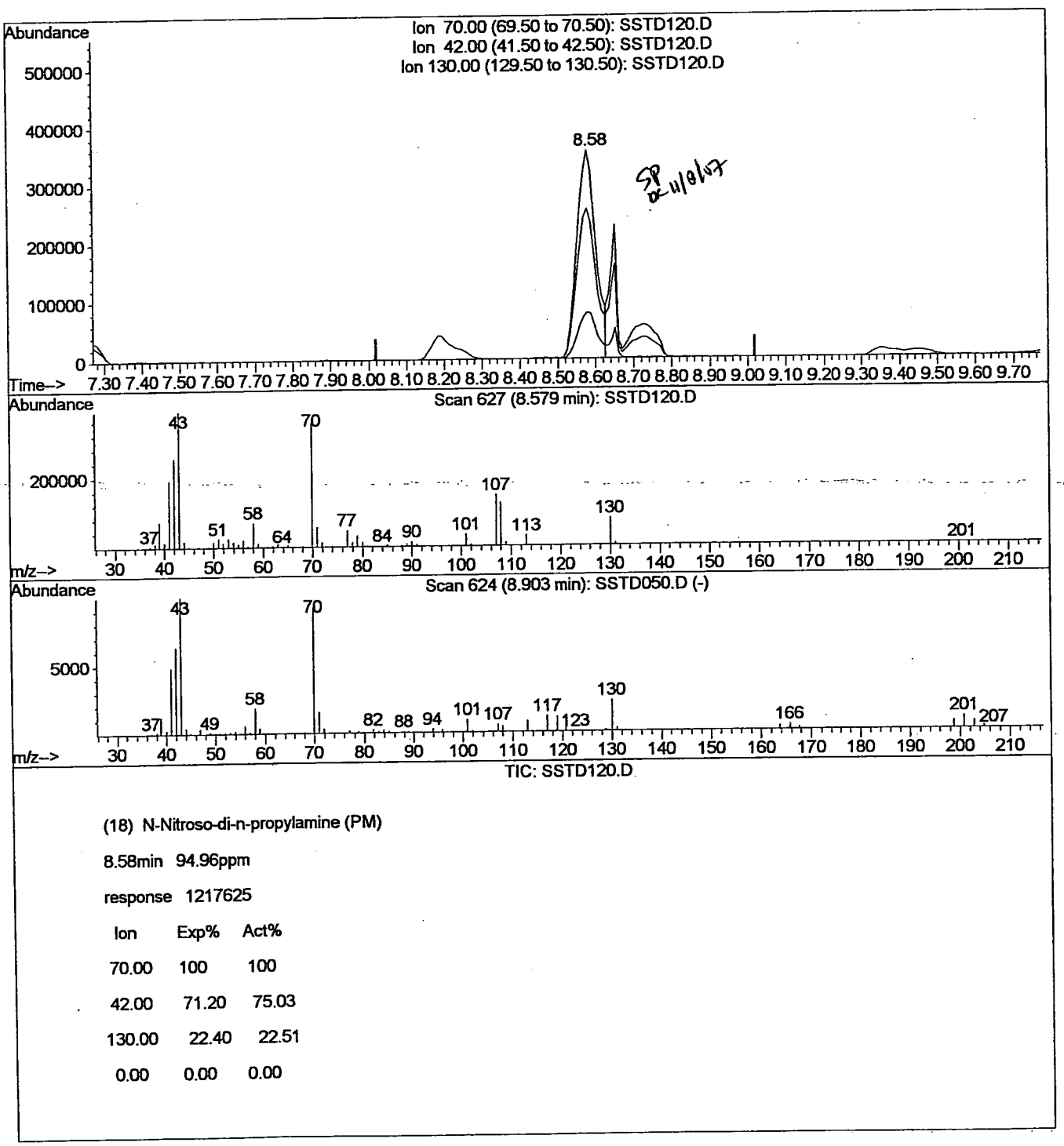
SSTD120.D H7K07SV.M Wed Nov 07 17:09:06 2007

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\DATA\07NOV07\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

(18) N-Nitroso-di-n-propylamine (PM)

8.58min 94.96ppm

response 1217625

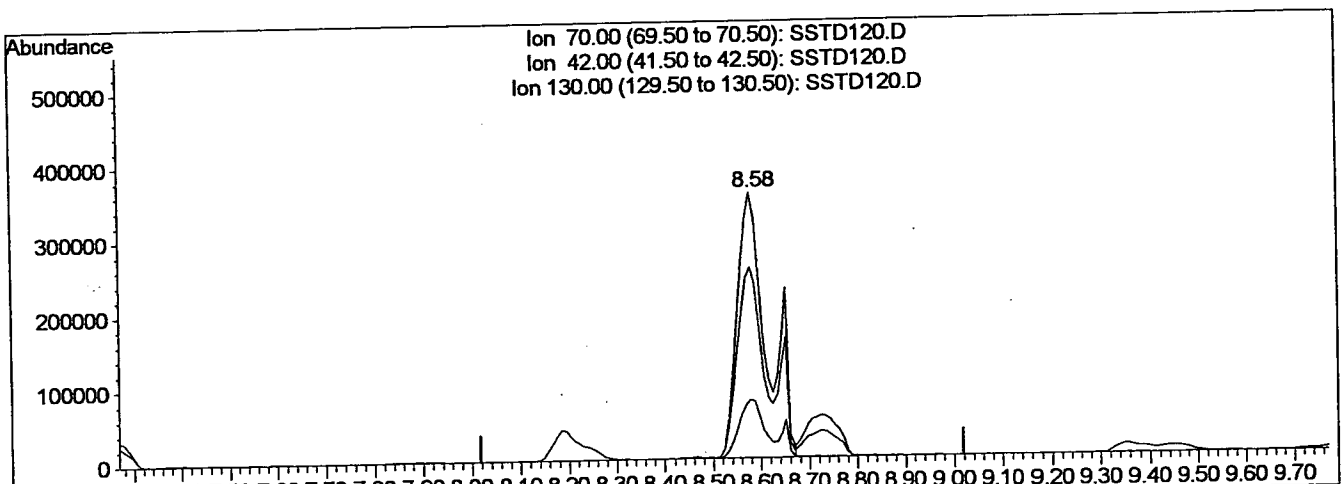
Ion	Exp%	Act%
70.00	100	100
42.00	71.20	75.03
130.00	22.40	22.51
0.00	0.00	0.00

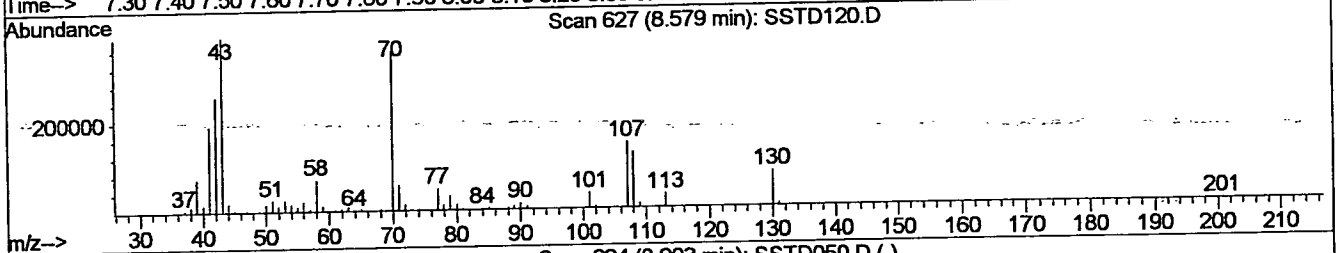
Quantitation Report

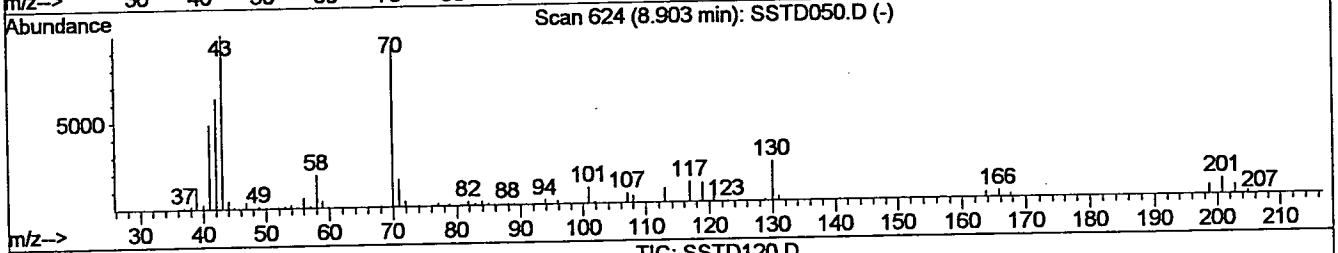
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE7NOV07P

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

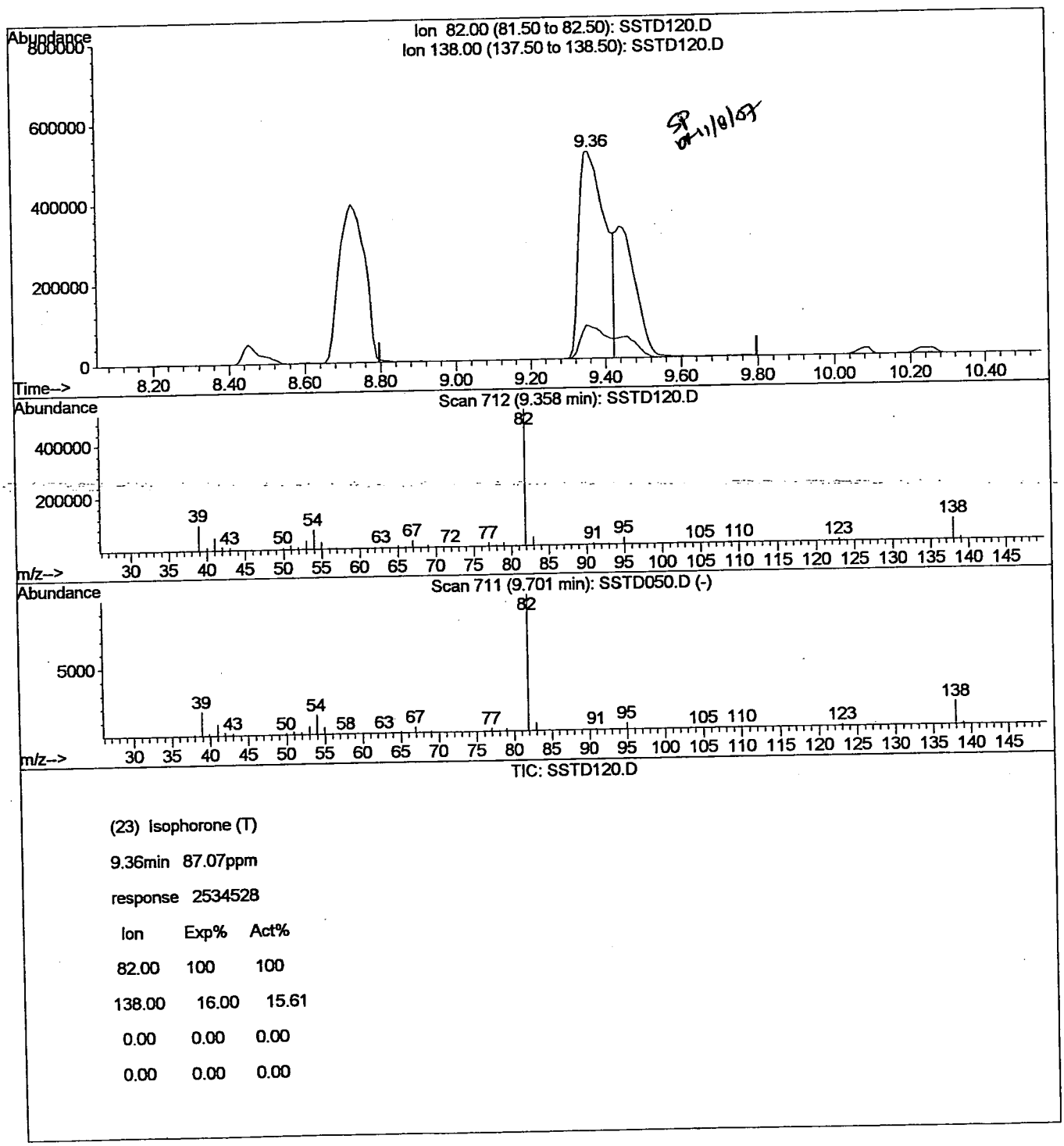
SSTD120.D H7K07SV.M Wed Nov 07 17:09:31 2007

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\H7NOVPAH3:07RTE.M

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



(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

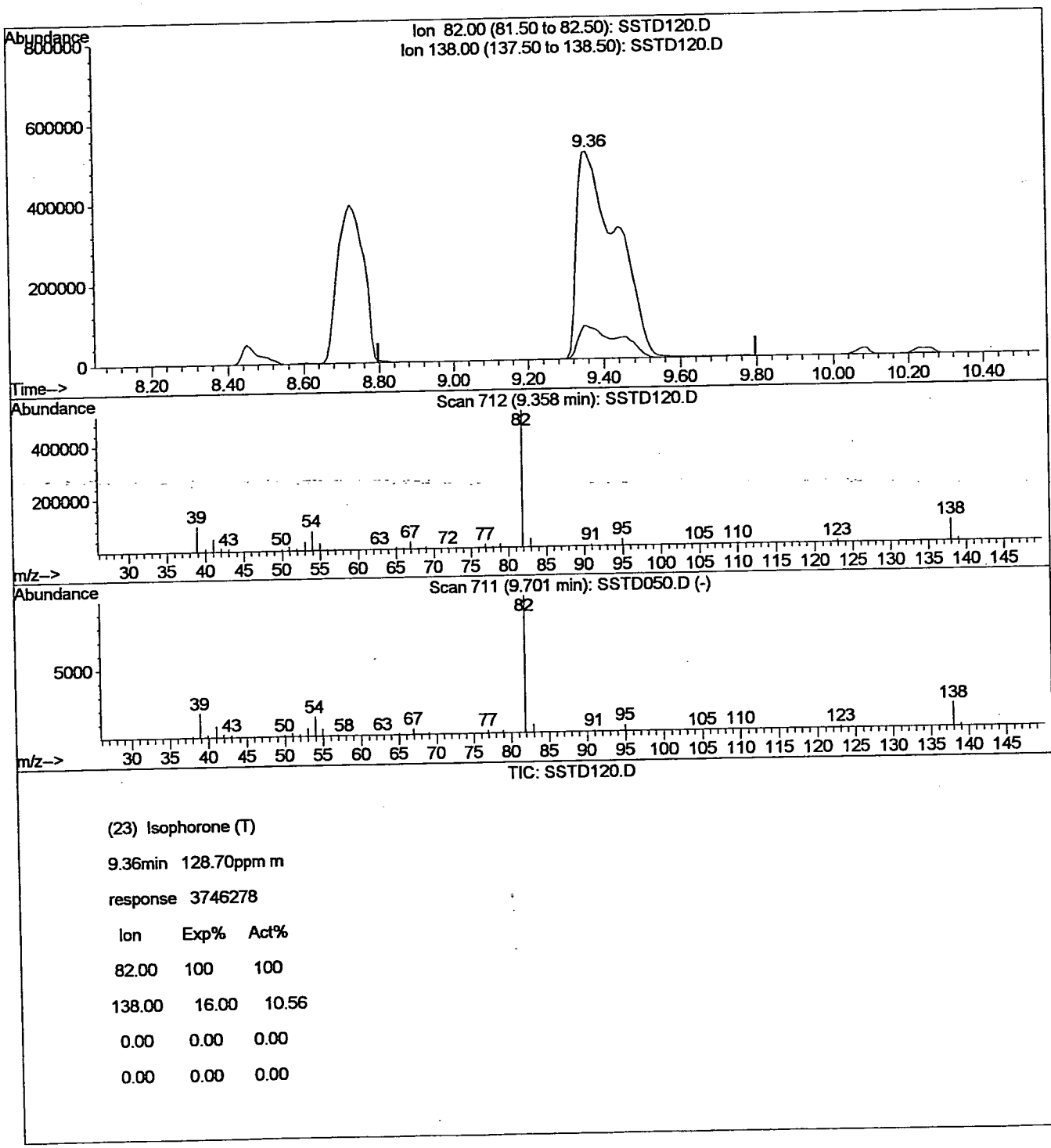
SSTD120.D H7K07SV.M Wed Nov 07 17:09:37 2007

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\H7NOV07P.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



(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

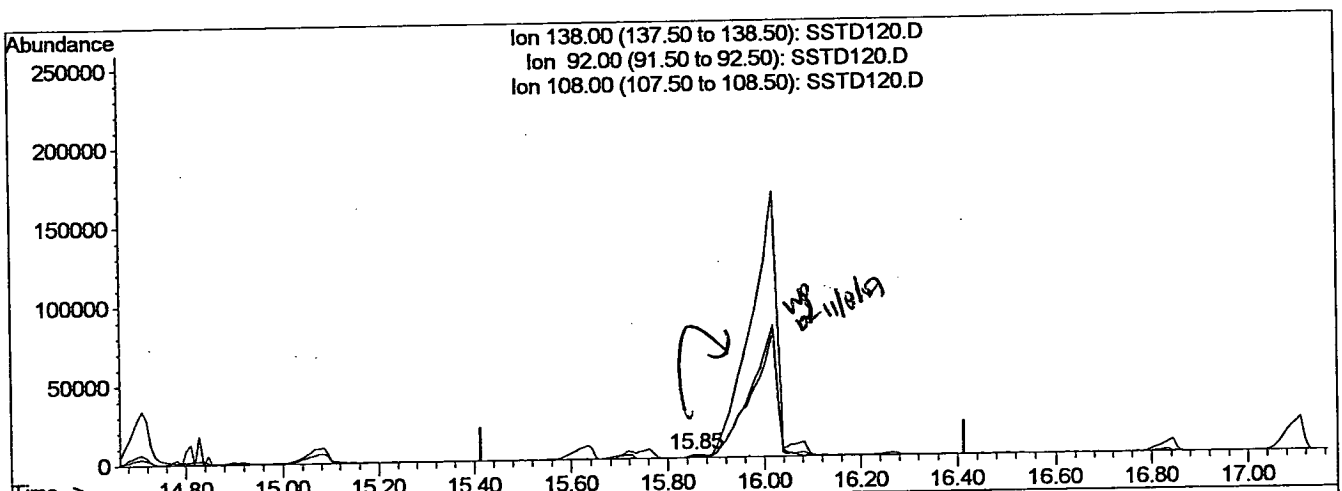
SSTD120.D H7K07SV.M Wed Nov 07 17:09:42 2007

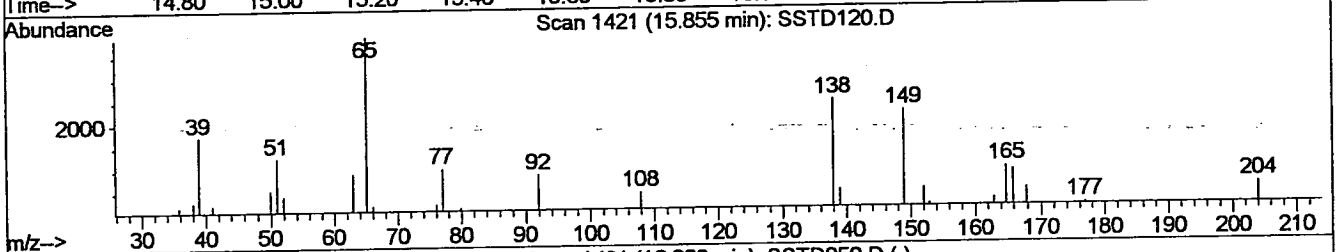
Quantitation Report

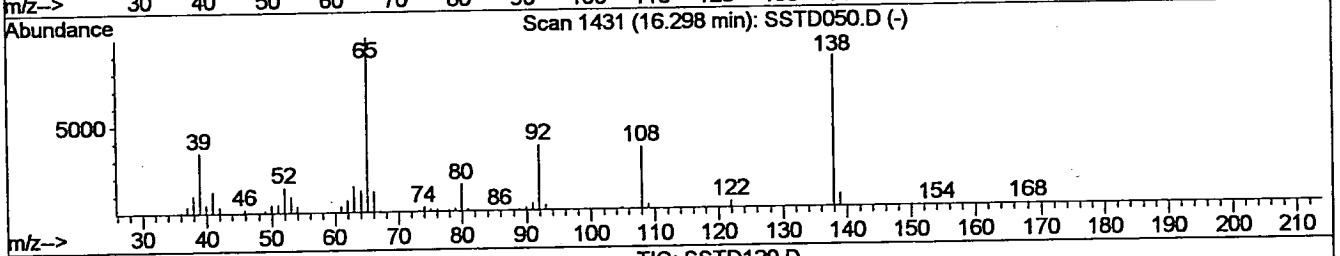
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
Quant Time: Nov 7 13:08 2007 QT Rev: 4.0

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

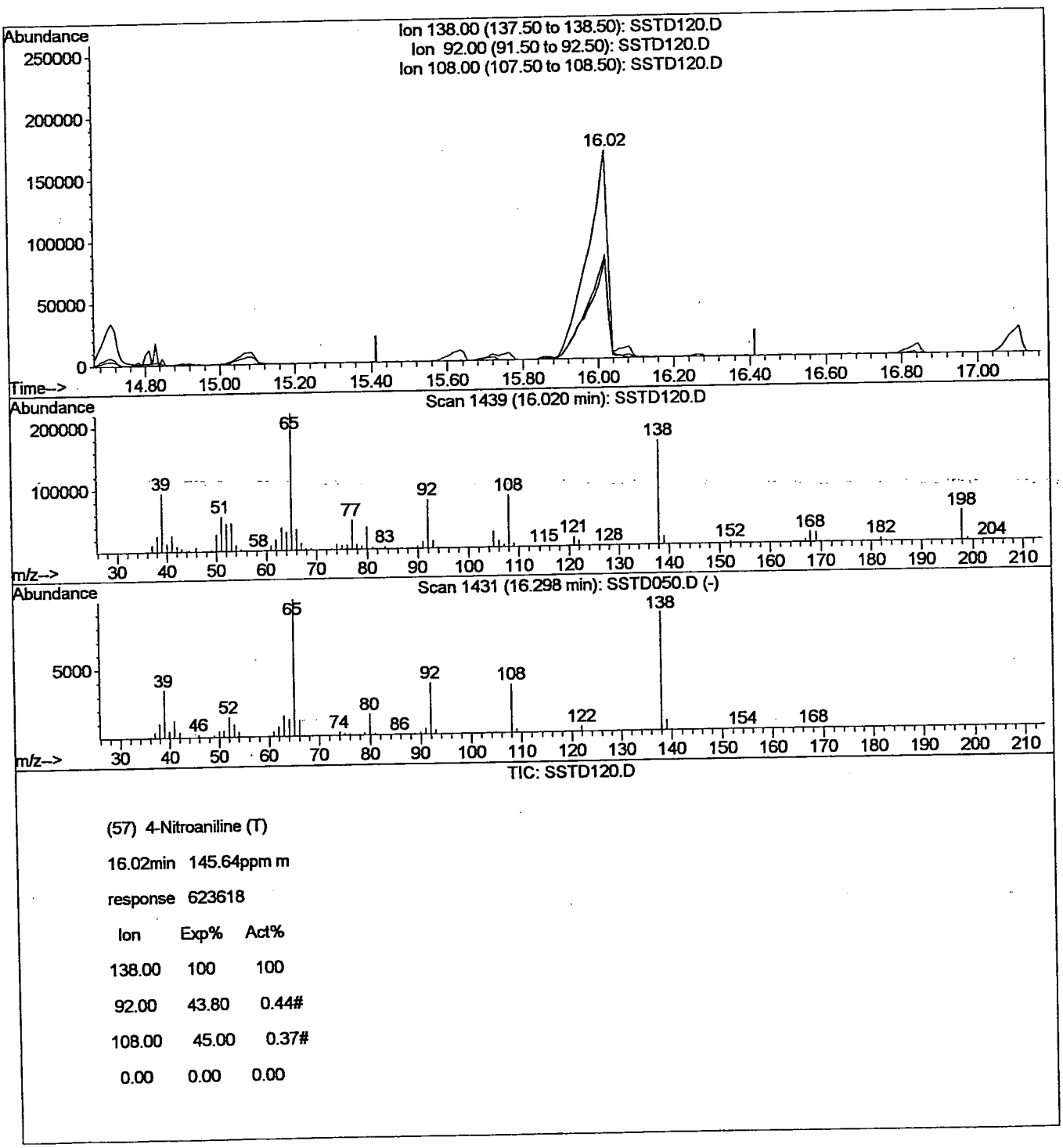
SSTD120.D H7K07SV.M Wed Nov 07 17:09:59 2007

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
MSInt Egmati NovPa 7 m3:1 RTE 9N07P

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



(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
SSTD120.D H7K07SV.M Wed Nov 07 15:50:06 2007 Page 3

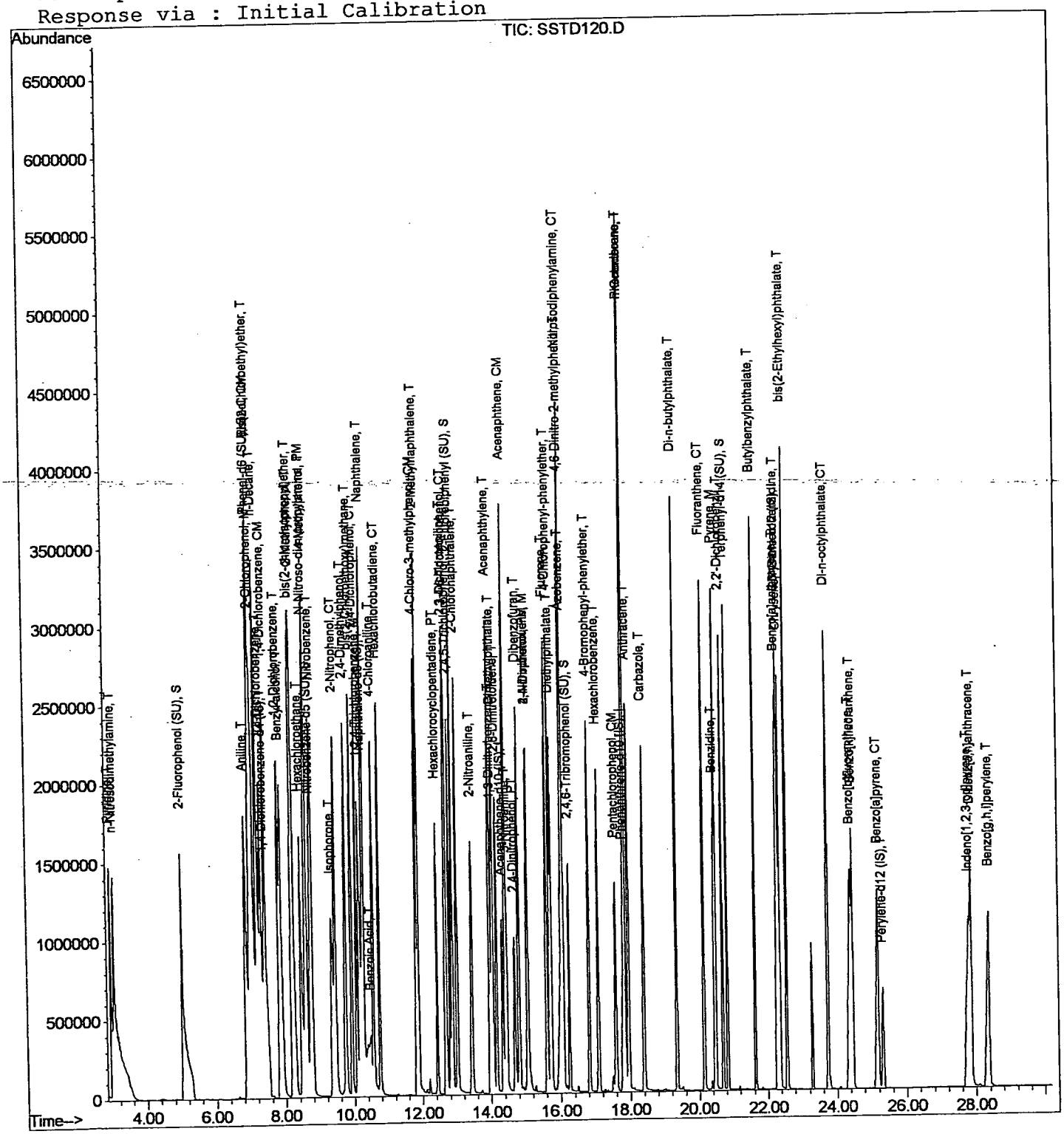
Quantitation Report

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

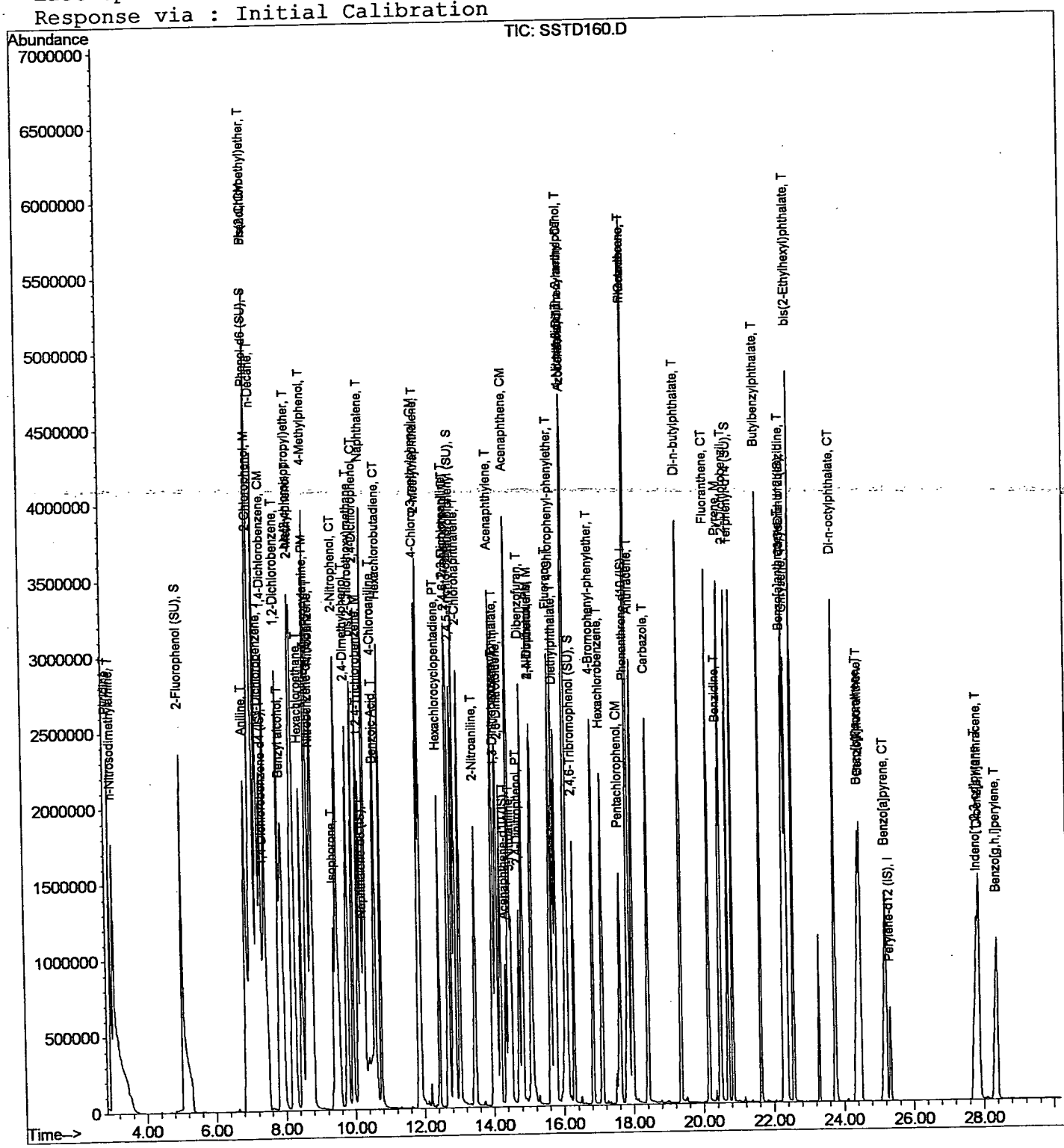
Quantitation Report

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

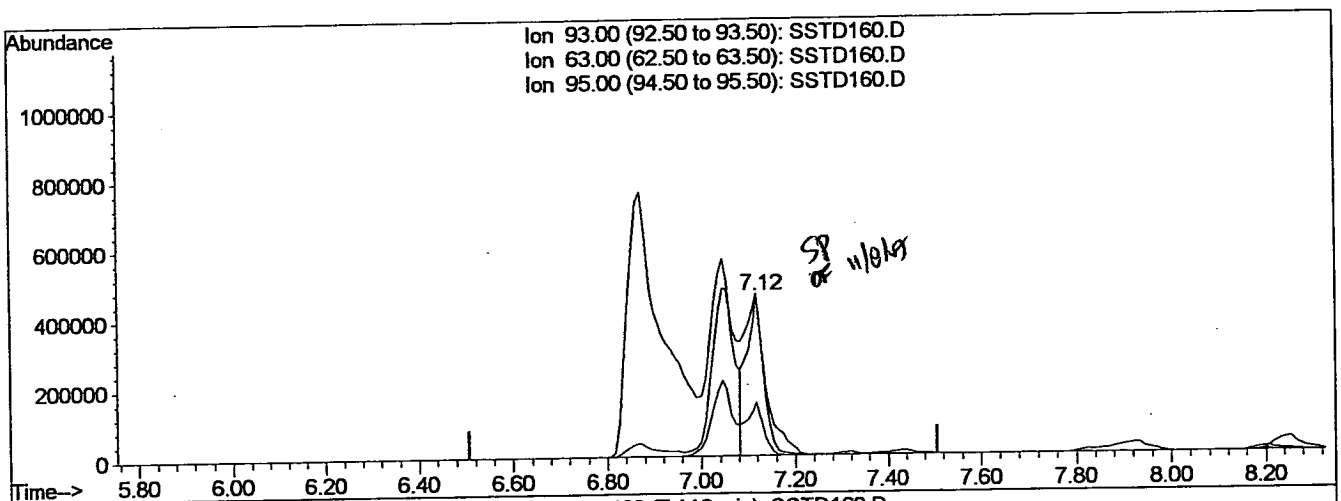


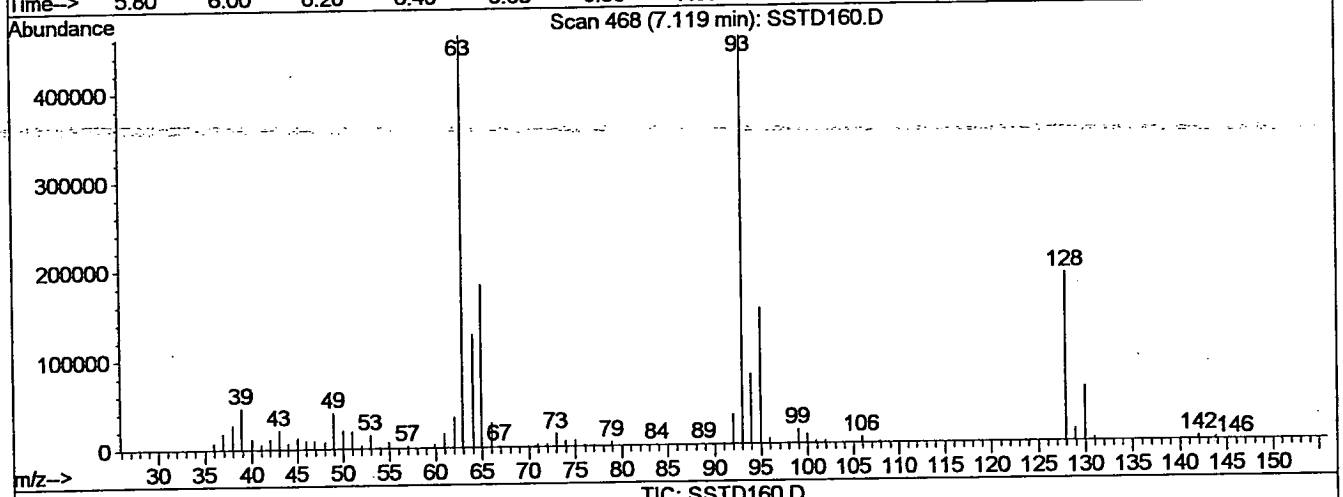
Quantitation Report

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 Time: Nov 7 13:19 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

(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

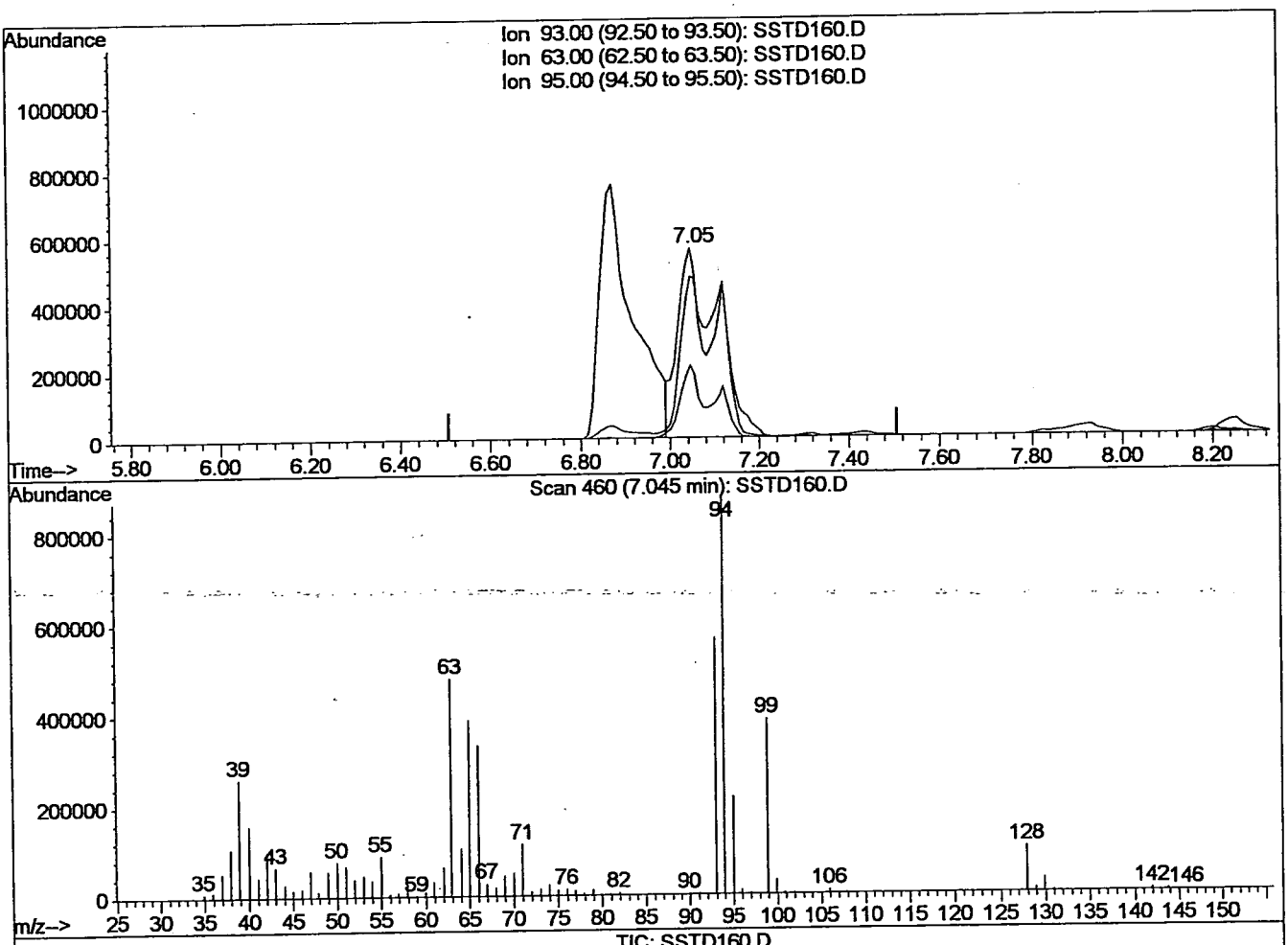
SSTD160.D H7K07SV.M Wed Nov 07 17:11:17 2007

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
[illegible]

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

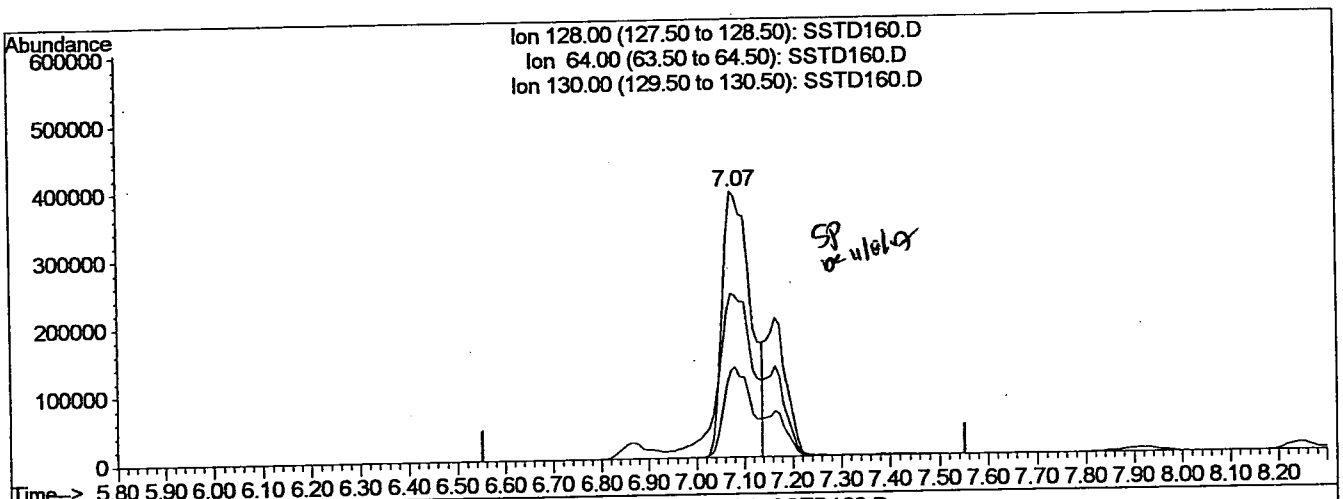
SSTD160.D H7K07SV.M Wed Nov 07 17:11:23 2007

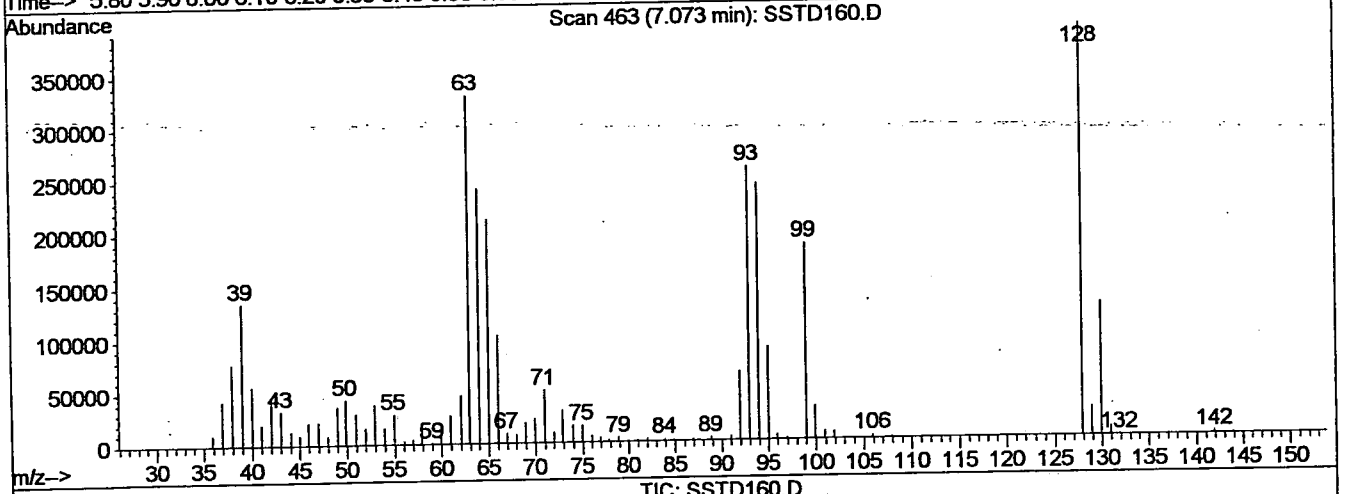
Quantitation Report

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 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





(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

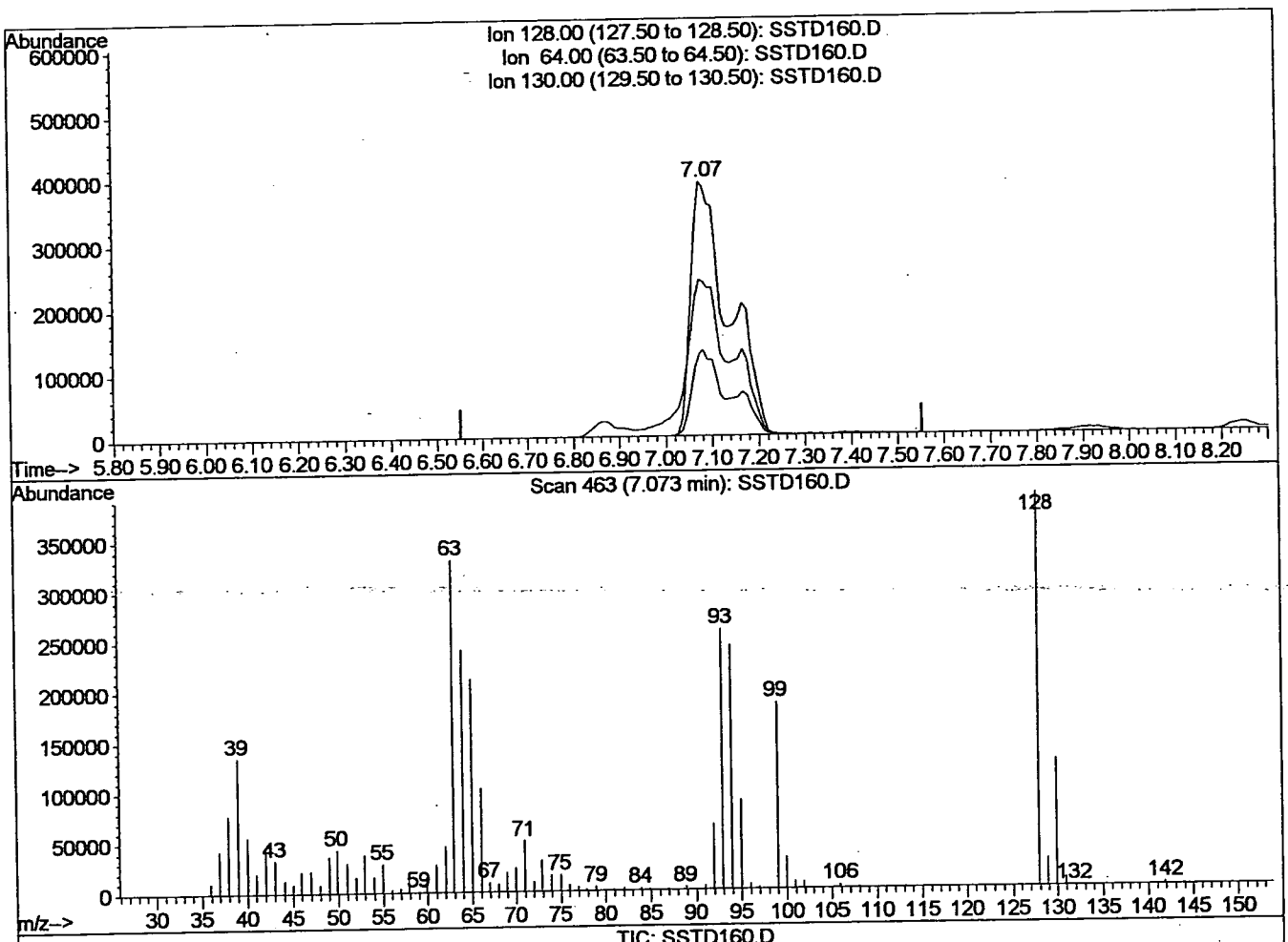
SSTD160.D H7K07SV.M Wed Nov 07 17:11:30 2007

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
[illegible]

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 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

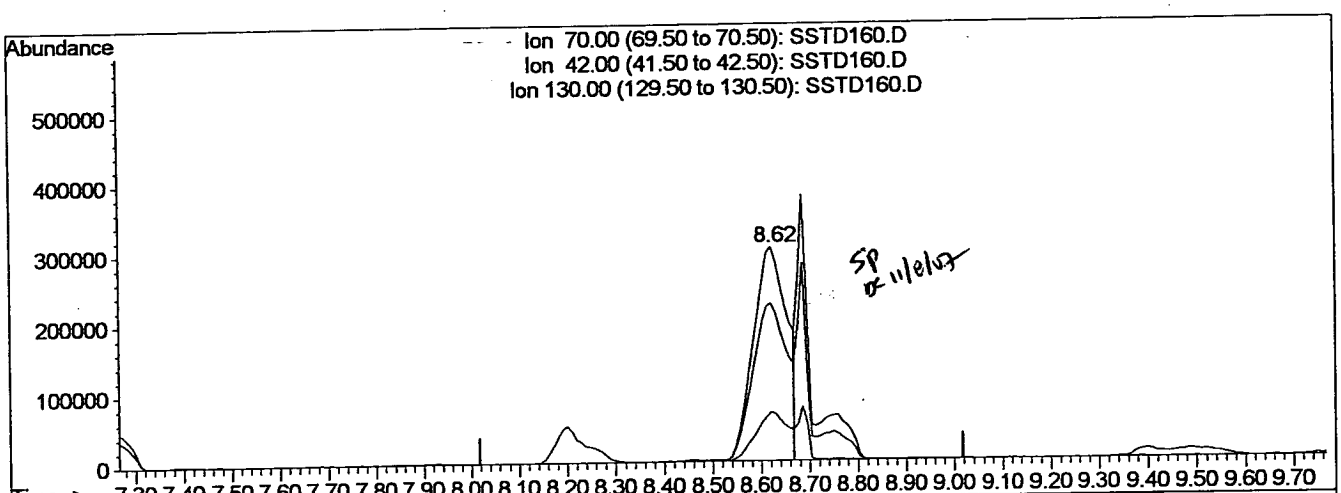
SSTD160.D H7K07SV.M Wed Nov 07 17:11:34 2007

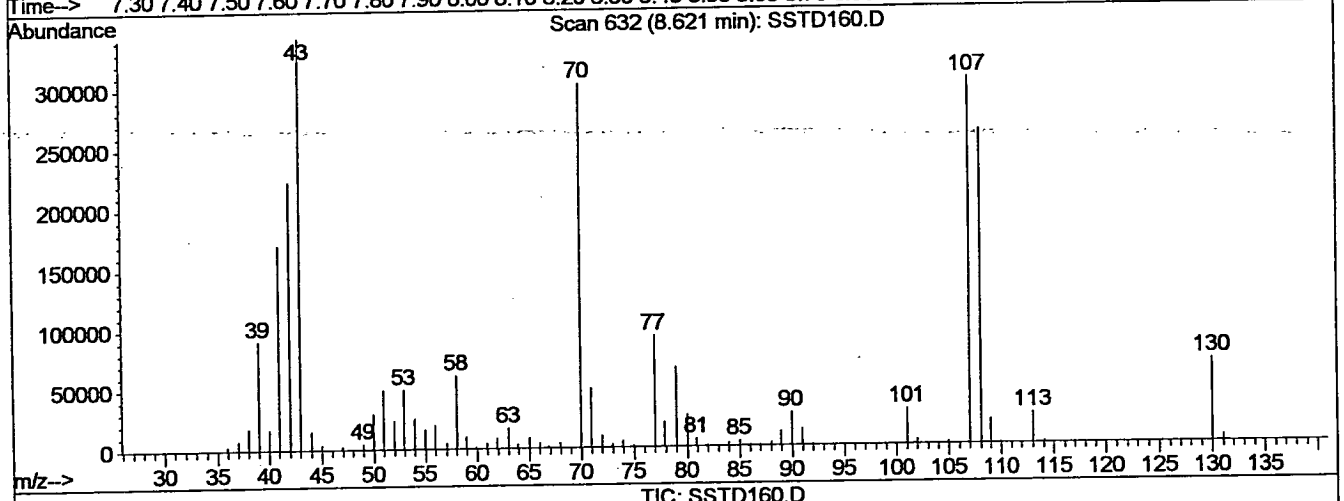
Quantitation Report

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
Quant Time: Nov 7 13:19 2007 QuantMethod: 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

(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

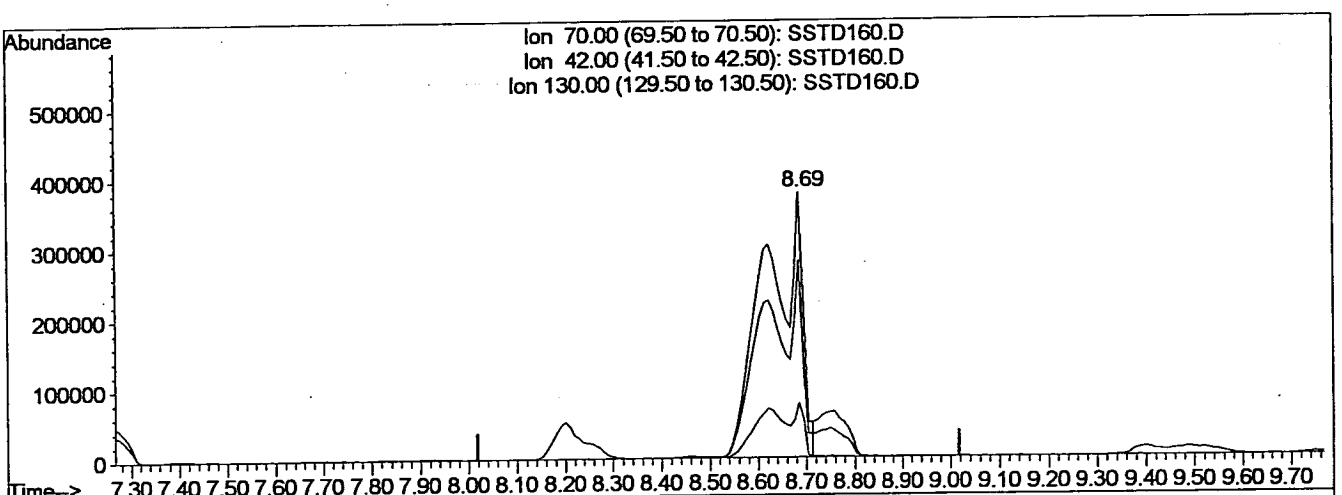
SSTD160.D H7K07SV.M Wed Nov 07 17:11:41 2007

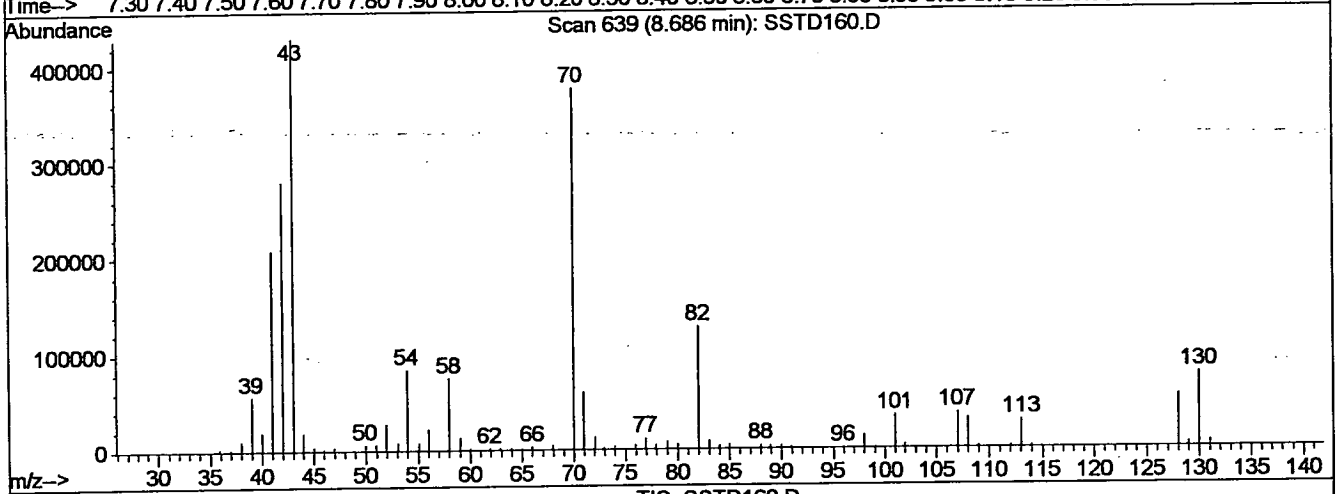
Quantitation Report

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
MSIntegrationParams: RTE2107P

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

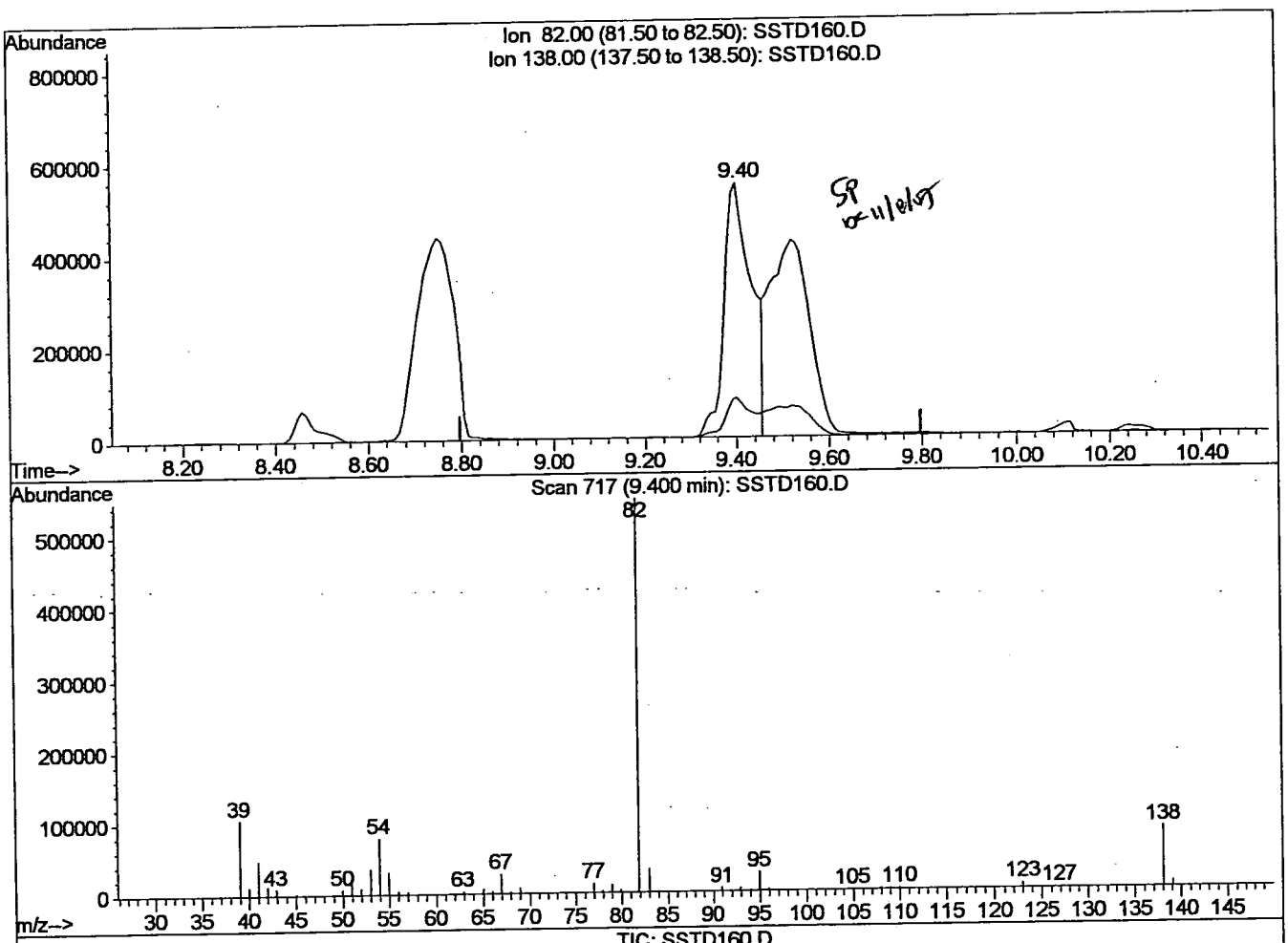
SSTD160.D H7K07SV.M Wed Nov 07 17:11:51 2007

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
QuantitationMethod Path: 1RTE.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



(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

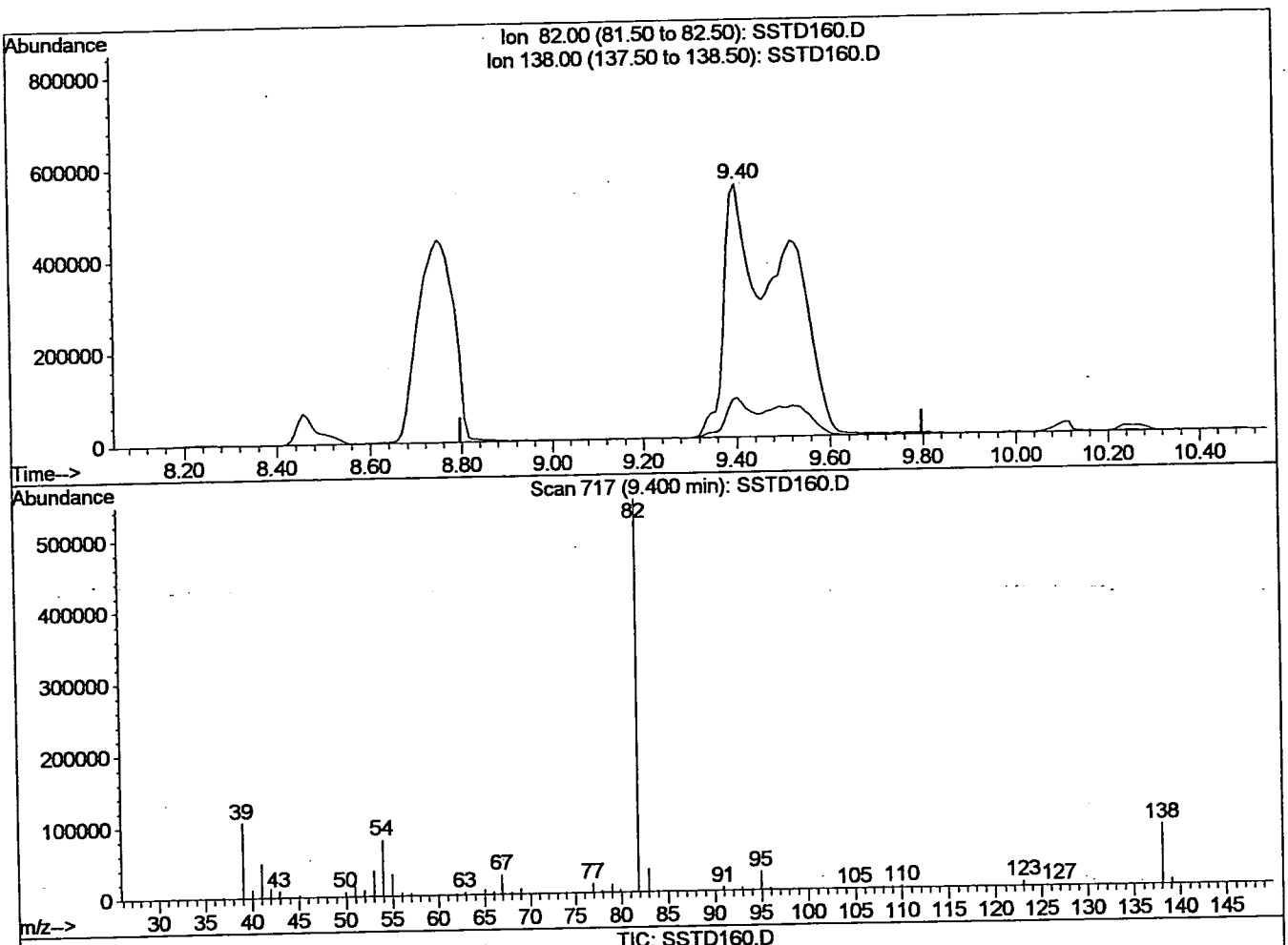
SSTD160.D H7K07SV.M Wed Nov 07 17:11:56 2007

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
Quantitation Pathway 1 RTE 07P

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

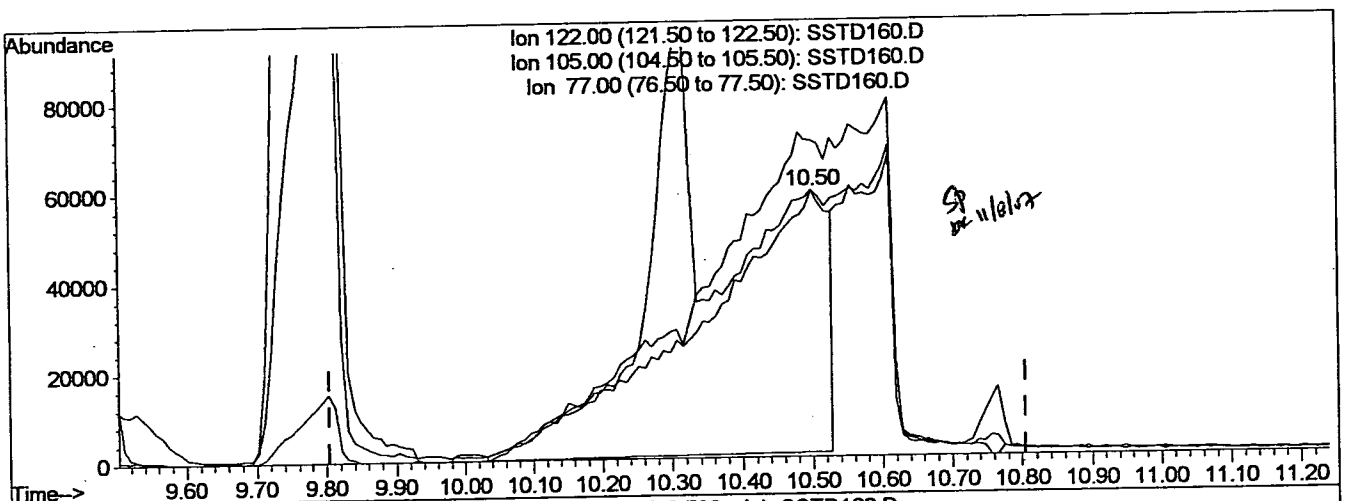
SSTD160.D H7K07SV.M Wed Nov 07 17:12:00 2007

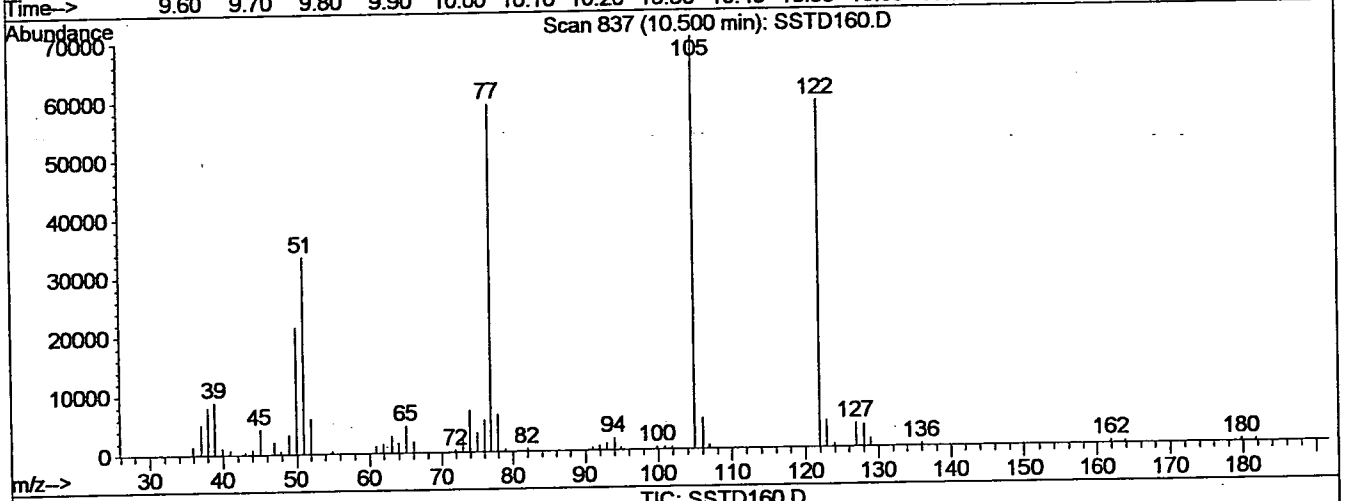
Quantitation Report

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
[illegible]

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

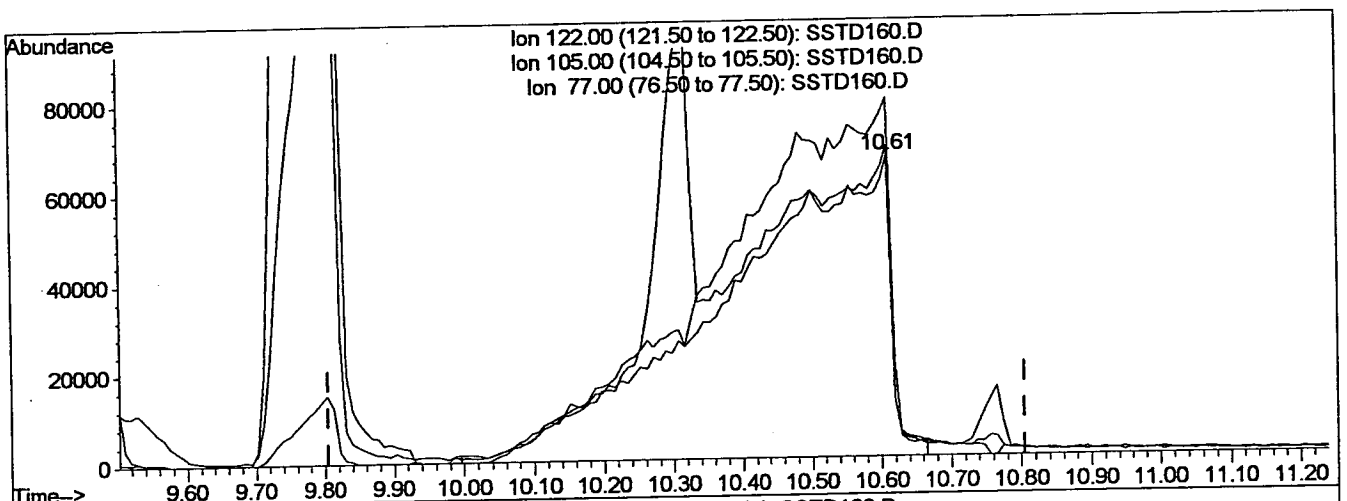
SSTD160.D H7K07SV.M Wed Nov 07 17:12:08 2007

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: RTE1107P

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

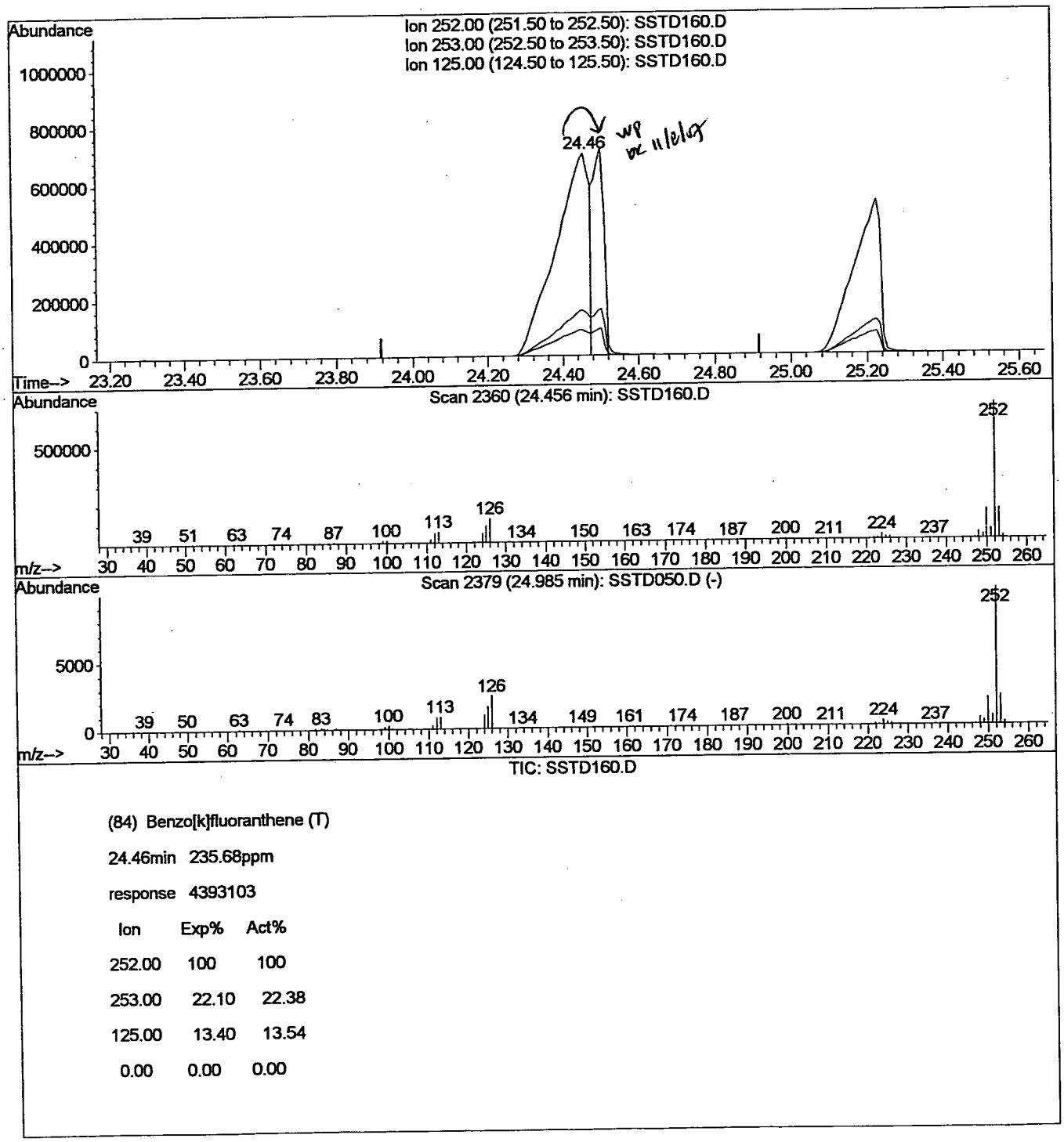
SSTD160.D H7K07SV.M Wed Nov 07 17:12:12 2007

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
[illegible]

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

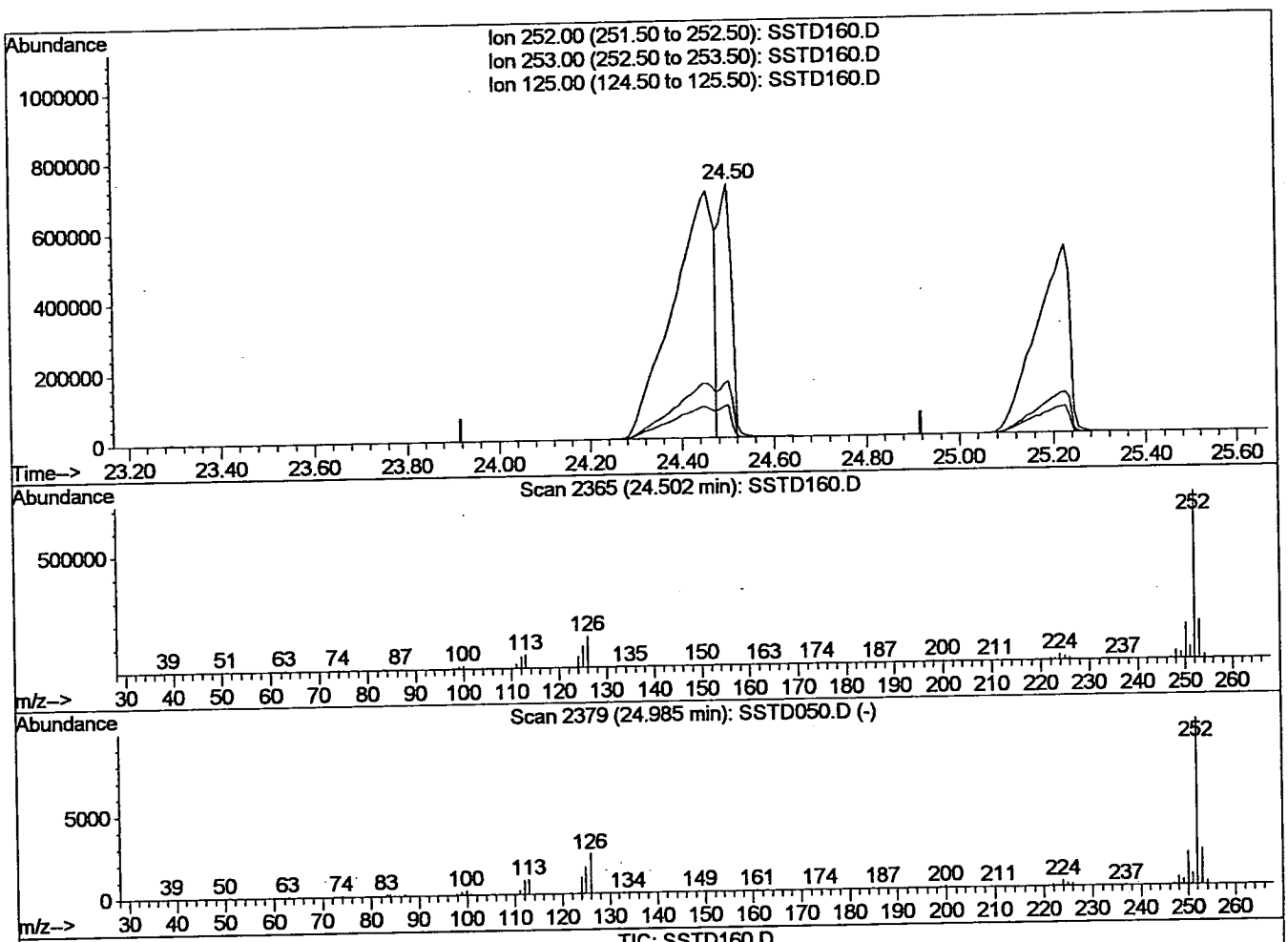
SSTD160.D H7K07SV.M Wed Nov 07 17:12:44 2007

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 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)

24.50min 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

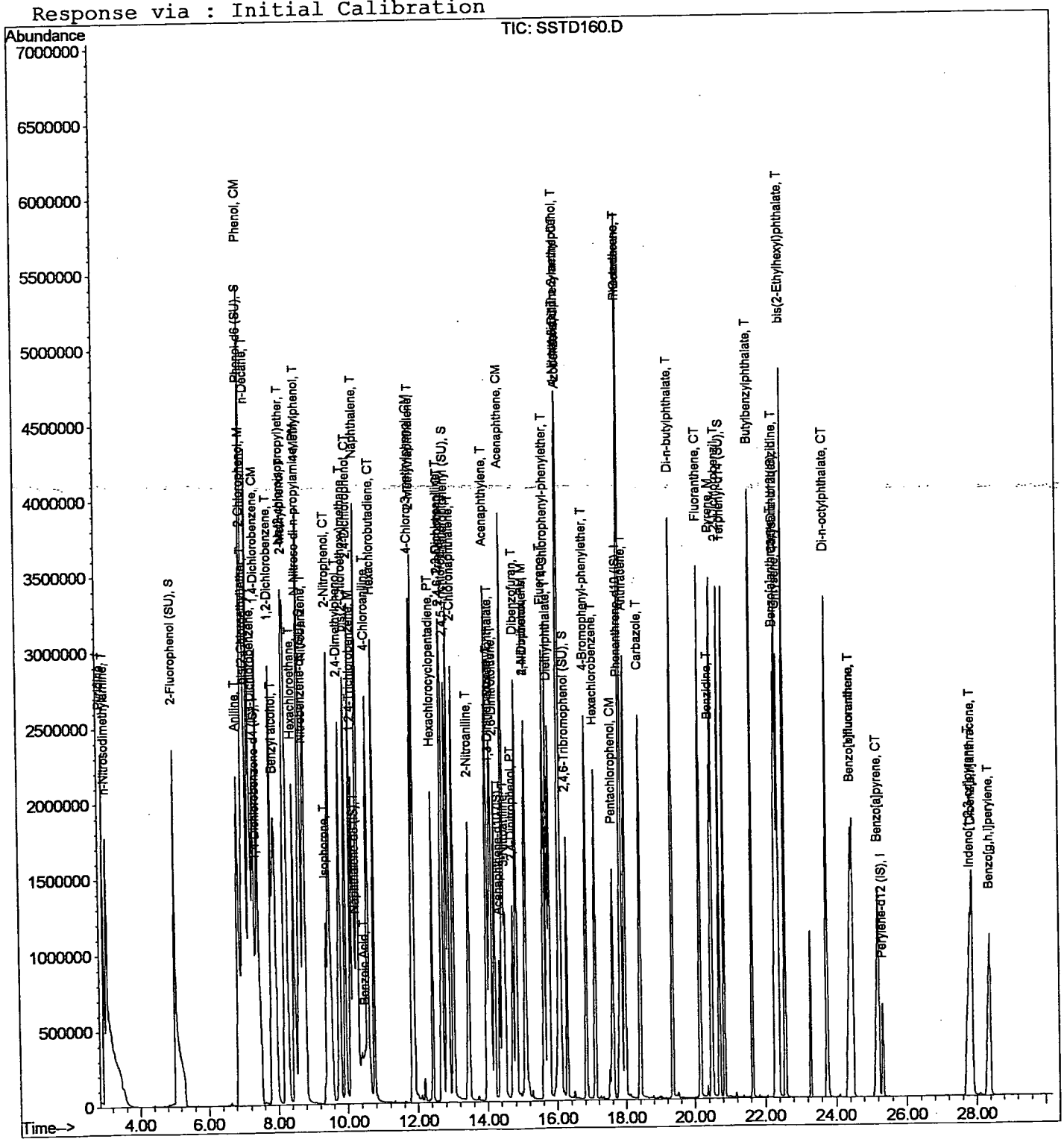
Quantitation Report

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
SSTD002.D H7K07SV.M Wed Nov 07 17:14:54 2007

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

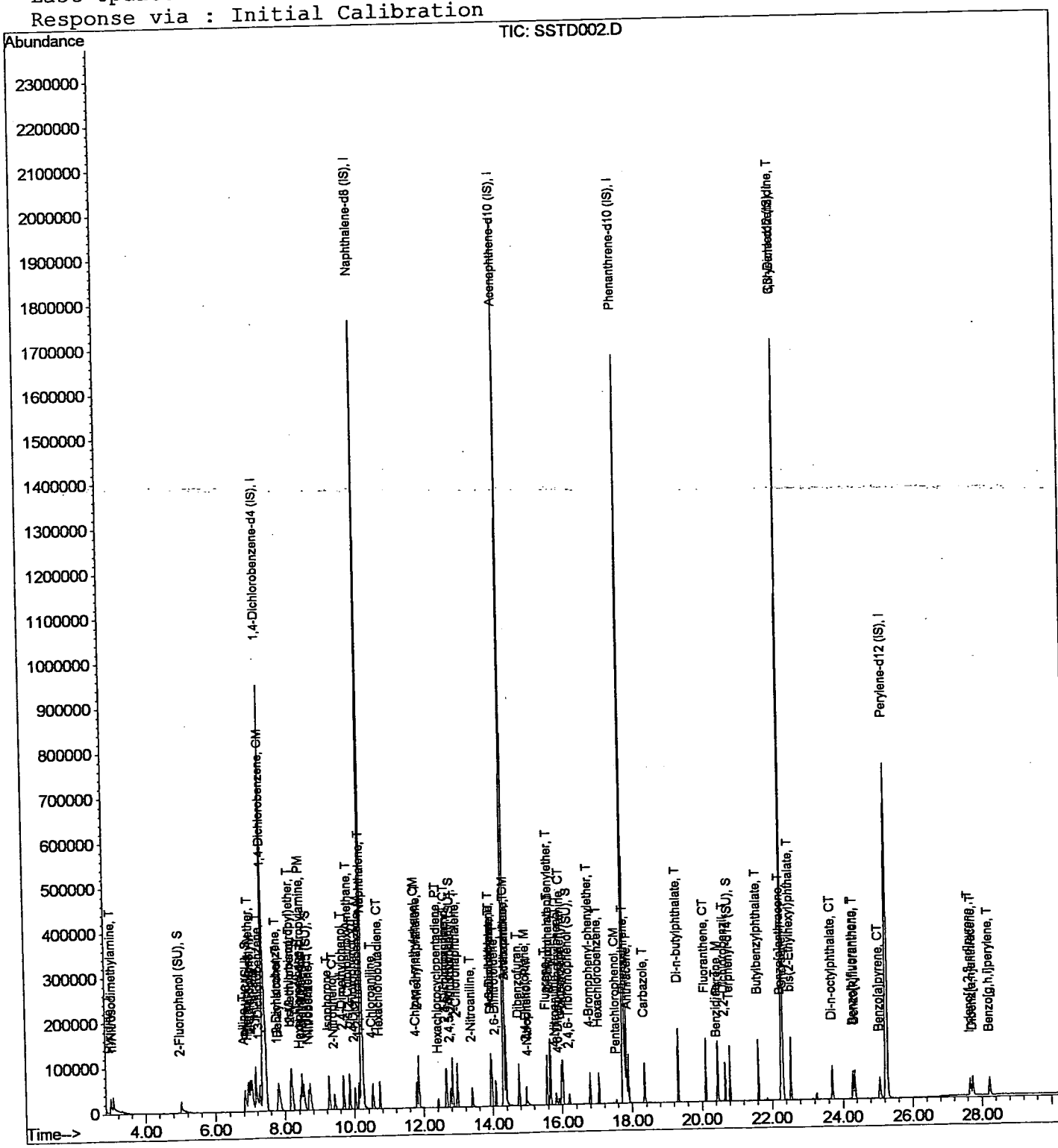
Quantitation Report

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

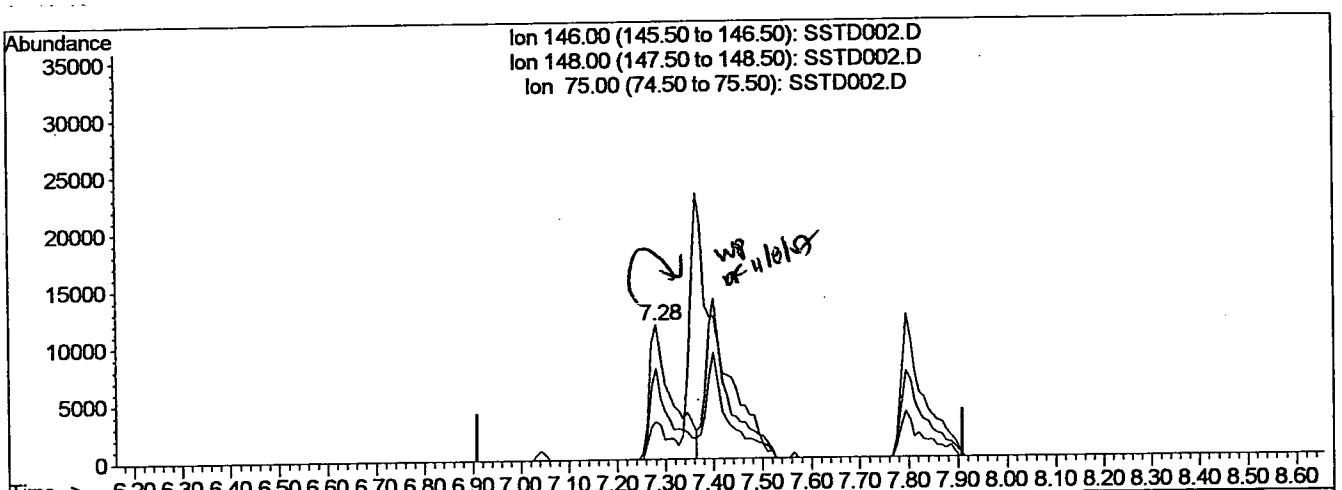


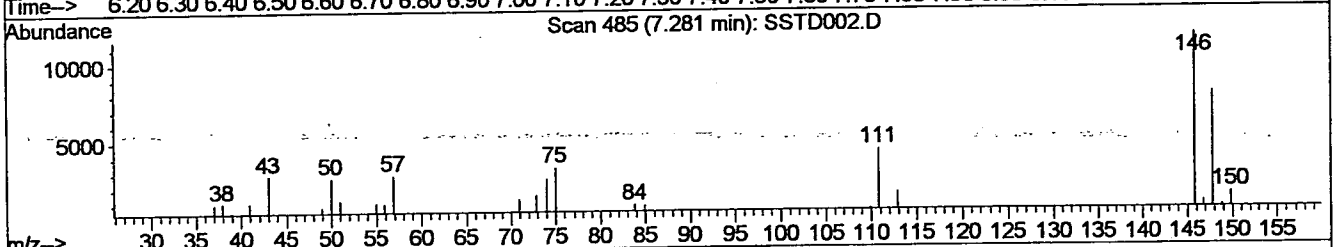
Quantitation Report

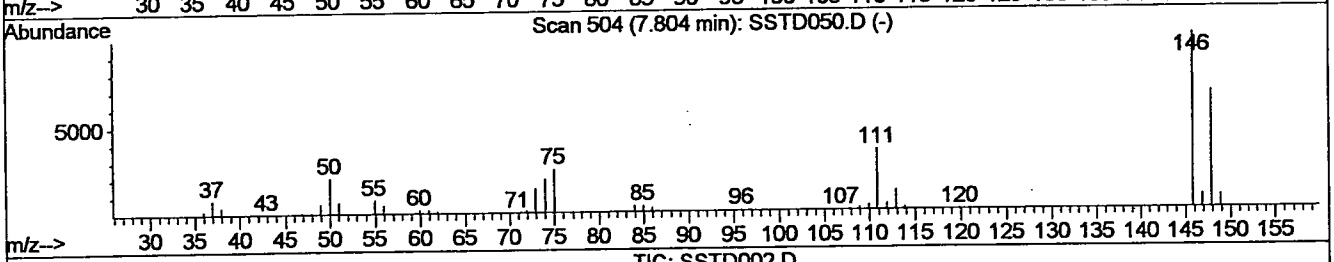
Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MSamnt&gmetiNovPaTam3:1RTE1NT7P

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

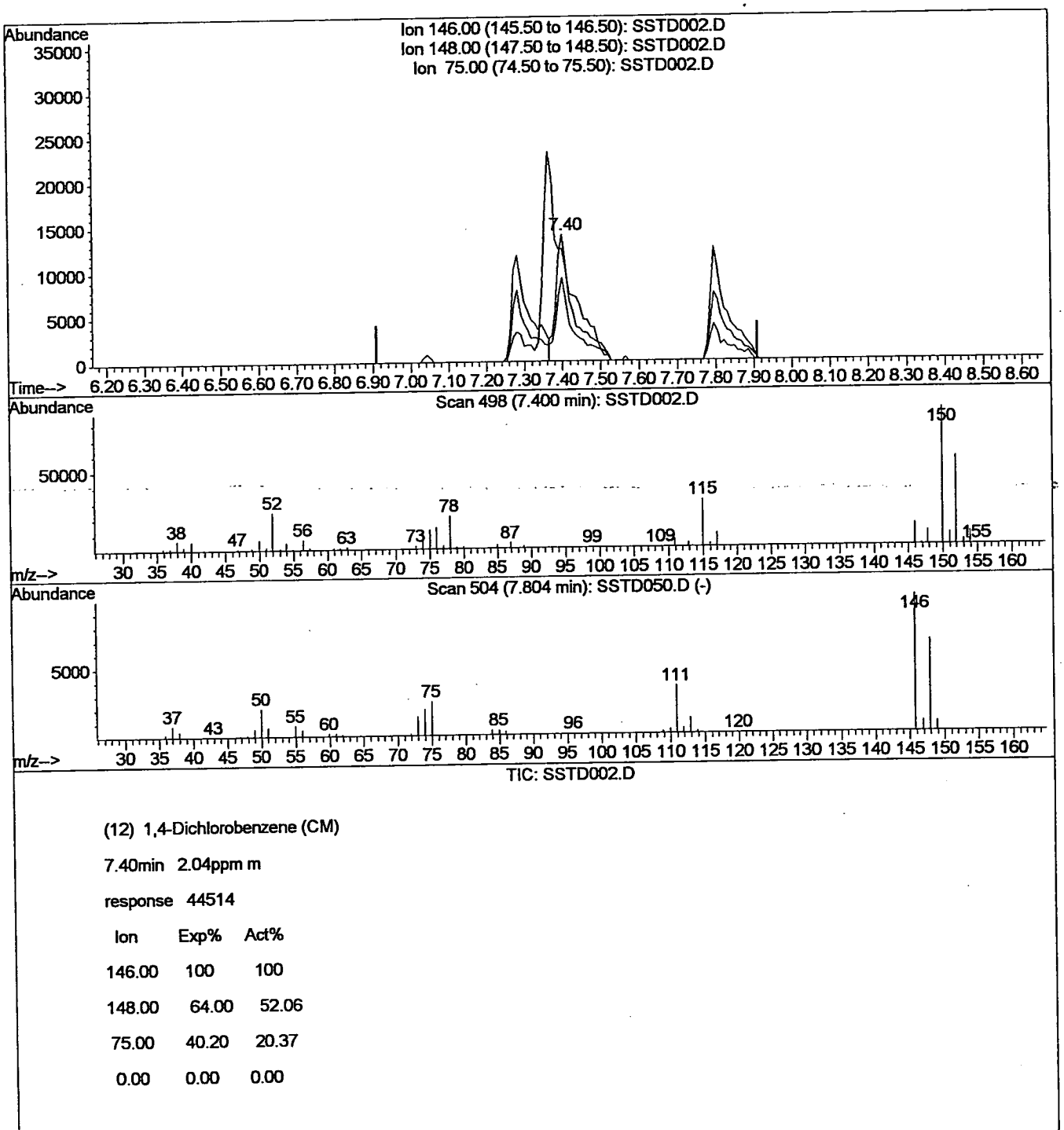
SSTD002.D H7K07SV.M Wed Nov 07 17:13:46 2007

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
[illegible]

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



(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

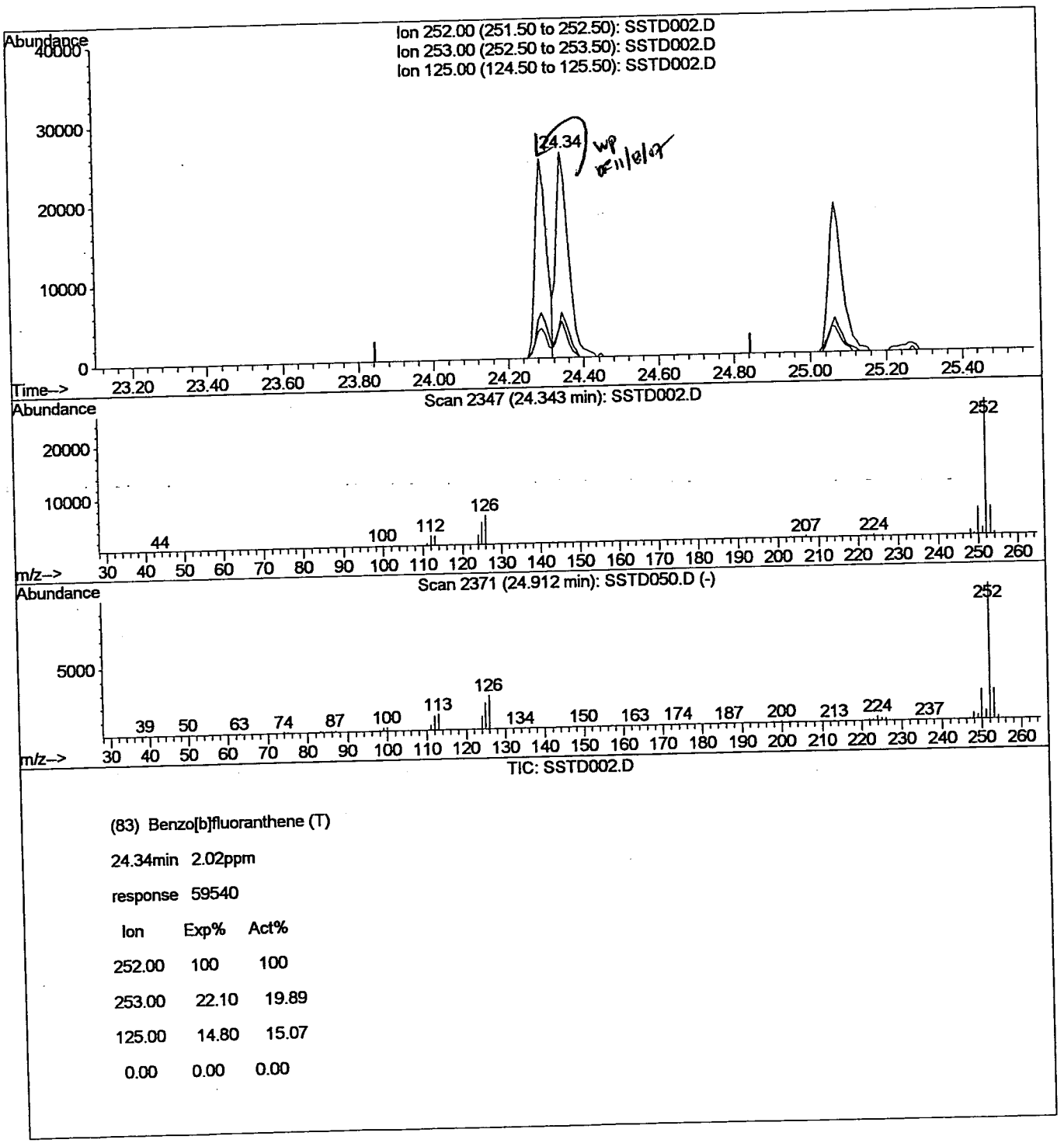
SSTD002.D H7K07SV.M Wed Nov 07 17:13:51 2007

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
MSTune/Quant Init: 7 Nov Par: 7 3:1 RTE: N07P

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)

24.34min 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

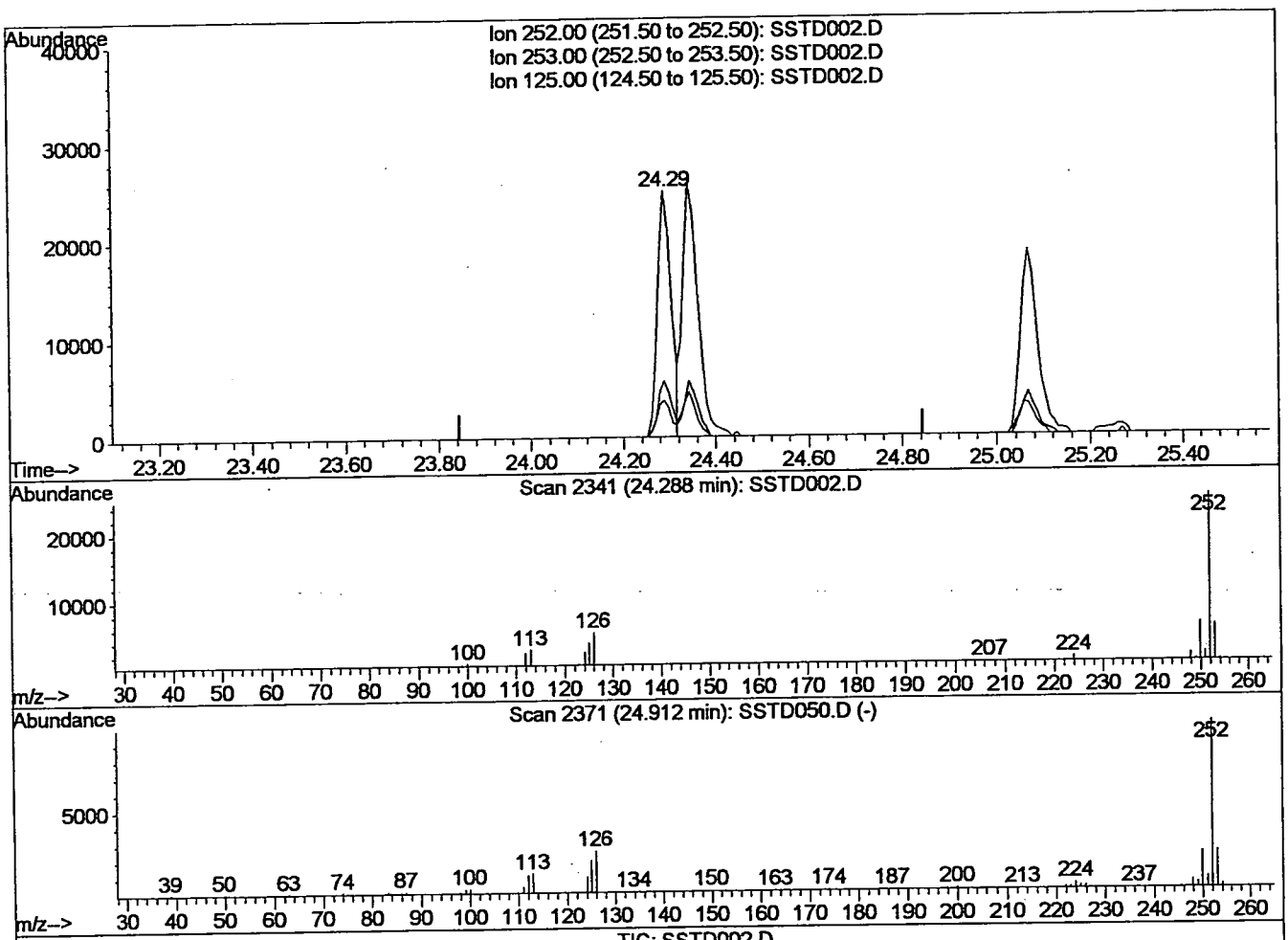
SSTD002.D H7K07SV.M Wed Nov 07 17:14:35 2007

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
[illegible]

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

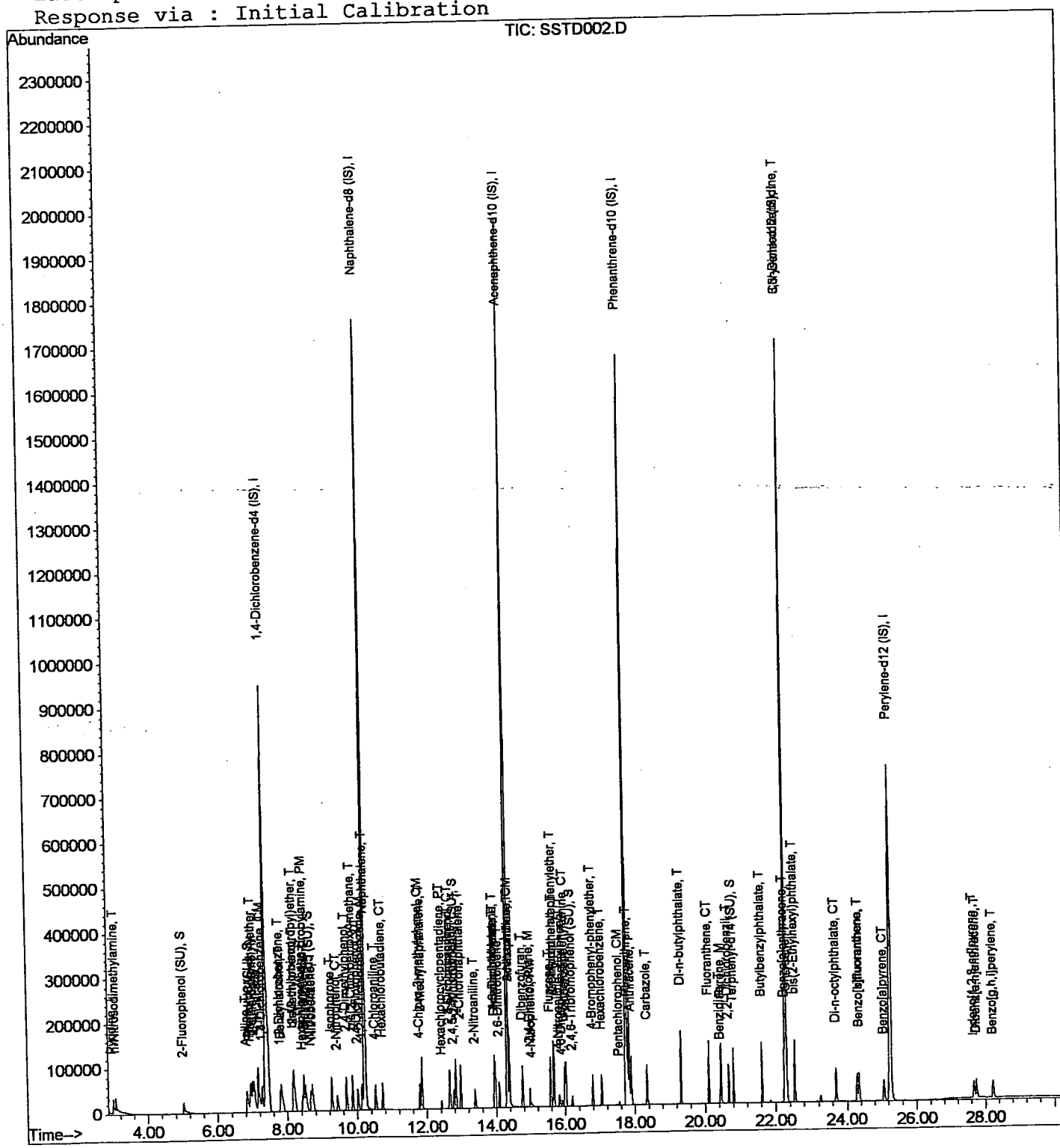
Quantitation Report

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	~~H7J49SV~~ 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

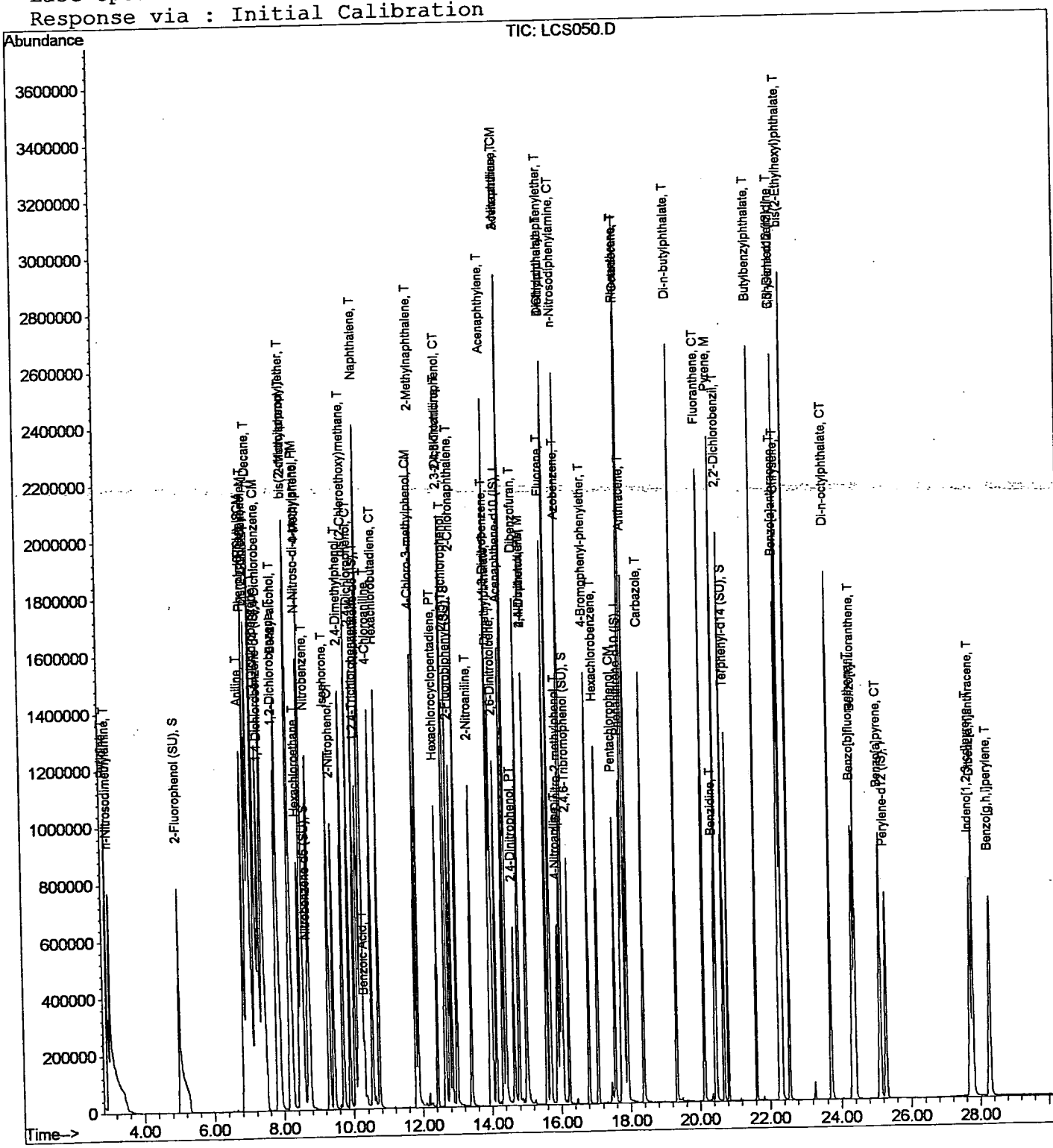
Quantitation Report

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
LCS050.D H7K07SV.M Thu Nov 08 15:53:58 2007 Page 3

Quantitation Report (Not 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 (Not 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 (Not 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

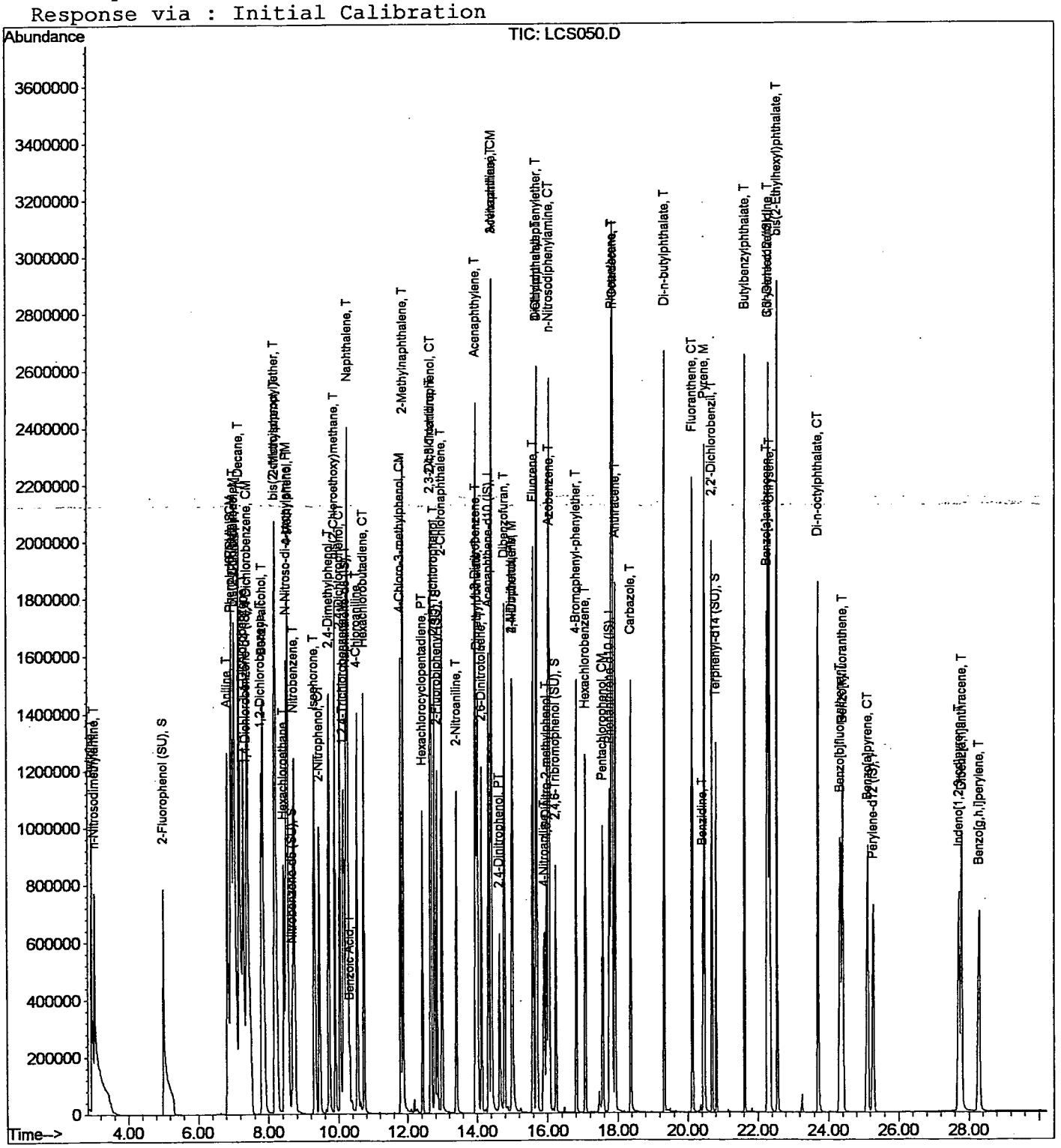
Quantitation Report

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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration



GC/MS DAILY LOG SUMMARY

DATE: 11/26/07 **DATAFILE:** C:\GCMS 8 \DATA\07NOV26

ANALYST: DF/SN/mw **GCMS:** #8 **EPA METHOD:** 625/8270C

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN1	***	Pass @ 1:29 pm				
2	50ppm Midpoint STD	***	SSTD050	***					failed - PR
3	↓		SSTD050A	—					OK
4	7K23070-BLK1	—	H1126001	W	SN	23070	SN 11-27-06	11/27/07 mw	PR for 625
5	-BS1	—	02						↓
6	-BSD1	—	03						
7	IQK2206-02	—	04						QC purpose only for 628
8	7K23070-MS1	—	05						
9	↓ -MSD1	—	06		↓				↓
10	IQK1917-06	5X	07		DF				
11	-07	—	08		SN				
12	-09	—	09						
13	-10	—	10						
14	-05	20X	11			↓			Extremely viscous acid phase
15	IQK1956-01	—	12			19596	SN 11-27-07		
16	IQK2277-01	—	13		↓	23070	SN 11-27-06		
17	IQK2152-01	2X	14		DF				
18	-02	↓	15						
19	-03	50X	16						
20	IQK1917-13	100X	17	↓	↓	21102	↓		
21	IQK1859-06	2X	18	oil	WS	21102	SN 11-27-06		
22	IQK2326-01	5X	19	W	SN	23070	SN 11-27-06	↓	628 BIS
23									
24									
25									
26									
27									
28									
29									
30									SN

Tailing Factor & Degradation: Methylene Chloride Lot# EH1E60

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110433 Calibration: 7110431

PREPARATION BENCH SHEET

7K19096

TestAmerica - Irvine, CA

Printed: 11/21/2007 4:39:36PM

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
										LA	PN	
7K19096-BLK1		QC	11/19/07 13:13	1000	2			0	1000			
7K19096-BS1		QC	11/19/07 13:13	1000	2		7100743	500	1000			
7K19096-BSD1		QC	11/19/07 13:13	1000	2		7100743	500	1000			
IQK1285-01	-	8270C (TCLP List)	11/19/07 13:13	10	2				1000			Spilled evap portion. Filled to 1ml with MeCl2
IQK1826-01	-	8270C-HEND-4CPMS	11/19/07 13:13	1060	2				1000			Multi dilution; check lowest historical data
IQK1826-02	-	8270C-HEND-4CPMS	11/19/07 13:13	1060	2				1000			Multi dilution; check lowest historical data
IQK1826-03	-	8270C-HEND-4CPMS	11/19/07 13:13	1060	2				1000			Multi dilution; check lowest historical data
IQK1828-04	-	8270C-Default	11/19/07 13:13	1060	2				1000			bp Jflag/no dilution if posbl/ 5 day TAT/not H20s
IQK1828-05	-	8270C-Default	11/19/07 13:13	1060	2				1000			bp Jflag/no dilution if posbl/ 5 day TAT/not H20s
IQK1828-06	-	8270C-Default	11/19/07 13:13	1050	2				1000			bp Jflag/no dilution if posbl/ 5 day TAT/not H20s
IQK1828-07	-	8270C-Default	11/19/07 13:13	1060	2				1000			bp Jflag/no dilution if posbl/ 5 day TAT/not H20s
IQK1857-03	-	8270C+NDMA+Carb+I	11/19/07 13:13	1000	2				1000			custom analysis
IQK1861-03	-	625+NDMA+Hydrazin	11/19/07 13:13	1050	2				1000			
IQK1861-04	-	625+NDMA+Hydrazin	11/19/07 13:13	1060	2				1000			
IQK1929-01	-	8270C-DMAP	11/19/07 13:13	870	20				1000			
IQK1956-01	-	8270C-Dichlorobenzil	11/19/07 13:13	1060	2				1000			J flags
IQK1957-01	-	625+Hydrazine-DMAP	11/19/07 13:13	900	2				1000			
IQK1965-01	-	625-Phenols	11/19/07 13:13	1000	2				1000	✓	✓	AZ

Spiking Witnessed By Date

PN 11-21-07

Preparation Reviewed By Date

K.S. 11/21/07

Extracts Received By Date

PREPARATION BENCH SHEET

7K19096

TestAmerica - Irvine, CA

Printed: 11/21/2007 4:39:36PM

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
IQK2022-01	-	625-Default	11/19/07 13:13	1060	2				1000	↓	↓	Multiple dilutions needed

Reagents used in Batch

Reagent	Description	Solvent

MeCl2 JTB E41E60
Na2SO4 EMD 47193734
NaOH JTB C51600
H2SO4 JTB E15044

Acid Heat Start 11/19 @ 2010
Stop 11/20 @ 1435
Base Heat Start 11/20 @ 1915
Stop 11/21 @ 1345

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K19096

TestAmerica - Irvine, CA

Printed: 11/19/2007 5:38:51PM

7100729

~~(No Surrogate)~~

Matrix: Water 19

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
7K19096-BLK1		QC	11/19/07 13:13	1000	2			0	1000	LA	PN	
7K19096-BS1		QC	11/19/07 13:13	1000	2		7100743	500	↓			
7K19096-BSD1		QC	11/19/07 13:13	1000	2		↓	500				
IQK1285-01	-	8270C (TCLP List)	11/19/07 13:13	~~1000~~ 10	2							Spiked evap portion. Filled to 1mL w/MeCl
IQK1826-01	-	8270C-HEND-4CPMS	11/19/07 13:13	~~1000~~ 1060	2							Multi dilution; check lowest ~~historical data~~
IQK1826-02	-	8270C-HEND-4CPMS	11/19/07 13:13	~~1000~~	2							Multi dilution; check lowest ~~historical data~~
IQK1826-03	-	8270C-HEND-4CPMS	11/19/07 13:13	~~1000~~	2							Multi dilution; check lowest ~~historical data~~
IQK1828-04	-	8270C-Default	11/19/07 13:13	~~1000~~	2							bp Jflag/no dilution if posbl/ 5 day ~~TAT/not H20s~~
IQK1828-05	-	8270C-Default	11/19/07 13:13	~~1000~~	2							bp Jflag/no dilution if posbl/ 5 day ~~TAT/not H20s~~
IQK1828-06	-	8270C-Default	11/19/07 13:13	~~1000~~ 1050	2							bp Jflag/no dilution if posbl/ 5 day ~~TAT/not H20s~~
IQK1828-07	-	8270C-Default	11/19/07 13:13	~~1000~~ 1060	2							bp Jflag/no dilution if posbl/ 5 day ~~TAT/not H20s~~
IQK1857-03	-	8270C+NDMA+Carb+I	11/19/07 13:13	(1000)	2							custom analysis
IQK1861-03	-	625+NDMA+Hydrazin	11/19/07 13:13	~~1000~~ 1050	2							
IQK1861-04	-	625+NDMA+Hydrazin	11/19/07 13:13	~~1000~~ 1060	2							
IQK1929-01	-	8270C-DMAP	11/19/07 13:13	~~1000~~ 870 ~~2~~ 20								10mL Dilution
IQK1956-01	-	8270C-Dichlorobenzil	11/19/07 13:13	~~1000~~ 1060	2							J flags
IQK1957-01	-	625+Hydrazine-DMAP	11/19/07 13:13	~~1000~~ 1050	2							
IQK1965-01	-	625-Phenols	11/19/07 13:13	(1000)	2				↓	↓	↓	AZ

Spiking Witnessed By LA Date 11/19/07

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K19096

TestAmerica - Irvine, CA

Printed: 11/19/2007 5:38:51PM

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
IQK2022-01	-	625-Default	11/19/07 13:13	~~1000~~ 1000	2				↓	↓	↓	Multiple dilutions needed

$MeCl_2$ JTB E41E60

Na_2SO_4 EMD 47193734

NaOH JTB C57600

H_2SO_4 JTB E15044

Acid Heat Start 11/19 @ 2010
Stop 11/20 @ 1435
Base Heat Start 11/20 @ 1915
Stop 11/21 @ 1345

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS QA-QC Check Report

Tune File : C:\GCMS8\DATA\07NOV26\STUN1.D
Tune Time : 26 Nov 2007 1:29 pm

Daily Calibration File : C:\GCMS8\DATA\07NOV26\SSTD050A.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 574590	(NPT) 1800310	(ANT) 935675	(PHN) 1271550	(CRY) 764918	(PRY) 601379
File	Sample	Surrogate Recovery %						Internal Standard Responses					
H1126001.D	7K23070-BLK1	63	67	70	79	86	94	655185	2066954	1026016	1300402	756755	533088
H1126002.D	7K23070-BS1	65	71	74	79	89	102	628461	1993587	1007414	1371513	772551	612878
H1126003.D	7K23070-BSD1	68	73	78	83	91	100	599440	1857950	900805	1212144	710860	574566
H1126004.D	IQK2206-02	56	63	66	76	93	103	642539	2005557	1007555	1266848	667303	531740
H1126005.D	7K23070-MS1	64	72	74	79	97	104	594849	1851272	926313	1229885	678763	531727
H1126006.D	7K23070-MSD1	67	75	75	79	96	112	604995	1905437	949871	1262931	644058	493329
H1126007.D	IQK1917-06	11*	12*	13*	16*	17*	20*	577916	1844704	922603	1173665	629035	482758
H1126008.D	IQK1917-07	47	22*	79	84	99	94	591745	1840120	849305	1026618	524035	321446
H1126009.D	IQK1917-09	39	46	83	77	61	91	569184	1878376	934215	1246880	781201	669973
H1126010.D	IQK1917-10	36	34*	73	77	63	95	615810	1969061	951818	1252193	719458	606857
H1126011.D	IQK1917-05	1*	2*	2*	2*	2*	3*	616053	1901100	949165	1233725	677865	565564
H1126012.D	IQK1956-01	59	61	66	74	82	90	627324	1961223	902131	1207504	734818	596341
H1126013.D	IQK2277-01	58	59	67	81	87	99	639911	1967289	925771	1210882	658007	511349
H1126014.D	IQK2152-01	3*	3*	4*	4*	4*	5*	627182	1945139	998367	1276964	703135	546512
H1126015.D	IQK2152-02	3*	3*	3*	4*	4*	5*	582220	1784690	888993	1138614	600045	464050
H1126016.D	IQK2152-03	0*	1*	1*	1*	1*	2*	573660	1911381	964580	1229769	654308	522614
H1126017.D	IQK1917-13	1*	1*	1*	1*	0*	1*	634948	2003793	940497	1185179	700927	545684
H1126018.D	IQK1859-06	4*	4*	4*	5*	5*	5*	603795	1880412	910974	921214	525504	486240
H1126019.D#	IQK2326-01	13*	15*	15*	13*	15*	19*	543256	1743209	863444	1134769	532502	415722

- fails 12hr time check * - fails criteria

Created: Tue Nov 27 06:14:50 2007 GCMS8

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050A.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 Midpoint**
Date Acquired:	**11/26/20 -1:2:**	Method	**H7K07SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	50.06	-0.13
1,4-Dichlorobenzene	50	52.37	-4.74
2-Nitrophenol	50	51.95	-3.91
2,4-Dichlorophenol	50	51.25	-2.50
Hexachlorobutadiene	50	48.79	2.42
4-Chloro-3-methylphenol	50	48.51	2.99
2,4,6-Trichlorophenol	50	50.91	-1.82
Acenaphthene	50	49.03	1.93
n-Nitrosodiphenylamine	50	50.14	-0.28
Pentachlorophenol	50	51.76	-3.52
Fluoranthene	50	47.12	5.77
Di-n-octylphthalate	50	56.30	-12.61
Benzo[a]pyrene	50	49.93	0.15

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.289
Hexachlorocyclopentadiene	0.05	0.195
2,4-Dinitrophenol	0.05	0.190
4-Nitrophenol	0.05	0.096

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050A.D
Date: 11/26/20 -1:2:
Matrix: 8270/625 Midpoint

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	43.73	87	(70-130)
n-Nitrosodimethylamine	50	47.62	95	(80-120)
bis(2-Chloroethyl)ether	50	50.52	101	(80-120)
Aniline	50	45.90	92	(80-120)
2-Chlorophenol	50	50.63	101	(80-120)
n-Decane	50	51.84	104	(80-120)
1,3-Dichlorobenzene	50	46.29	93	(80-120)
1,2-Dichlorobenzene	50	50.32	101	(80-120)
Benzyl alcohol	50	49.68	99	(70-130)
bis(2-chloroisopropyl)ether	50	53.40	107	(80-120)
2-Methylphenol	50	51.88	104	(80-120)
Hexachloroethane	50	52.13	104	(80-120)
N-Nitroso-di-n-propylamine	50	51.56	103	(80-120)
4-Methylphenol	50	52.23	104	(80-120)
Nitrobenzene	50	50.55	101	(80-120)
Isophorone	50	51.95	104	(80-120)
2,4-Dimethylphenol	50	48.45	97	(80-120)
bis(2-Chloroethoxy)methane	50	51.31	103	(80-120)
1,2,4-Trichlorobenzene	50	50.69	101	(80-120)
Benzoic Acid	50	52.96	106	(75-125)
Naphthalene	50	50.34	101	(80-120)
4-Chloroaniline	50	49.75	100	(80-120)
2-Methylnaphthalene	50	50.77	102	(80-120)
2,3-Dichloroaniline	50	49.41	99	(80-120)
Hexachlorocyclopentadiene	50	37.75	75	(70-130)
2,4,5-Trichlorophenol	50	52.19	104	(80-120)
2-Chloronaphthalene	50	48.75	97	(80-120)
2-Nitroaniline	50	50.63	101	(80-130)
1,3-Dinitrobenzene	50	47.79	96	(80-120)
Acenaphthylene	50	49.47	99	(80-120)
Dimethylphthalate	50	48.35	97	(80-120)
2,6-Dinitrotoluene	50	50.28	101	(80-120)
3-Nitroaniline	50	45.61	91	(70-140)
2,4-Dinitrophenol	50	44.87	90	(60-140)
Dibenzofuran	50	47.79	96	(80-120)
2,4-Dinitrotoluene	50	51.08	102	(70-140)

4-Nitrophenol	50	39.45	79	(60-135)
Fluorene	50	48.05	96	(80-120)
4-Chlorophenyl-phenylether	50	48.35	97	(80-120)
Diethylphthalate	50	46.75	94	(65-120)
Azobenzene	50	47.32	95	(80-120)
4-Nitroaniline	50	39.69	79	(60-160)
n-Octadecane	50	49.07	98	(80-120)
4,6-Dinitro-2-methylphenol	50	53.58	107	(80-120)
4-Bromophenyl-phenylether	50	47.36	95	(75-125)
Hexachlorobenzene	50	48.03	96	(70-120)
Phenanthrene	50	48.89	98	(80-120)
Anthracene	50	46.68	93	(80-120)
Carbazole	50	40.03	80	(70-120)
Di-n-butylphthalate	50	49.41	99	(80-120)
Pyrene	50	57.95	116	(60-120)
2,2'-Dichlorobenzil	50	61.71	123 *	(80-120)
Benzidine	50	19.40	39	(30-180)
Butylbenzylphthalate	50	57.03	114	(80-120)
3,3'-Dichlorobenzidine	50	42.51	85	(50-170)
Benzo[a]anthracene	50	48.45	97	(80-120)
Chrysene	50	47.47	95	(80-120)
bis(2-Ethylhexyl)phthalate	50	58.95	118	(75-125)
Benzo[b]fluoranthene	50	49.10	98	(80-120)
Benzo[k]fluoranthene	50	49.98	100	(80-120)
Indeno[1,2,3-cd]pyrene	50	47.57	95	(50-150)
Dibenz[a,h]anthracene	50	49.66	99	(60-160)
Benzo[g,h,i]perylene	50	49.11	98	(50-160)

Surrogates

2-Fluorophenol (SU)	50	51.79	104	(80-120)
Phenol-d6 (SU)	50	53.15	106	(80-120)
Nitrobenzene-d5 (SU)	50	50.10	100	(80-120)
2-Fluorobiphenyl (SU)	50	48.06	96	(80-120)
2,4,6-Tribromophenol (SU)	50	50.97	102	(80-120)
Terphenyl-d14 (SU)	50	55.91	112	(70-130)

*Denotes values out of expected range.

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

2nd Level Review:		Analyst:	SM
Date:	11/27/07	Analysis Date:	11-26-07
QC Batches:		GCMS #:	8
	7K-23070		

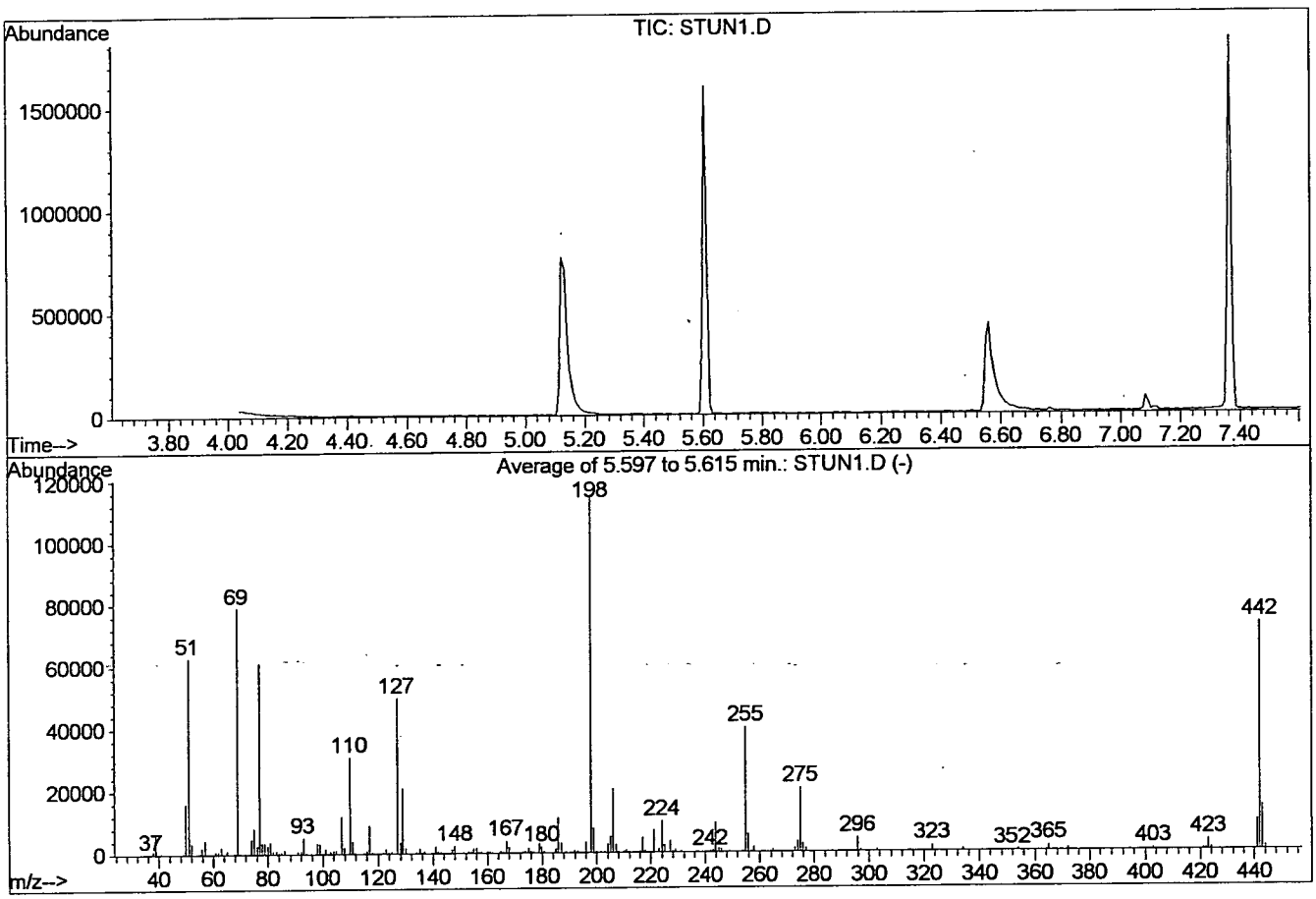
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD 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\07NOV26\STUN1.D
Acq On : 26 Nov 2007 1:29 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 171, 172, 173; Background Corrected with Scan 167

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.7	62802	PASS
68	69	0.00	2	0.4	324	PASS
69	198	0.00	100	68.8	78981	PASS
70	69	0.00	2	0.6	465	PASS
127	198	40	60	43.3	49688	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	114856	PASS
199	198	5	9	6.7	7730	PASS
275	198	10	30	17.8	20397	PASS
365	198	1	100	1.4	1615	PASS
441	443	0.01	100	67.1	9536	PASS
442	198	40	100	63.6	73039	PASS
443	442	17	23	19.5	14220	PASS

STUN1.D DFTPP.M Mon Nov 26 13:39:04 2007

Average of 5.597 to 5.615 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	186	57.90	179	76.00	2592	86.80	266
38.00	875	60.90	693	76.95	61187	90.90	794
38.90	6383	61.90	715	77.90	3588	91.95	808
40.90	436	62.90	2118	78.90	3636	92.85	5121
48.90	166	63.90	192	79.90	2573	93.95	292
49.95	16255	64.95	973	80.90	3762	95.95	234
50.90	62802	67.85	324	81.85	730	97.95	3451
51.95	3290	68.85	78981	82.90	1026	98.95	3214
55.05	273	69.85	465	83.85	293	100.90	1666
55.85	1897	73.95	4741	84.95	548	102.90	703
56.90	4360	74.95	8142	85.90	1256	103.90	919

Average of 5.597 to 5.615 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
104.90	987	122.90	1374	140.95	2137	156.95	349
106.90	12098	123.80	454	141.95	552	157.85	278
107.90	2037	124.80	533	142.80	346	160.00	531
109.90	30871	126.90	49688	146.90	1131	160.95	646
110.85	3982	128.00	3598	147.90	2293	161.85	190
111.85	351	128.90	20835	148.90	251	164.90	586
115.85	701	129.90	1715	151.00	273	165.90	382
116.85	8972	133.85	316	152.85	507	166.90	3879
117.95	422	134.90	1481	153.95	278	167.90	1755
119.95	187	135.95	385	154.90	1288	168.90	194
121.90	460	136.90	787	155.95	1622	171.90	239

Average of 5.597 to 5.615 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
172.90	293	186.90	3133	203.95	2676	222.90	1116
173.90	596	188.90	408	204.95	5159	223.95	9964
174.95	1480	190.90	192	205.95	20509	224.95	2408
175.95	471	191.90	681	206.95	2667	226.95	3536
176.85	436	192.90	623	207.90	352	227.95	311
177.85	204	195.90	3478	210.20	318	228.85	685
178.85	2887	197.85	114856	211.00	696	230.90	269
179.90	1901	198.85	7730	216.00	295	236.90	209
180.85	555	199.95	377	216.90	4842	241.95	384
184.95	1199	201.45	410	217.90	531	242.95	549
185.90	11164	202.90	454	220.95	7179	243.95	9393

Average of 5.597 to 5.615 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

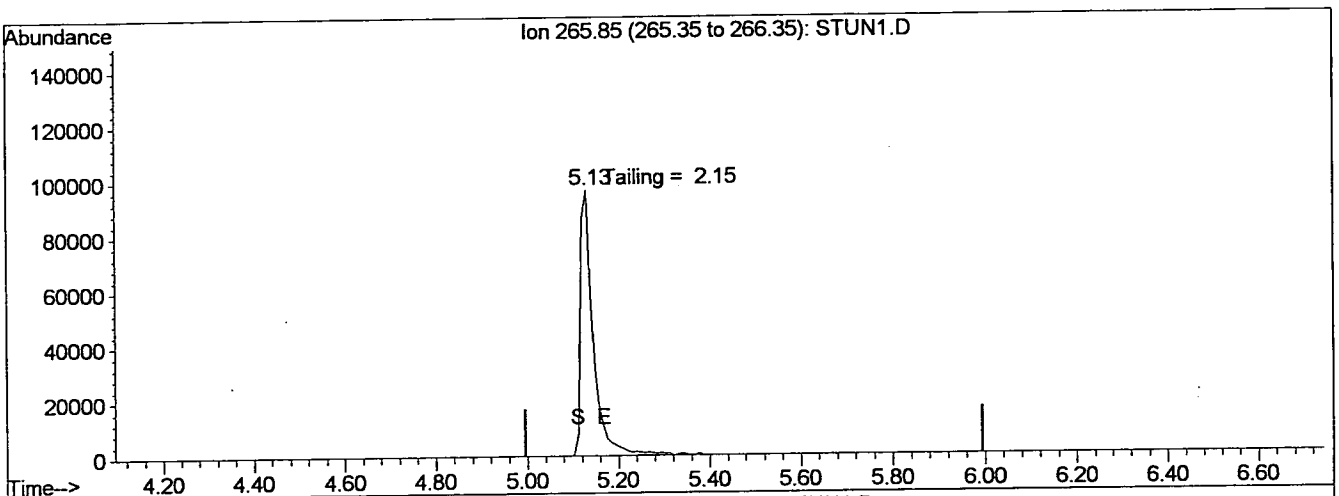
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
244.95	1114	274.90	20397	333.95	798	440.95	9536
245.90	1019	275.90	2562	351.85	199	441.95	73039
246.85	207	276.90	1109	353.95	515	442.95	14220
248.85	176	284.95	195	364.90	1615	444.00	1155
254.90	39878	295.90	4325	371.95	838		
255.90	5792	296.90	563	401.80	241		
256.90	226	303.00	567	402.90	557		
257.90	1534	314.90	350	420.95	340		
264.85	690	322.95	1832	421.95	310		
272.90	1193	323.90	194	422.95	3290		
273.90	3380	326.85	208	423.90	726		

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\STUN1.D
Acq On : 26 Nov 2007 1:29 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
Quant Integration Params: RTE 2007P

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

5.13min 44.72ug/ml

response 187812

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

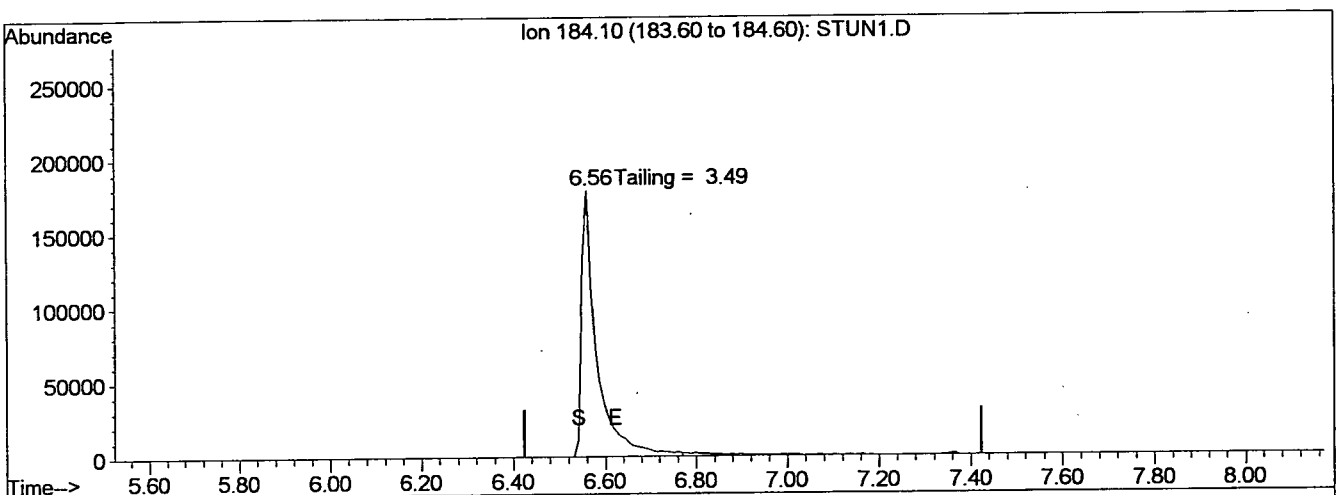
STUN1.D DFTPP.M Mon Nov 26 13:39:46 2007

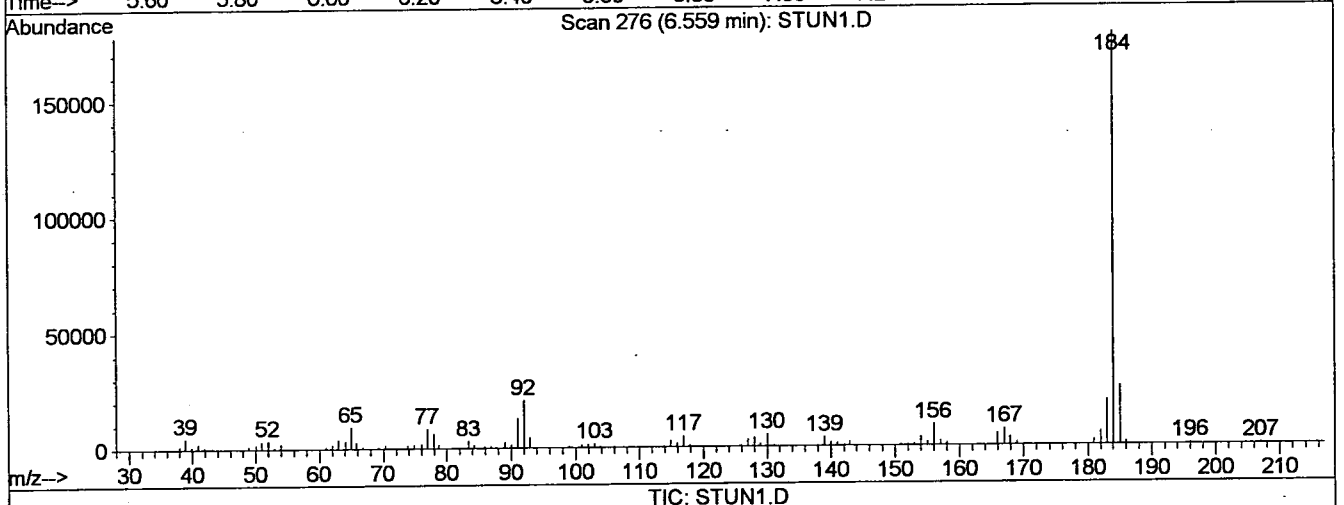
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\STUN1.D
Acq On : 26 Nov 2007 1:29 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
[illegible]

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

6.56min 40.04ug/ml

response 423095

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

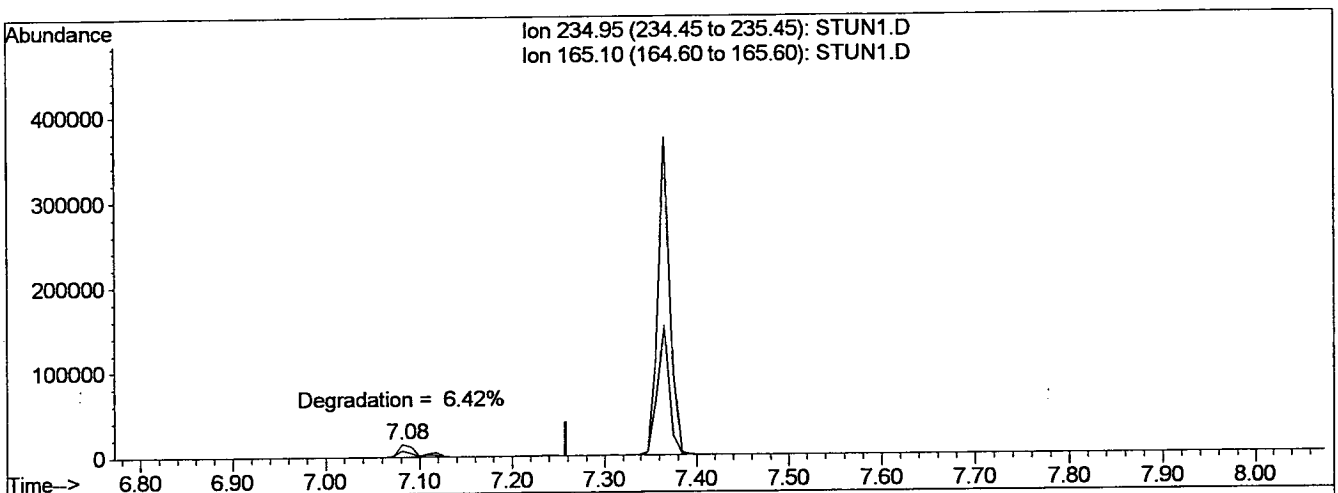
STUN1.D DFTPP.M Mon Nov 26 13:40:41 2007

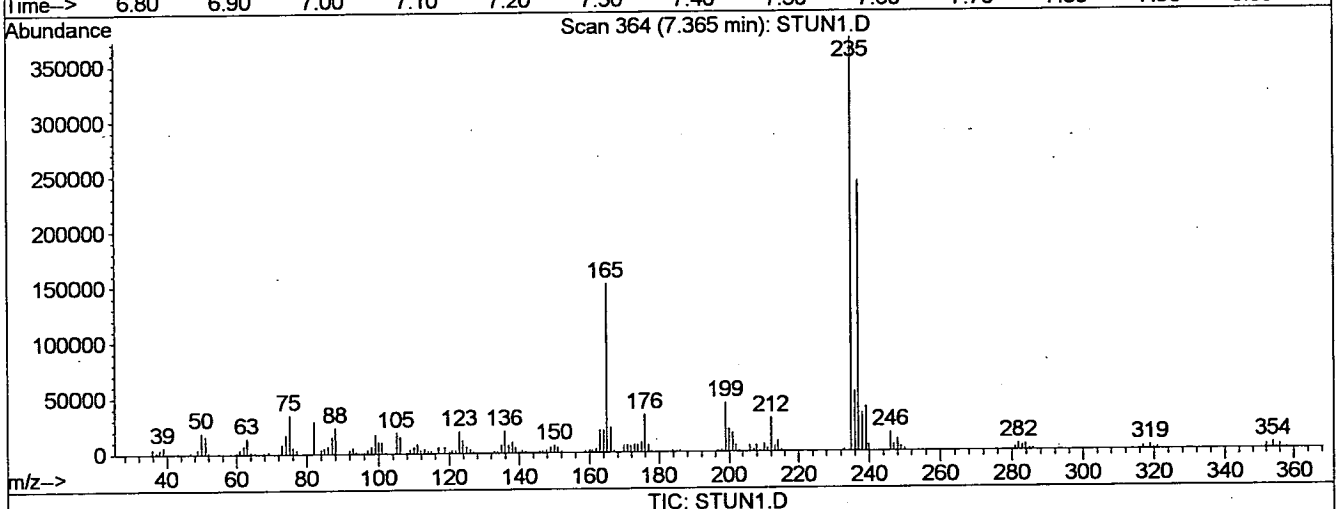
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\STUN1.D
Acq On : 26 Nov 2007 1:29 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: STUN1.D

(4) DDT

7.37min 46.52ug/ml

response 327867

Ion	Exp%	Act%
234.95	100	100
165.10	44.30	40.91
0.00	0.00	0.00
0.00	0.00	0.00

STUN1.D DFTPP.M Mon Nov 26 13:40:56 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 26 15:18 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	6.92	152	574590	40.00	ppm	0.09
20) Naphthalene-d8 (IS)	9.80	136	1800309	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	13.91	164	935675	40.00	ppm	-0.02
59) Phenanthrene-d10 (IS)	17.32	188	1271549	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	21.95	240	764918	40.00	ppm	-0.02
82) Perylene-d12 (IS)	24.62	264	601379	40.00	ppm	-0.04
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.51	112	1139097m	51.79	ppm	0.20
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.79%			
7) Phenol-d6 (SU)	6.54	99	1515245	53.15	ppm	0.10
Spiked Amount 100.000	Range 40 - 120		Recovery = 53.15%			
21) Nitrobenzene-d5 (SU)	8.26	82	1097455	50.10	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 100.20%			
40) 2-Fluorobiphenyl (SU)	12.45	172	1532754	48.06	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 96.12%			
62) 2,4,6-Tribromophenol (SU)	15.81	330	232292	50.97	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 50.97%			
74) Terphenyl-d14 (SU)	20.51	244	1105600	55.91	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 111.82%			
Target Compounds						Qvalue
3) Pyridine	2.39	79	1376515	43.73	ppm	# 1
4) n-Nitrosodimethylamine	2.47	74	1022045	47.62	ppm	86
5) bis(2-Chloroethyl)ether	6.56	93	1380914	50.52	ppm	92
6) Aniline	6.38	93	1647327	45.90	ppm	88
8) Phenol	6.56	94	1512950	50.06	ppm	# 63
9) 2-Chlorophenol	6.60	128	1039394	50.63	ppm	97
10) n-Decane	6.73	57	1958057	51.84	ppm	98
11) 1,3-Dichlorobenzene	6.83	146	914790	46.29	ppm	97
12) 1,4-Dichlorobenzene	6.95	146	1273141	52.37	ppm	99
13) 1,2-Dichlorobenzene	7.35	146	1055211	50.32	ppm	98
14) Benzyl alcohol	7.42	108	647946	49.68	ppm	99
15) bis(2-chloroisopropyl)ethe	7.75	45	3108958	53.40	ppm	80
16) 2-Methylphenol	7.81	107	826156m	51.88	ppm	
17) Hexachloroethane	8.00	117	450143	52.13	ppm	97
18) N-Nitroso-di-n-propylamine	8.10	70	926047	51.56	ppm	98
19) 4-Methylphenol	8.18	107	1131628	52.23	ppm	97
22) Nitrobenzene	8.30	77	1148183	50.55	ppm	100
23) Isophorone	8.88	82	2079005	48.65	ppm	100
24) 2-Nitrophenol	9.02	139	585342	51.95	ppm	99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 26 15:18 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	9.33	122	779203	48.45	ppm		99
26) bis(2-Chloroethoxy)methane	9.49	93	1325729	51.31	ppm		99
27) 2,4-Dichlorophenol	9.64	162	752594	51.25	ppm		99
28) 1,2,4-Trichlorobenzene	9.72	180	785338	50.69	ppm		99
29) Benzoic Acid	9.94	122	475494m	52.96	ppm		
30) Naphthalene	9.84	128	2220451	50.34	ppm		100
31) 4-Chloroaniline	10.14	127	979126	49.75	ppm		99
32) Hexachlorobutadiene	10.32	225	383016	48.79	ppm		99
33) 4-Chloro-3-methylphenol	11.45	107	669463	48.51	ppm	#	1
34) 2-Methylnaphthalene	11.46	141	1315076	50.77	ppm	#	71
35) 2,3-Dichloroaniline	12.25	161	787623	49.41	ppm		99
37) Hexachlorocyclopentadiene	12.01	237	227545	37.75	ppm		99
38) 2,4,6-Trichlorophenol	12.28	196	488390	50.91	ppm		100
39) 2,4,5-Trichlorophenol	12.40	196	537585	52.19	ppm		99
41) 2-Chloronaphthalene	12.57	162	1318689	48.75	ppm		99
42) 2-Nitroaniline	13.02	65	558872	50.63	ppm		99
43) 1,3-Dinitrobenzene	13.59	168	272339	47.79	ppm	#	52
44) Acenaphthylene	13.54	152	1959873	49.47	ppm		100
45) Dimethylphthalate	13.62	163	1523670	48.35	ppm		100
46) 2,6-Dinitrotoluene	13.73	165	408732	50.28	ppm		98
47) Acenaphthene	13.99	154	1222463	49.03	ppm		99
48) 3-Nitroaniline	14.03	138	367995	45.61	ppm		98
49) 2,4-Dinitrophenol	14.26	184	221966	44.87	ppm		99
50) Dibenzofuran	14.37	168	1748949	47.79	ppm		98
51) 2,4-Dinitrotoluene	14.62	165	508864	51.08	ppm		90
52) 4-Nitrophenol	14.72	109	112487	39.45	ppm	#	91
53) Fluorene	15.17	166	1418266	48.05	ppm		98
54) 4-Chlorophenyl-phenylether	15.27	204	712453	48.35	ppm		99
55) Diethylphthalate	15.29	149	1367129	46.75	ppm		99
56) Azobenzene	15.63	77	1892676	47.32	ppm		99
57) 4-Nitroaniline	15.51	138	287349	39.69	ppm		96
58) n-Octadecane	17.44	57	1469271	49.07	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.56	198	311252	53.58	ppm		86
61) n-Nitrosodiphenylamine	15.61	169	920819	50.14	ppm		96
63) 4-Bromophenyl-phenylether	16.39	248	397774	47.36	ppm		97
64) Hexachlorobenzene	16.63	284	459571	48.03	ppm		100
65) Pentachlorophenol	17.15	266	279148	51.76	ppm		98
66) Phenanthrene	17.39	178	1733385	48.89	ppm		99
67) Anthracene	17.49	178	1651408	46.68	ppm		99
68) Carbazole	17.97	167	1211265	40.03	ppm		100
69) Di-n-butylphthalate	19.00	149	2507742	49.41	ppm		100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 26 15:18 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	19.80	202	1793530	47.12 ppm	97
72) Pyrene	20.14	202	1777391	57.95 ppm	99
73) 2,2'-Dichlorobenzil	20.38	139	1357957	61.71 ppm	99
75) Benzidine	20.13	184	176709	19.40 ppm	97
76) Butylbenzylphthalate	21.34	149	956839	57.03 ppm	98
77) 3,3'-Dichlorobenzidine	21.98	252	357952	42.51 ppm	99
78) Benzo[a]anthracene	21.92	228	1188803	48.45 ppm	99
79) Chrysene	21.99	228	1039233	47.47 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.21	149	1220199	58.95 ppm	98
81) Di-n-octylphthalate	23.24	149	1634317	56.30 ppm	100
83) Benzo[b]fluoranthene	23.79	252	1024080	49.10 ppm	99
84) Benzo[k]fluoranthene	23.85	252	976446	49.98 ppm	98
85) Benzo[a]pyrene	24.49	252	872445	49.93 ppm	98
86) Indeno[1,2,3-cd]pyrene	27.14	276	776908	47.57 ppm	97
87) Dibenz[a,h]anthracene	27.20	278	826099	49.66 ppm	98
88) Benzo[g,h,i]perylene	27.65	276	822713	49.11 ppm	98

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

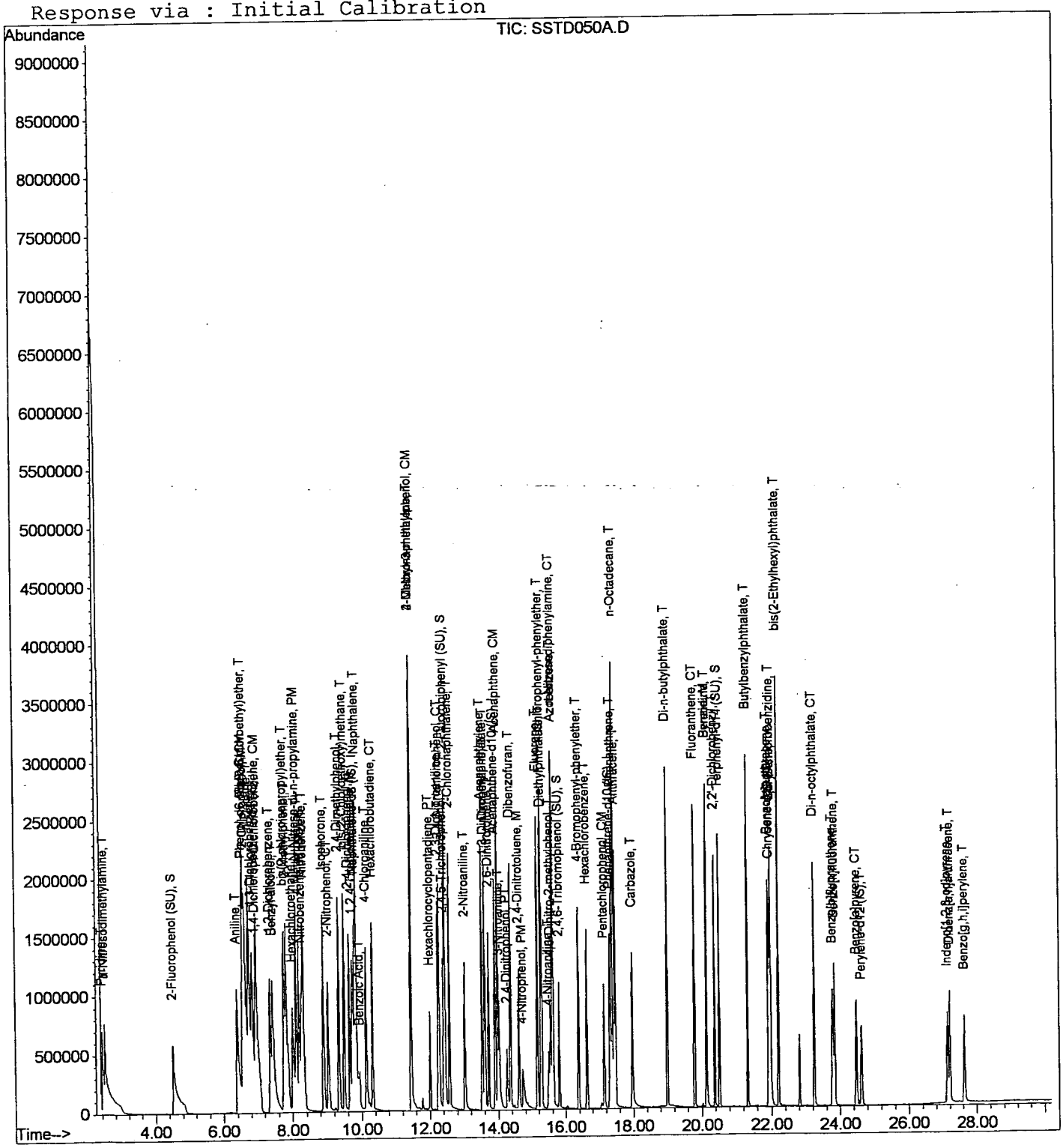
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 26 15:18 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

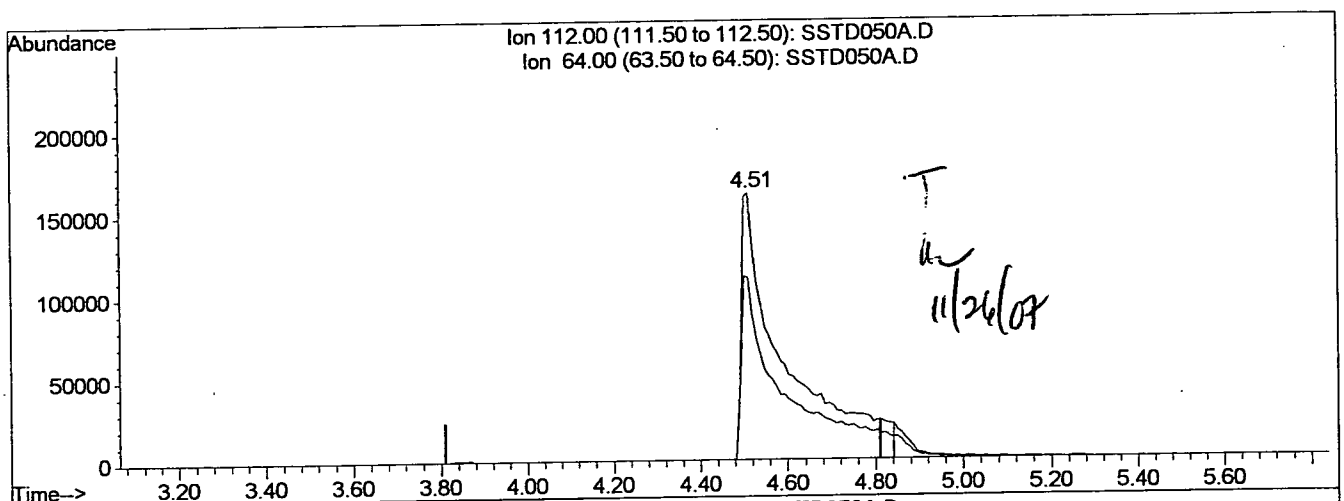


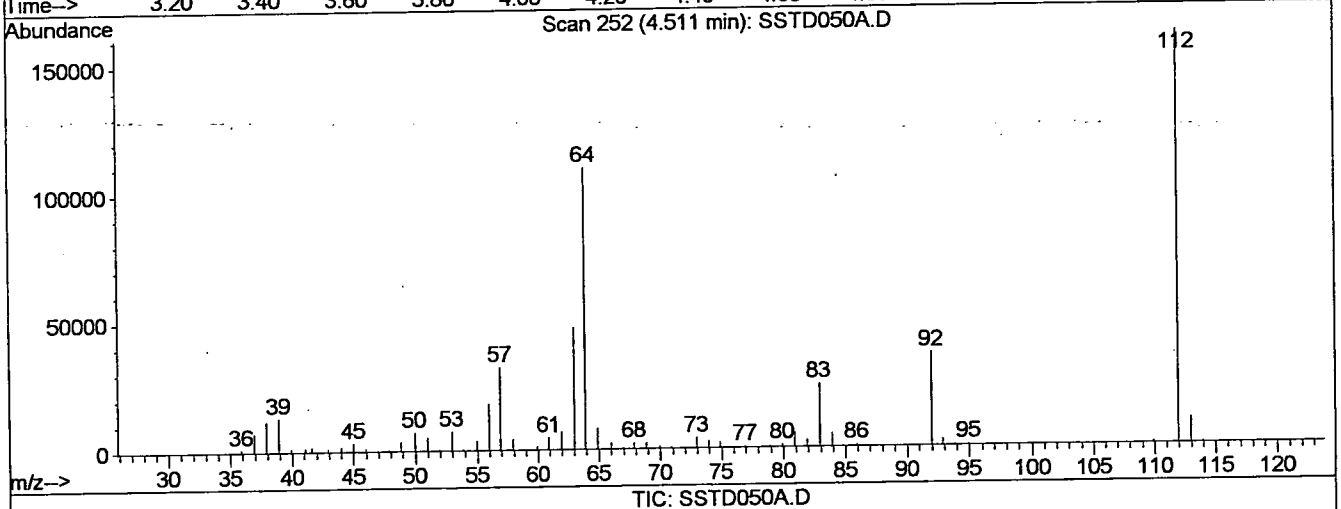
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
Quant Time: Nov 26 14:58 2007 QT Reprocessed

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: SSTD050A.D

(2) 2-Fluorophenol (SU) (S)

4.51min 49.51ppm

response 1088793

Ion	Exp%	Act%
112.00	100	100
64.00	70.20	69.53
0.00	0.00	0.00
0.00	0.00	0.00

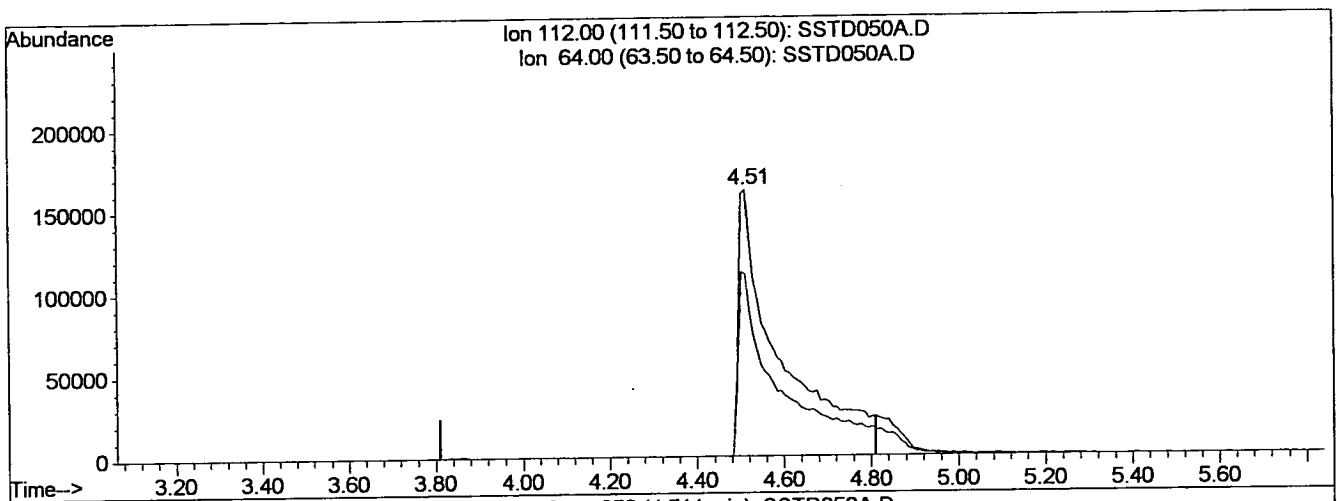
SSTD050A.D H7K07SV.M Mon Nov 26 15:18:30 2007

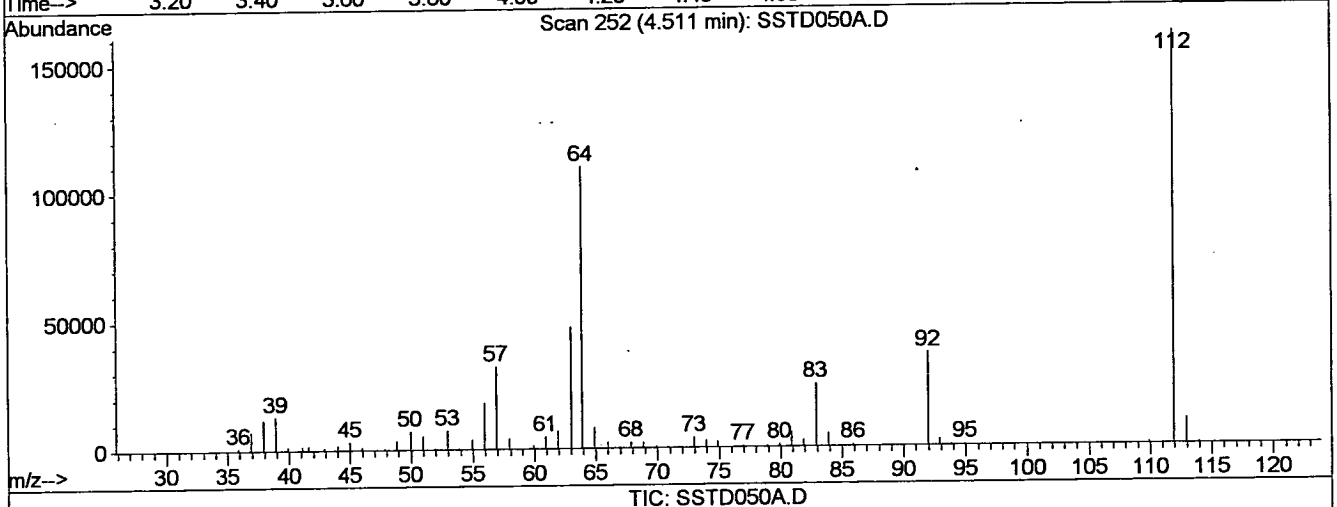
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
Quant Time: Nov 26 15:18 2007

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: SSTD050A.D

(2) 2-Fluorophenol (SU) (S)

4.51min 51.79ppm m

response 1139097

Ion	Exp%	Act%
112.00	100	100
64.00	70.20	66.46
0.00	0.00	0.00
0.00	0.00	0.00

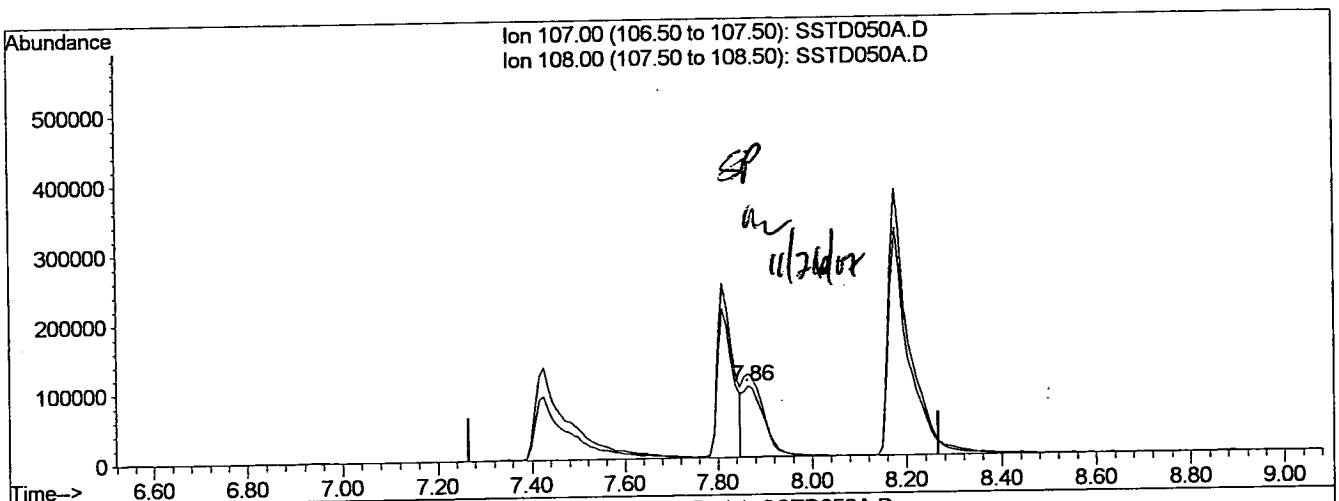
SSTD050A.D H7K07SV.M Mon Nov 26 15:18:34 2007

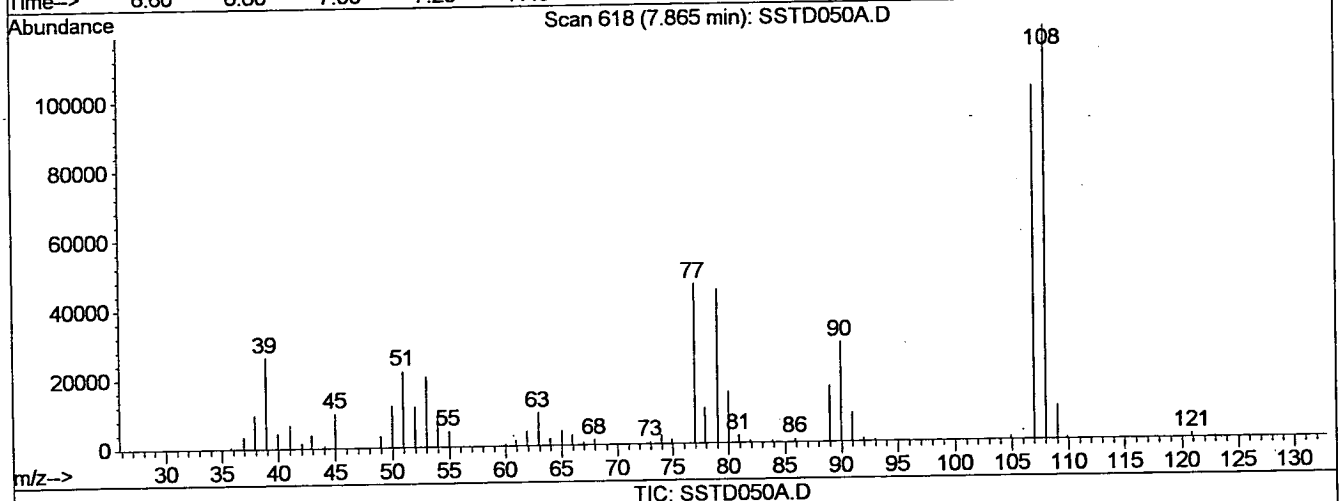
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
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: SSTD050A.D

(16) 2-Methylphenol (T)

7.86min 19.70ppm

response 313748

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	116.73
0.00	0.00	0.00
0.00	0.00	0.00

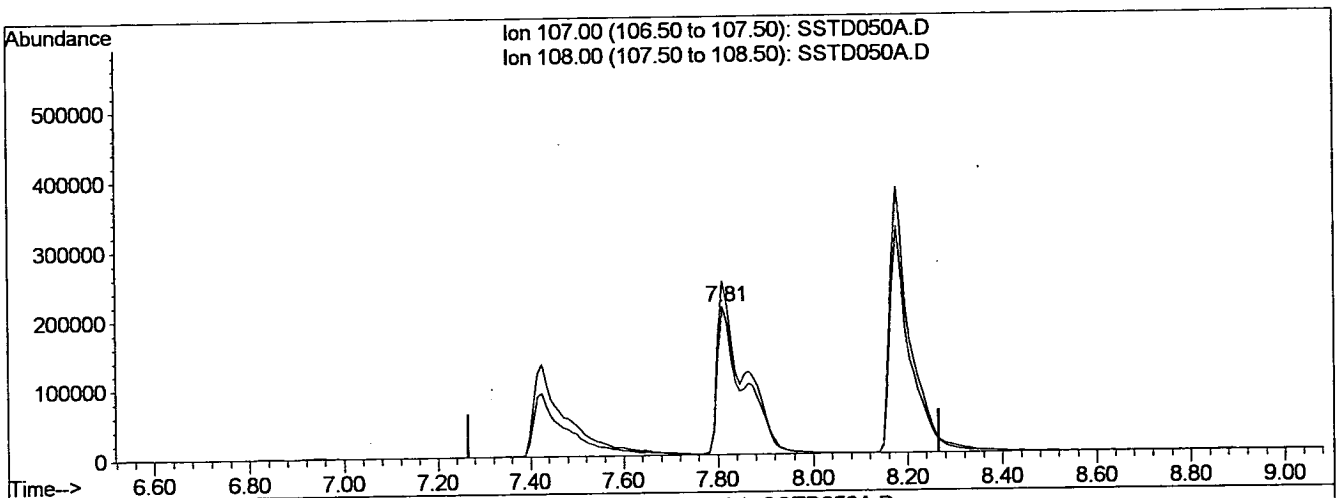
SSTD050A.D H7K07SV.M Mon Nov 26 15:18:42 2007

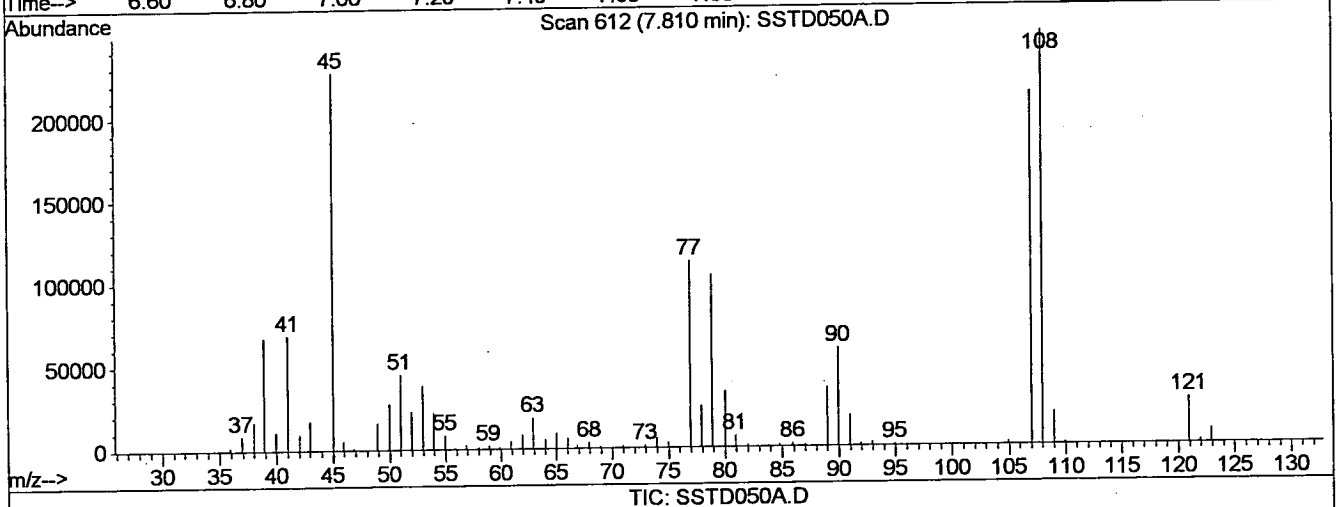
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
Quant Time: Nov 26 15:18 2007

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: SSTD050A.D

(16) 2-Methylphenol (T)

7.81min 51.88ppm m

response 826156

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	44.33#
0.00	0.00	0.00
0.00	0.00	0.00

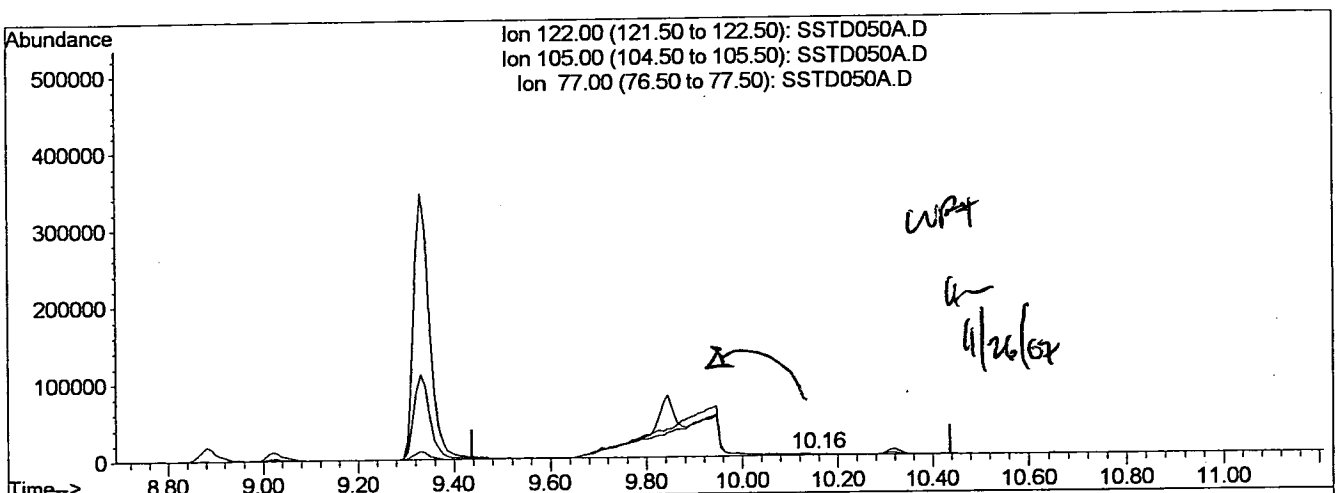
SSTD050A.D H7K07SV.M Mon Nov 26 15:18:46 2007

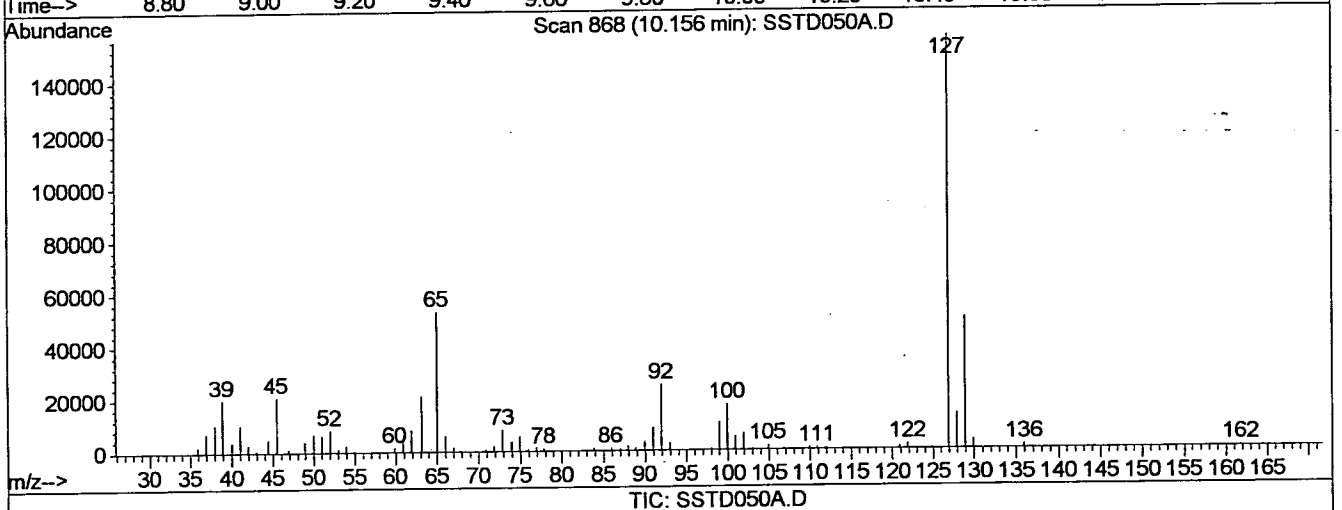
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
Quant Time: Nov 26 15:18:07 2007

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: SSTD050A.D

(29) Benzoic Acid (T)

10.16min 8.46ppm

response 2625

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	119.01
77.00	125.10	105.75
0.00	0.00	0.00

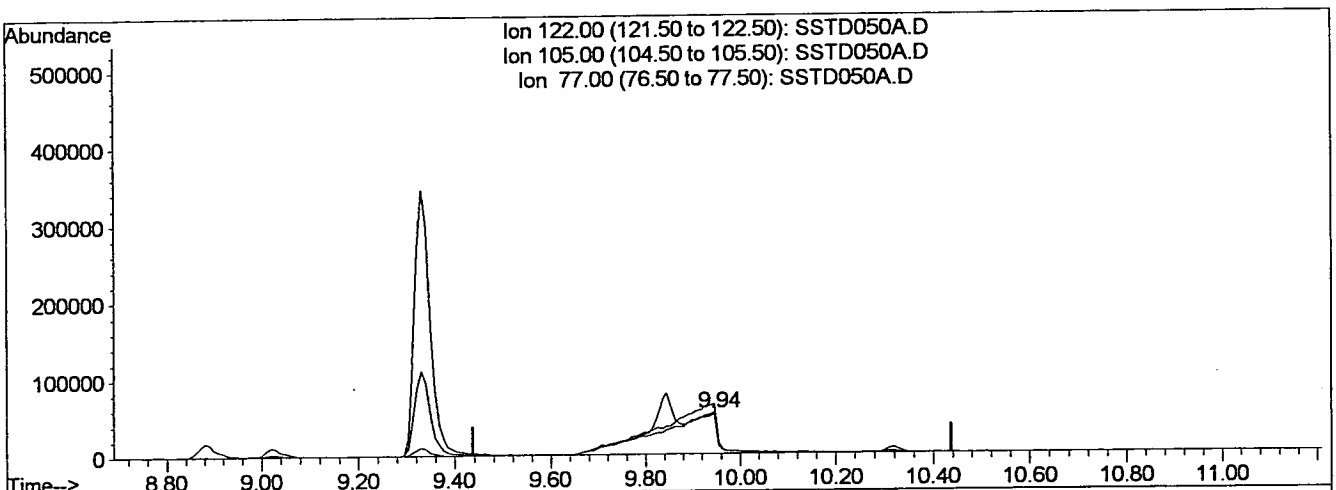
SSTD050A.D H7K07SV.M Mon Nov 26 15:18:55 2007

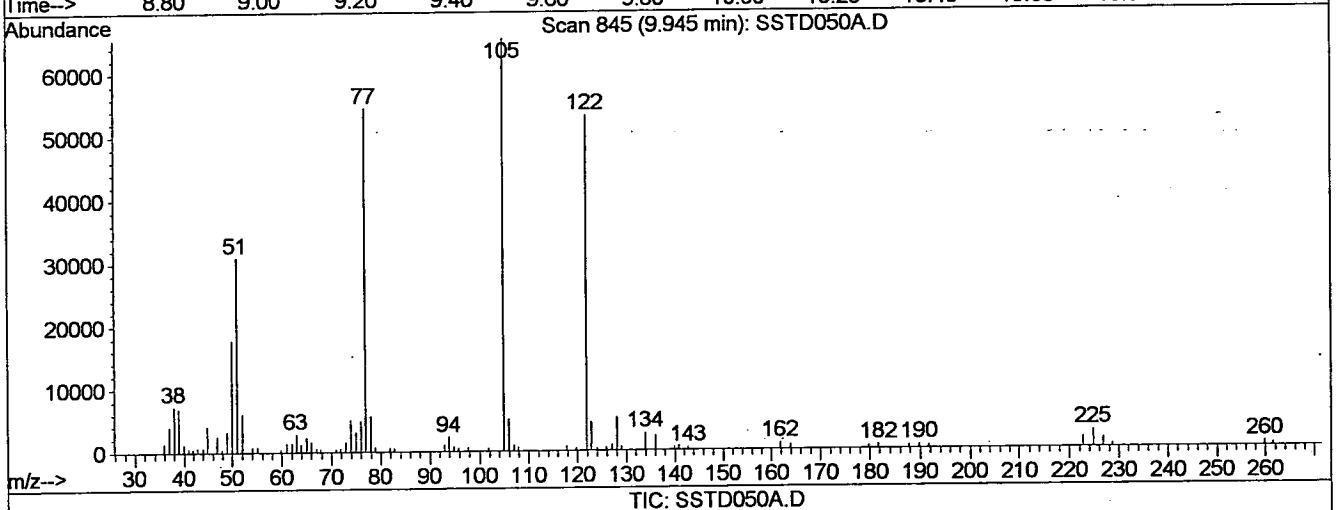
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
Misc : 8270/625 Midpoint
Quant Time: Nov 26 15:18:59 2007 Quant Method: RTE9N07P

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: SSTD050A.D

(29) Benzoic Acid (T)

9.94min 52.96ppm m

response 475494

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	0.66#
77.00	125.10	0.58#
0.00	0.00	0.00

SSTD050A.D H7K07SV.M Mon Nov 26 15:18:59 2007

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
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	128	0.09
2	S	2-Fluorophenol (SU)	1.531	1.586	-3.6	135	0.20
3	T	Pyridine	2.191	1.917	12.5	113	0.12
4	T	n-Nitrosodimethylamine	1.494	1.423	4.8	124	0.11
5	T	bis(2-Chloroethyl)ether	1.903	1.923	-1.1	141	0.10
6	T	Aniline	2.498	2.294	8.2	116	0.11
7	S	Phenol-d6 (SU)	1.985	2.110	-6.3	138	0.10
8	CM	Phenol	2.104	2.106	-0.1	129	0.09
9	M	2-Chlorophenol	1.429	1.447	-1.3	131	0.11
10	T	n-Decane	2.630	2.726	-3.7	134	0.09
11	T	1,3-Dichlorobenzene	1.376	1.274	7.4	119	0.09
12	CM	1,4-Dichlorobenzene	1.692	1.773	-4.8	133	0.08
13	T	1,2-Dichlorobenzene	1.460	1.469	-0.6	129	0.07
14	T	Benzyl alcohol	0.908	0.902	0.7	126	0.05
15	T	bis(2-chloroisopropyl)ether	4.053	4.329	-6.8	141	0.05
16	T	2-Methylphenol	1.109	1.150	-3.7	135	0.04
17	T	Hexachloroethane	0.601	0.627	-4.3	133	0.05
18	PM	N-Nitroso-di-n-propylamine	1.250	1.289	-3.1	134	0.03
19	T	4-Methylphenol	1.508	1.576	-4.5	135	0.03
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	128	0.00
21	S	Nitrobenzene-d5 (SU)	0.487	0.488	-0.2	128	0.04
22	T	Nitrobenzene	0.505	0.510	-1.0	131	0.03
23	T	Isophorone	0.949	0.924	2.6	127	0.02
24	CT	2-Nitrophenol	0.250	0.260	-4.0	129	0.02
25	T	2,4-Dimethylphenol	0.357	0.346	3.1	124	0.00
26	T	bis(2-Chloroethoxy)methane	0.574	0.589	-2.6	132	-0.01
27	CT	2,4-Dichlorophenol	0.326	0.334	-2.5	127	0.02
28	M	1,2,4-Trichlorobenzene	0.344	0.349	-1.5	129	0.02
29	T	Benzoic Acid	0.162	0.211	-30.2#	153	0.00
30	T	Naphthalene	0.980	0.987	-0.7	129	0.00
31	T	4-Chloroaniline	0.437	0.435	0.5	124	0.00
32	CT	Hexachlorobutadiene	0.174	0.170	2.3	122	0.00
33	CM	4-Chloro-3-methylphenol	0.307	0.297	3.3	122	0.00
34	T	2-Methylnaphthalene	0.576	0.584	-1.4	131	-0.01
35	T	2,3-Dichloroaniline	0.354	0.350	1.1	127	-0.01
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	131	-0.02
37	PT	Hexachlorocyclopentadiene	0.240	0.195	18.7	99	-0.01
38	CT	2,4,6-Trichlorophenol	0.410	0.418	-2.0	127	-0.01
39	T	2,4,5-Trichlorophenol	0.440	0.460	-4.5	128	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
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	1.311	3.9	128	-0.02
41	T	2-Chloronaphthalene	1.156	1.127	2.5	128	-0.02
42	T	2-Nitroaniline	0.472	0.478	-1.3	128	-0.01
43	T	1,3-Dinitrobenzene	0.235	0.233	0.9	125	-0.01
44	T	Acenaphthylene	1.694	1.676	1.1	129	-0.01
45	T	Dimethylphthalate	1.347	1.303	3.3	127	-0.02
46	T	2,6-Dinitrotoluene	0.348	0.349	-0.3	127	-0.02
47	CM	Acenaphthene	1.066	1.045	2.0	131	-0.02
48	T	3-Nitroaniline	0.345	0.315	8.7	118	-0.02
49	PT	2,4-Dinitrophenol	0.182	0.190	-4.4	120	-0.01
50	T	Dibenzofuran	1.564	1.495	4.4	125	-0.02
51	M	2,4-Dinitrotoluene	0.426	0.435	-2.1	127	-0.02
52	PM	4-Nitrophenol	0.115	0.096	16.5	107	0.03
53	T	Fluorene	1.262	1.213	3.9	125	-0.02
54	T	4-Chlorophenyl-phenylether	0.630	0.609	3.3	126	-0.02
55	T	Diethylphthalate	1.250	1.169	6.5	126	-0.03
56	T	Azobenzene	1.710	1.618	5.4	125	-0.03
57	T	4-Nitroaniline	0.309	0.246	20.4	100	-0.01
58	T	n-Octadecane	1.280	1.256	1.9	130	-0.02
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	124	-0.02
60	T	4,6-Dinitro-2-methylphenol	0.183	0.196	-7.1	122	-0.02
61	CT	n-Nitrosodiphenylamine	0.578	0.579	-0.2	126	-0.03
62	S	2,4,6-Tribromophenol (SU)	0.143	0.146	-2.1	122	-0.02
63	T	4-Bromophenyl-phenylether	0.264	0.250	5.3	118	-0.02
64	T	Hexachlorobenzene	0.301	0.289	4.0	122	-0.02
65	CM	Pentachlorophenol	0.170	0.176	-3.5	121	-0.01
66	T	Phenanthrene	1.115	1.091	2.2	124	-0.02
67	T	Anthracene	1.113	1.039	6.6	120	-0.02
68	T	Carbazole	0.952	0.762	20.0	106	-0.02
69	T	Di-n-butylphthalate	1.597	1.578	1.2	123	-0.02
70	CT	Fluoranthene	1.197	1.128	5.8	119	-0.02
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	100	-0.02
72	M	Pyrene	1.604	1.859	-15.9	119	-0.02
73	T	2,2'-Dichlorobenzil	1.151	1.420	-23.4	120	-0.01
74	S	Terphenyl-d14 (SU)	1.034	1.156	-11.8	111	-0.02
75	T	Benzidine	0.476	0.185	61.1#	37#	-0.01
76	T	Butylbenzylphthalate	0.877	1.001	-14.1	113	-0.02
77	T	3,3'-Dichlorobenzidine	0.440	0.374	15.0	82	-0.01
78	T	Benzo[a]anthracene	1.283	1.243	3.1	97	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV26\SSTD050A.D
Acq On : 26 Nov 2007 2:22 pm
Sample : 50ppm MP STD# 7110431
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	1.087	5.1	98	-0.02
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.276	-17.9	118	-0.03
81	CT	Di-n-octylphthalate	1.518	1.709	-12.6#	109	-0.04
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	82	-0.04
83	T	Benzo[b]fluoranthene	1.387	1.362	1.8	84	-0.03
84	T	Benzo[k]fluoranthene	1.300	1.299	0.1	89	-0.03
85	CT	Benzo[a]pyrene	1.162	1.161	0.1	82	-0.03
86	T	Indeno[1,2,3-cd]pyrene	1.086	1.034	4.8	74	-0.03
87	T	Dibenz[a,h]anthracene	1.106	1.099	0.6	74	-0.04
88	T	Benzo[g,h,i]perylene	1.114	1.094	1.8	74	-0.04

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV26\H1126012.D Vial: 14
Acq On : 26 Nov 2007 9:42 pm Operator: AMI/DF
Sample : IQK1956-01 Inst : GCMS8
Misc : WATER 1L/2ml ---- BATCH 7K19096 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 26 22:13 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

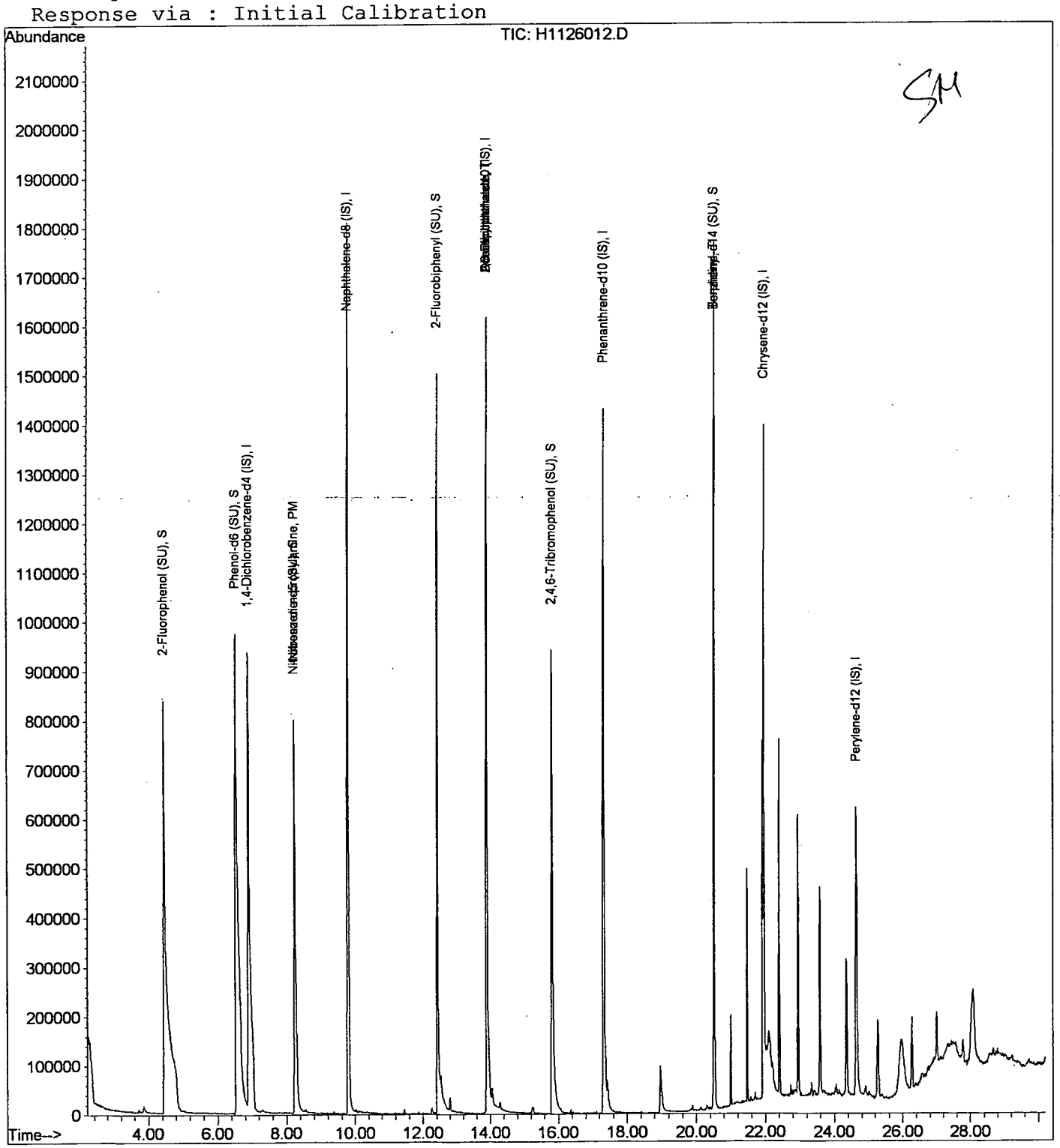
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	6.90	152	627324	40.00	ppm	0.07
20) Naphthalene-d8 (IS)	9.78	136	1961223	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	13.90	164	902131	40.00	ppm	-0.03
59) Phenanthrene-d10 (IS)	17.33	188	1207504	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	21.95	240	734818	40.00	ppm	-0.02
82) Perylene-d12 (IS)	24.64	264	596341	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.45	112	1422183	59.23	ppm	0.14
Spiked Amount 100.000	Range 30 - 120		Recovery = 59.23%			
7) Phenol-d6 (SU)	6.53	99	1897677	60.97	ppm	0.09
Spiked Amount 100.000	Range 40 - 120		Recovery = 60.97%			
21) Nitrobenzene-d5 (SU)	8.24	82	785520	32.91	ppm	0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 65.82%			
40) 2-Fluorobiphenyl (SU)	12.43	172	1139189	37.04	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 74.08%			
62) 2,4,6-Tribromophenol (SU)	15.82	330	354592	81.93	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.93%			
74) Terphenyl-d14 (SU)	20.51	244	850297	44.76	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 89.52%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.24	70	112728	~~5.75~~	ppm	# 80
45) Dimethylphthalate	13.91	163	185221	~~6.10~~	ppm	# 1
46) 2,6-Dinitrotoluene	13.90	165	115940	~~14.79~~	ppm	# 29
75) Benzidine	20.51	184	8237	~~0.94~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration
H1126012.D H7K07SV.M Mon Nov 26 22:13:26 2007 Page 1

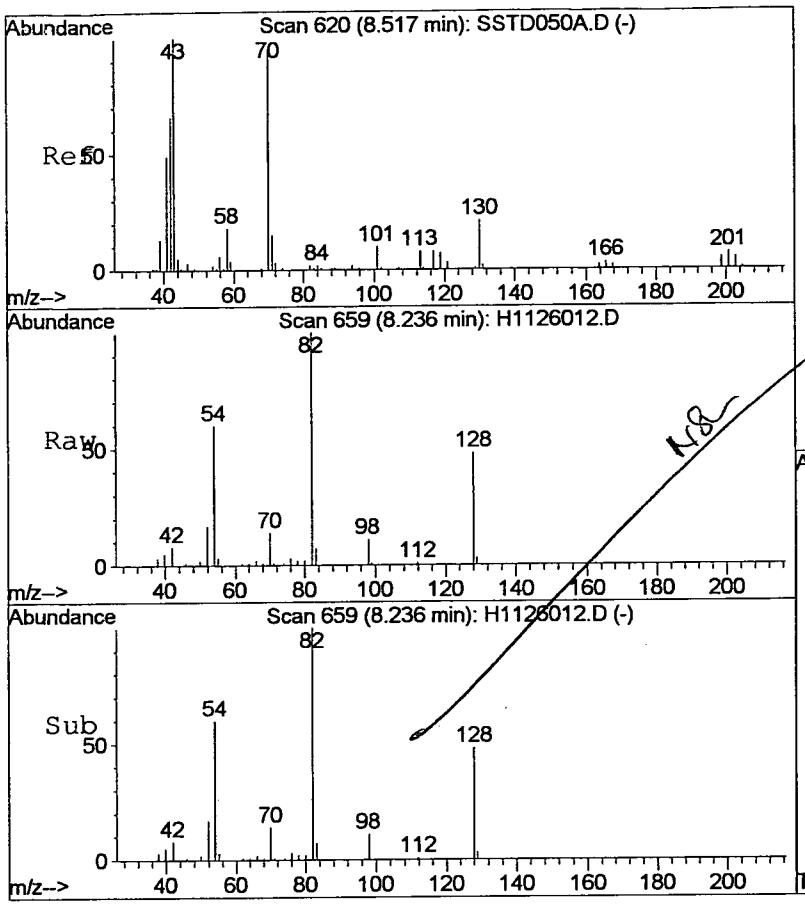
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV26\H1126012.D Vial: 14
Acq On : 26 Nov 2007 9:42 pm Operator: AMI/DF
Sample : IQK1956-01 Inst : GCMS8
Misc : WATER 1L/2ml ---- BATCH 7K19096 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 26 22:13 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



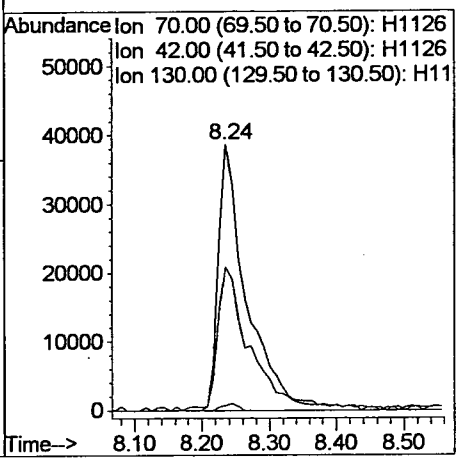
H1126012.D H7K07SV.M Mon Nov 26 22:13:27 2007 Page 2

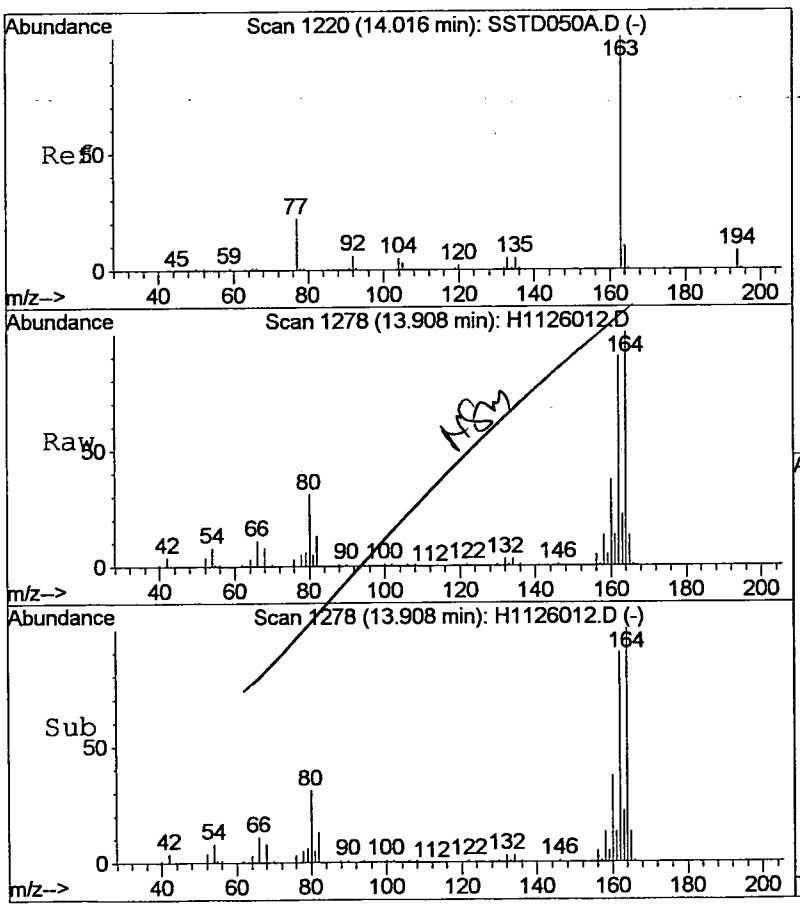


#18
N-Nitroso-di-n-propylamine
Concen: 5.75 ppm
RT: 8.24 min Scan# 659
Delta R.T. 0.16 min
Lab File: H1126012.D
Acq: 26 Nov 2007 9:42 pm

Tgt Ion: 70 Resp: 112728

Ion	Ratio	Lower	Upper
70	100		
42	60.4	51.2	91.2
130	1.4	2.4	42.4#

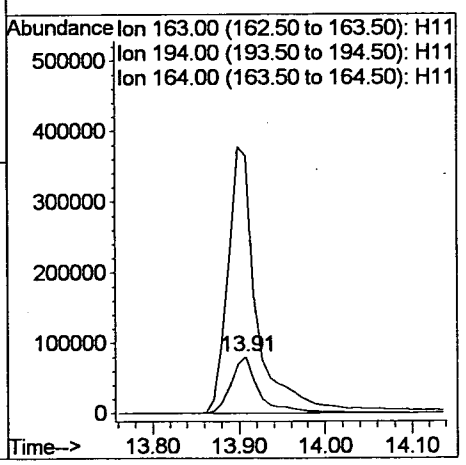


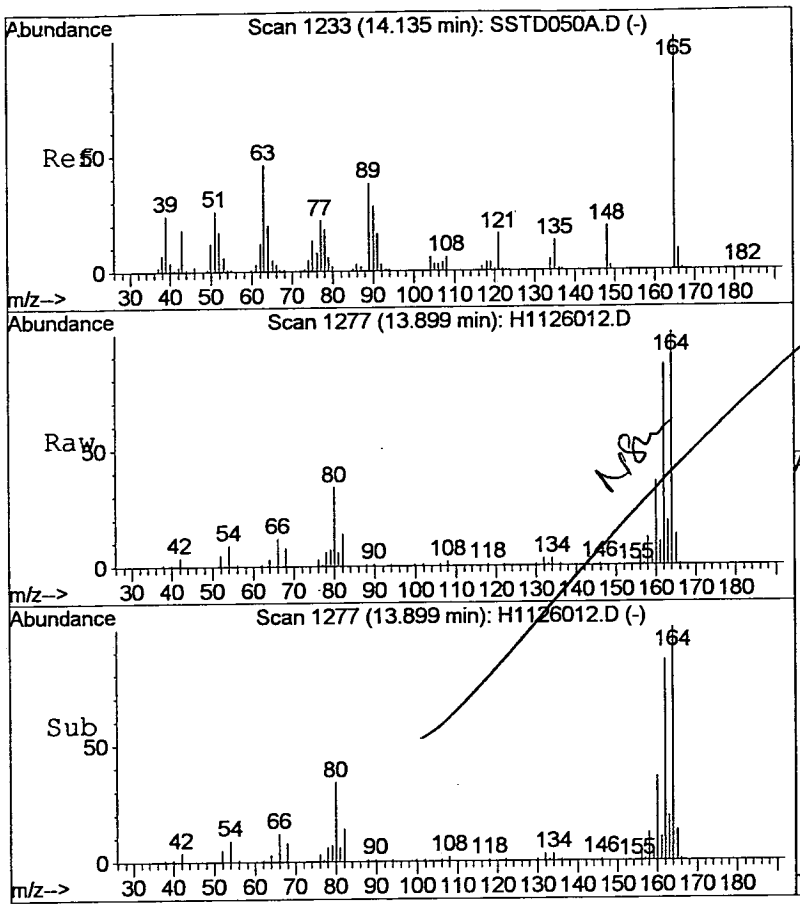


#45
Dimethylphthalate
Concen: 6.10 ppm
RT: 13.91 min Scan# 1278
Delta R.T. 0.27 min
Lab File: H1126012.D
Acq: 26 Nov 2007 9:42 pm

Tgt Ion:163 Resp: 185221

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.9
164	480.8	0.0	30.2#

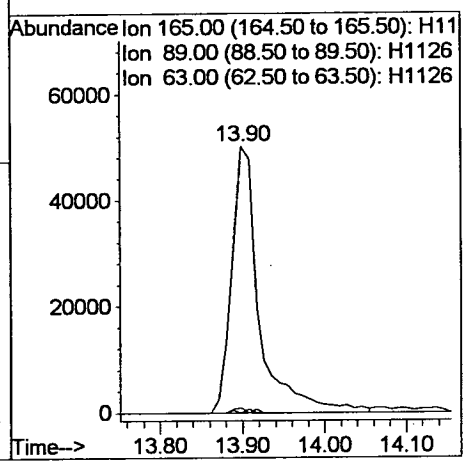


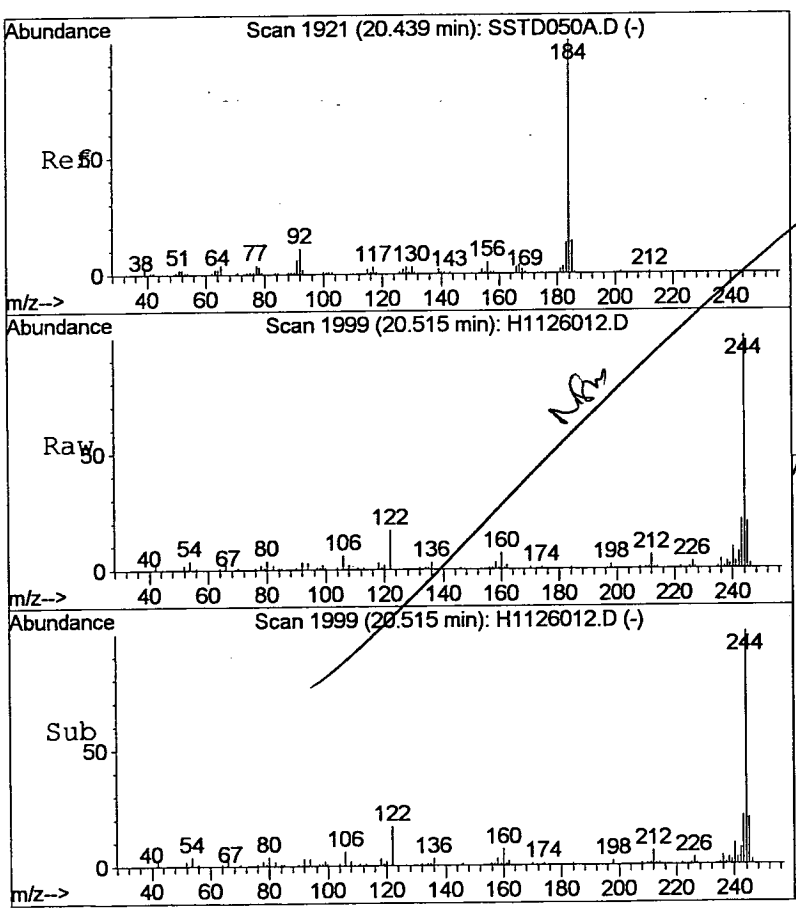


#46
2,6-Dinitrotoluene
Concen: 14.79 ppm
RT: 13.90 min Scan# 1277
Delta R.T. 0.15 min
Lab File: H1126012.D
Acq: 26 Nov 2007 9:42 pm

Tgt Ion:165 Resp: 115940

Ion	Ratio	Lower	Upper
165	100		
89	0.0	22.1	62.1#
63	1.1	34.6	74.6#

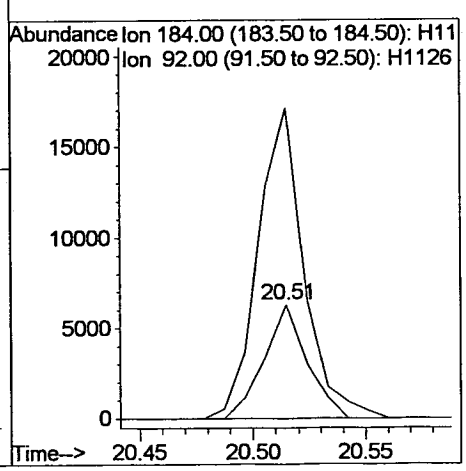




#75
Benzidine
Concen: 0.94 ppm
RT: 20.51 min Scan# 1999
Delta R.T. 0.37 min
Lab File: H1126012.D
Acq: 26 Nov 2007 9:42 pm

Tgt Ion:184 Resp: 8237

Ion	Ratio	Lower	Upper
184	100		
92	291.5	0.0	32.6#



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1956
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS G & F
20072263V1

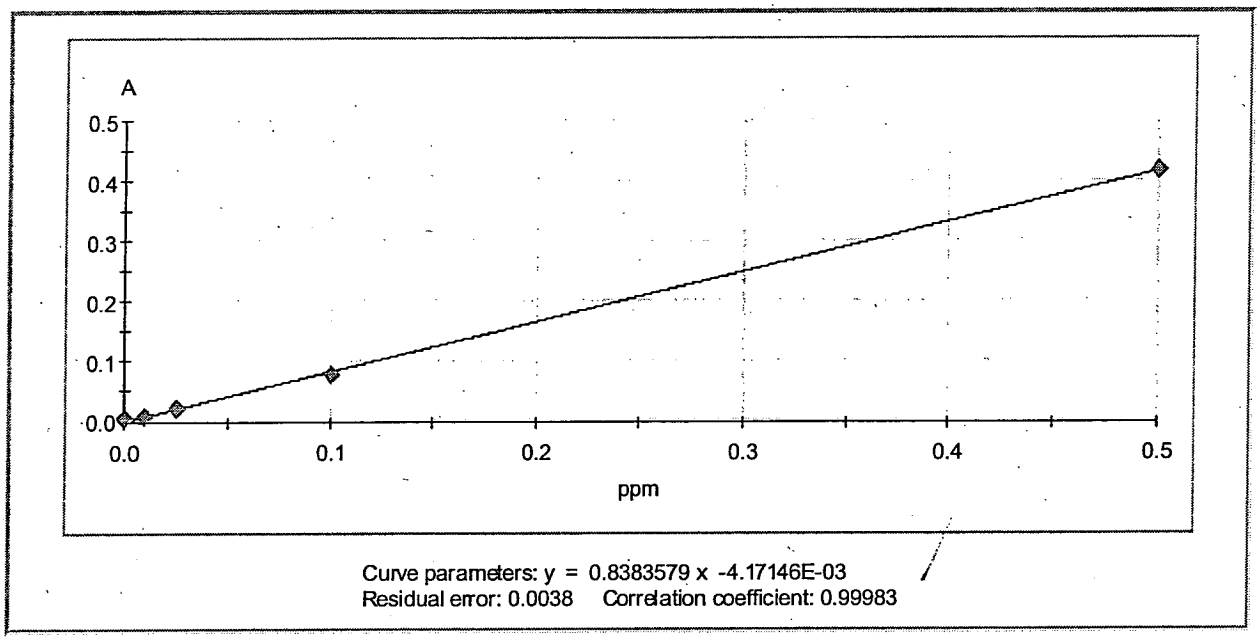
EPA 7196A LABORATORY RAW DATA

- 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**

7K17050

Method:	CHR111607.mqa
Last modified:	11/17/2007 11:30:24 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/17/2007 11:30:33 AM by inorg/IRV-GENESYS



Standard Data

No.	Concentration [ppm]	A	Error [A]	Used
1	0	0.000	0.004	Yes
2	0.01	0.004	-0.001	Yes
3	0.025	0.017	0.000	Yes
4	0.1	0.075	-0.005	Yes
5	0.5	0.416	0.001	Yes

ICV|CCV — 7110085

LCS|MS|MSD - 7110146

11/23/07

Method:	CHR111707.mqa
Last modified:	11/17/2007 11:31:55 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/17/2007 11:37:48 AM by inorg/IRV-GENESYS

Sample	Dilution Factor	Ordinate [A]	Concentration [ppm]
ICV[0.1]	1	0.076	0.09539
ICB	1	-0.001	0.00366
7K17050-MBLK	1	-0.002	0.00283
7K17050-LCS[0.1]	1	0.075	0.09444
IQK1917-04	1	0.003	0.00867 > 0.0016
IQK1917-04 BG	1	0.002	0.00712
IQK1917-04 MS	1	0.238	0.28898
IQK1917-04 MSD	1	0.236	0.28612
IQK1917-05	1	0.569	0.68380 > -0.0493
IQK1917-05 BG	1	0.610	0.73307 > -0.0025 RL1
IQK1917-05 10X	1	0.051	0.06593
IQK1917-05 BG	1	0.053	0.06843
CCV[0.3]	1	0.237	0.28731 ✓
CCB	1	-0.001	0.00426
IQK1917-06	1	1.145	1.37110 ✓
IQK1917-06 10X	1	0.117	0.14418 ✓ real
IQK1917-07	1	0.035	0.04649 > 0.0017
IQK1917-07 BG	1	0.033	0.04482
CCV[0.3]	1	0.237	0.28719 ✓
CCB	1	-0.002	0.00283

Method:	CHR111707.mqa
Last modified:	11/17/2007 11:31:55 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/17/2007 12:09:03 PM by inorg/IRV-GENESYS

Sample		Dilution Factor	Ordinate [A]	Concentration [ppm]
ICV[0.1]		1	0.075	0.09384
ICB		1	-0.002	0.00211
** IQK1917-08		1	0.369	0.44476
IQK1917-08	20X	1	0.116	0.14370
* IQK1917-09	10X	1	0.134	0.16493
* IQK1917-10	10X	1	0.097	0.12008
IQK1917-11	100X	1	1.297	1.55181
IQK1917-11	1000X	1	0.121	0.14895
CCV[0.3]		1	0.235	0.28481
CCB		1	-0.002	0.00307

* upon adding H_2SO_4 Samples had white ppt. (could be Sulfur) they were filtered to have a Clear Cr^{6+} Color.

Sample IQK1917-08 had two phases. It was analyzed by mixing both phases.

Method:	CHR111707.mqa
Last modified:	11/17/2007 11:31:55 AM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/17/2007 3:00:04 PM by inorg/IRV-GENESYS

Sample	Dilution Factor	Ordinate [A]	Concentration [ppm]
ICV[0.1]	1	0.079	0.09921
ICB	1	-0.001	0.00343
IQK1956-01	1	-0.002	0.00271
CCV[0.3]	1	0.241	0.29280
CCB	1	0.000	0.00533

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1956
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS G & F
20072263V1

EPA 300.1 MOD. 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\IC7QK29.mth
Printed by : inorg on: 11/30/2007 1:39:09 PM
Created by : inorg on: 11/30/2007 1:39:06 PM
Edited by : inorg on: 11/30/2007 1:39:06 PM
Number of Times Edited : 0
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 - Disable Peak Detection at 0.000
Event #2 - Valley Baselines On at 6.250
Event #3 - Enable Peak Detection at 6.350
Event #4 - Disable Peak Detection at 8.261
Event #5 - Valley Baselines On at 11.600
Event #6 - Enable Peak Detection at 11.650
Event #7 - 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

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

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 : 6.626 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	364455.90	32257.62	———	———	1
3	100.0000	2180020.40	189631.26	———	———	1
4	200.0000	3931197.90	340866.91	———	———	1
5	400.0000	8137022.00	708912.57	———	———	1

Calibration Curve : y = (5147.692768) + (20259.663494)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999066

BROMATE
Component Type : Single Peak Component
Retention Time : 7.408 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

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

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	5.0000	65617.97	5557.12	———	———	1
3	25.0000	361748.90	30253.83	———	———	1
4	50.0000	663828.80	54886.56	———	———	1
5	100.0000	1374766.40	111938.82	———	———	1

Calibration Curve : y = (606.307976) + (13682.947292)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999322

DCA
Component Type : Single Peak Component
Retention Time : 12.096 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	12639294.62	578836.79	———	———	1
2	1.0000	12797565.70	597044.94	———	———	1
3	1.0000	10452103.15	483927.78	———	———	1
4	1.0000	13052952.43	634869.01	———	———	1
5	1.0000	13149080.69	643326.85	———	———	1

Average Calibration Factor = 1.241820e+07 (%RSD = 9.00)

BROMIDE
Component Type : Single Peak Component
Retention Time : 13.118 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%

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

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	50.0000	1193106.60	60945.07	———	———	1
3	250.0000	6825253.60	349671.65	———	———	1
4	500.0000	12962306.60	666165.83	———	———	1

Calibration Curve : y = (18084.531906) + (26135.410808)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998984

CHLORATE
Component Type : Single Peak Component
Retention Time : 14.407 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	432158.40	19462.22	———	———	1
3	100.0000	2439301.60	108873.32	———	———	1
4	200.0000	4616635.70	204773.29	———	———	1
5	400.0000	9462219.00	421869.20	———	———	1

Calibration Curve : y = (-10159.672143) + (23612.656996)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999686

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
364455.90	32257.62	20.0000	———	———	11/30/2007	1:34:38 PM	H:\DATA\IC7\20071129\200711290005a.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2180020.40	189631.26	100.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290006a.rst

Level : 4

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
3931197.90	340866.91	200.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290007a.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
8137022.00	708912.57	400.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290008a.rst

Component : BROMATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
65617.97	5557.12	5.0000	———	———	11/30/2007	1:34:38 PM	H:\DATA\IC7\20071129\200711290005a.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
361748.90	30253.83	25.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290006a.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
663828.80	54886.56	50.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290007a.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1374766.40	111938.82	100.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290008a.rst

Component : DCA
Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
12639294.62	578836.79	1.0000	———	———	11/30/2007	1:34:38 PM

Area	File
12639294.62	H:\DATA\IC7\20071129\200711290004a.rst

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
12797565.70	597044.94	1.0000	———	———	11/30/2007	1:34:38 PM

Area	File
12797565.70	H:\DATA\IC7\20071129\200711290005a.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
10452103.15	483927.78	1.0000	———	———	11/30/2007	1:34:39 PM

Area	File
10452103.15	H:\DATA\IC7\20071129\200711290006a.rst

Level : 4

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
13052952.43	634869.01	1.0000	———	———	11/30/2007	1:34:39 PM

Area	File
13052952.43	H:\DATA\IC7\20071129\200711290007a.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
13149080.69	643326.85	1.0000	———	———	11/30/2007	1:34:39 PM

Area	File
13149080.69	H:\DATA\IC7\20071129\200711290008a.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
1193106.60	60945.07	50.0000	———	———	11/30/2007	1:34:38 PM	H:\DATA\IC7\20071129\200711290005a.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
6825253.60	349671.65	250.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290006a.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time
12962306.60	666165.83	500.0000	———	———	11/30/2007	1:34:39 PM

Area	File
12962306.60	H:\DATA\IC7\20071129\200711290007a.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
432158.40	19462.22	20.0000	———	———	11/30/2007	1:34:38 PM	H:\DATA\IC7\20071129\200711290005a.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2439301.60	108873.32	100.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290006a.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
4616635.70	204773.29	200.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290007a.rst

Level : 5

11/30/2007 1:39:09 PM Method: H:\DATA\IC7\IC7QK29.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
9462219.00	421869.20	400.0000	———	———	11/30/2007	1:34:39 PM	H:\DATA\IC7\20071129\200711290008a.rst

TotalChrom Sequence File H:\DATA\IC7\20071129\20071129.seq
Printed by : inorg on: 12/1/2007 5:32:06 PM
Created by : inorg on: 11/29/2007 7:36:58 PM
Edited by : inorg on: 12/1/2007 5:32:04 PM
Number of Times Edited : 4
Description:

Sequence File Header Information:

Number of Rows : 113
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	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	LEVEL 1	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	LEVEL 2	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	LEVEL 3	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	LEVEL 4	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	LEVEL 5	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	ICV	7K28107	7110130	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	LOW LEVEL	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	7K28107-BS1	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
12	Sample	7K28107-BLK1	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
13	Sample	7K27071-BS1	7K27071	7110129	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
14	Sample	7K27071-BLK1	7K27071	KS 12/3	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
15	Sample	IQK1873-03	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
16	Sample	IQK1873-04	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
17	Sample	IQK1873-05	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
18	Sample	IQK1873-06	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
19	Sample	IQK1976-01	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
20	Sample	7K27070-MS2	7K27070	IQK1976-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
21	Sample	7K27070-MSD2	7K27070	IQK1976-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
22	Sample	IQK1976-02	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
23	Sample	CCV	7K27070		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	CCB	7K27070		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	IQK1728-08	7K27070		1.000000	1.000000	1.000	20.000000	10.000000	1.000000	0.000000	100.000
26	Sample	IQK1872-09	7K27070		1.000000	1.000000	1.000	10.000000	10.000000	1.000000	0.000000	100.000
27	Sample	IQK1872-03	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
28	Sample	IQK2685-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK2685-02	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	7K28107-MS1	7K28107	IQK2685-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample	7K28107-MSD1	7K28107	IQK2685-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample	IQK1901-03	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
33	Sample	IQK1901-04	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
34	Sample	IQK1901-05	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
35	Sample	CCV	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample	CCB	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
37	Sample	IQK1901-06	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
38	Sample	IQK1901-07	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
39	Sample	IQK1901-08	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
40	Sample	IQK1901-12	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
41	Sample	IQK1901-13	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
42	Sample	IQK1901-15	7K27071		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK1901-16	7K27071		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
44	Sample	IQK1853-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	7K27071-MS1	7K27071	IQK1853-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample	7K27071-MSD1	7K27071	IQK1853-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
47	Sample	CCV	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
48	Sample	CCB	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample	IQK1790-03	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
50	Sample	IQK1790-04	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample	IQK1790-05	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample	IQK1790-06	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample	IQK1797-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample	7K27071-MS2	7K27071	IQK1797-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
55	Sample	7K27071-MSD2	7K27071	IQK1797-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
56	Sample	IQK1797-02	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample	IQK1934-04	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample	IQK1935-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

12/1/2007 5:32:06 PM Sequence: H:\DATA\IC7\20071129\20071129.seq

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
59	Sample	IQK1947-01	7K27071		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
60	Sample	CCV 43	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
61	Sample	CCB 44	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
62	Sample	LOW LEVEL 49	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
63	Sample	IQK1956-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
64	Sample	IQK2174-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
65	Sample	IQK2175-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
66	Sample	IQK2277-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
67	Sample	IQK2520-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
68	Sample	7K28107-MS2	7K28107	IQK2520-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
69	Sample	7K28107-MSD2	7K28107	IQK2520-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
70	Sample	IQK2520-02	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
71	Sample	IQK2520-03	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
72	Sample	CCV 43	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
73	Sample	CCB 44	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
74	Sample	IQK2520-04	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
75	Sample	7L01075-BS1 42	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
76	Sample	7L01075-BLK1 47	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
77	Sample	IQK1976-03 48	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
78	Sample	IQK1976-04	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
79	Sample	IQK1976-05	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
80	Sample	IQK1976-06	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
81	Sample	IQK1976-07	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
82	Sample	IQK1977-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
83	Sample	7L01075-MS1	7L01075	IQK1977-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
84	Sample	CCV 45	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
85	Sample	CCB 46	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
86	Sample	7L01075-MSD1	7L01075	IQK1977-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
87	Sample	IQK1977-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
88	Sample	IQK1978-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
89	Sample	IQK1978-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
90	Sample	IQK1978-03	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
91	Sample	IQK1978-04	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
92	Sample	IQK1979-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
93	Sample	IQK1979-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
94	Sample	IQK2275-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
95	Sample	7L01075-MS2	7L01075	IQK2275-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
96	Sample	CCV 45	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
97	Sample	CCB 46	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
98	Sample	7L01075-MSD2	7L01075	IQK2275-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
99	Sample	IQK2275-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
100	Sample	IQK2275-03	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
101	Sample	IQK2275-04	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
102	Sample	IQK2275-05	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
103	Sample	IQK2275-06	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
104	Sample	IQK2275-07	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
105	Sample	CCV 43	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
106	Sample	CCB 44	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
107	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
108	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
109	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
110	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
111	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
112	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
113	Sample		7L01075		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\20071129\200711290001		H:\DATA<Chan>	-	-	-	Default	Default
2	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290002		H:\DATA<Chan>	-	-	-	Default	Default
3	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290003		H:\DATA<Chan>	-	-	-	Default	Default
4	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290004		H:\DATA<Chan>	-	-	-	Default	Default
5	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290005		H:\DATA<Chan>	-	-	-	Default	Default
6	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290006		H:\DATA<Chan>	-	-	-	Default	Default
7	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290007		H:\DATA<Chan>	-	-	-	Default	Default
8	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290008		H:\DATA<Chan>	-	-	-	Default	Default
9	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290009		H:\DATA<Chan>	-	-	-	Default	Default
10	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290010		H:\DATA<Chan>	-	-	-	Default	Default
11	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290011		H:\DATA<Chan>	-	-	-	Default	Default
12	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290012		H:\DATA<Chan>	-	-	-	Default	Default
13	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290013		H:\DATA<Chan>	-	-	-	Default	Default
14	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290014		H:\DATA<Chan>	-	-	-	Default	Default
15	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290015		H:\DATA<Chan>	-	-	-	Default	Default
16	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290016		H:\DATA<Chan>	-	-	-	Default	Default
17	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290017		H:\DATA<Chan>	-	-	-	Default	Default
18	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290018		H:\DATA<Chan>	-	-	-	Default	Default
19	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290019		H:\DATA<Chan>	-	-	-	Default	Default
20	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290020		H:\DATA<Chan>	-	-	-	Default	Default
21	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290021		H:\DATA<Chan>	-	-	-	Default	Default
22	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290022		H:\DATA<Chan>	-	-	-	Default	Default
23	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290023		H:\DATA<Chan>	-	-	-	Default	Default
24	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290024		H:\DATA<Chan>	-	-	-	Default	Default
25	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290025		H:\DATA<Chan>	-	-	-	Default	Default

CALIBRATION CHECKLIST

EPA 300.1– Inorganic Anions (Part B) IC

Analyst:	KS	2nd Level Review:	
Analysis Date:	11/29/07	Date:	12/10/07
IC #:	7	Original Calibration date:	11/6/07
Method used:	300.1	Original Calibration file #:	IC7QK05

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, ICV: 711030 / IC7QK29.mth
✓	✓	• ~~Standard preparation:~~
✓	✓	• Supplier: UltraScientific, 025i
✓	✓	• ~~Standard Lot #~~:
✓	✓	• ~~Calibration Chart~~:

Comments: _____

Software Version	: 6.2.1.0.106:0106	Date	: 11/29/2007 11:07:14 PM
Reprocess Number	: ic: 155392		
Operator	: inorg	Sample Name	: BLK
Sample Number	: 7K28107	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	: 11/29/2007 10:46:55 PM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071129\200711290003.raw
Result File : H:\DATA\IC7\20071129\200711290003.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290003.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290003.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.60	0.00	0.0000	0.0000	
BROMATE	7.40	0.00	0.0000	0.0000	
DCA	12.07	1.32e+07	1.0840	1.0840	
BROMIDE	13.00	0.00	0.0000	0.0000	
CHLORATE	14.25	809.90	1.8767	1.8767	*
		1.32e+07	2.9607	2.9607	

* Warning -- uncalibrated levels encountered

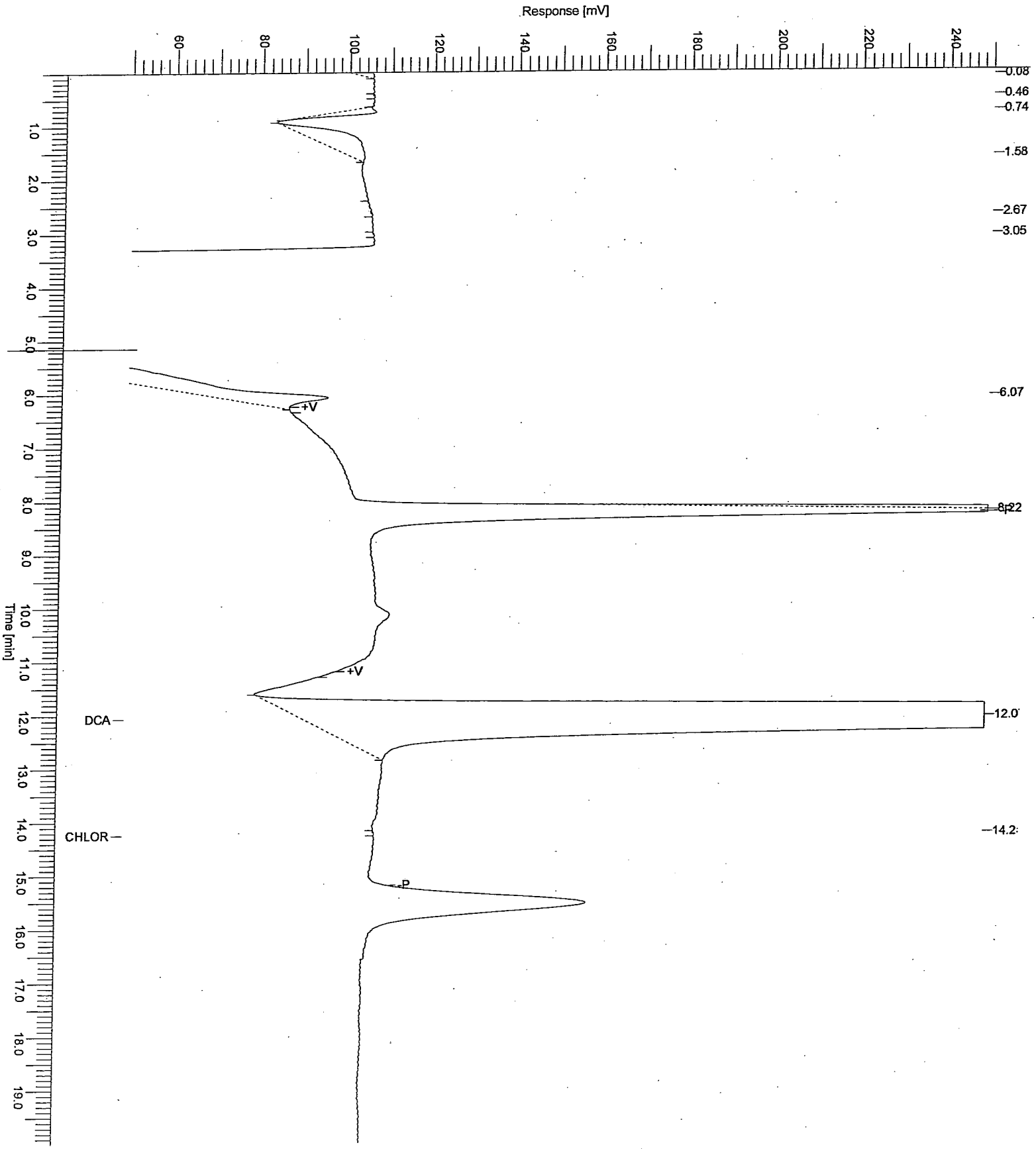
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.600
BROMATE	7.400
BROMIDE	13.000

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290003.TX0

Chromatogram

Sample Name : BLK Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290003.raw
Date : 11/29/2007 11:07:15 PM
Method : ic7qk06a.mth Time of Injection: 11/29/2007 10:46:55 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



Software Version	: 6.2.1.0.106:0106	Date	: 11/30/2007 1:27:13 PM
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K28107	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	: 11/29/2007 11:37:51 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071129\200711290004.raw
Result File : H:\DATA\IC7\20071129\200711290004a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.60	0.00	0.0000	0.0000	
BROMATE	7.40	0.00	0.0000	0.0000	
DCA	12.08	1.26e+07	1.0345	1.0345	
BROMIDE	13.00	0.00	0.0000	0.0000	
CHLORATE	14.20	0.00	0.0000	0.0000	
		1.26e+07	1.0345	1.0345	

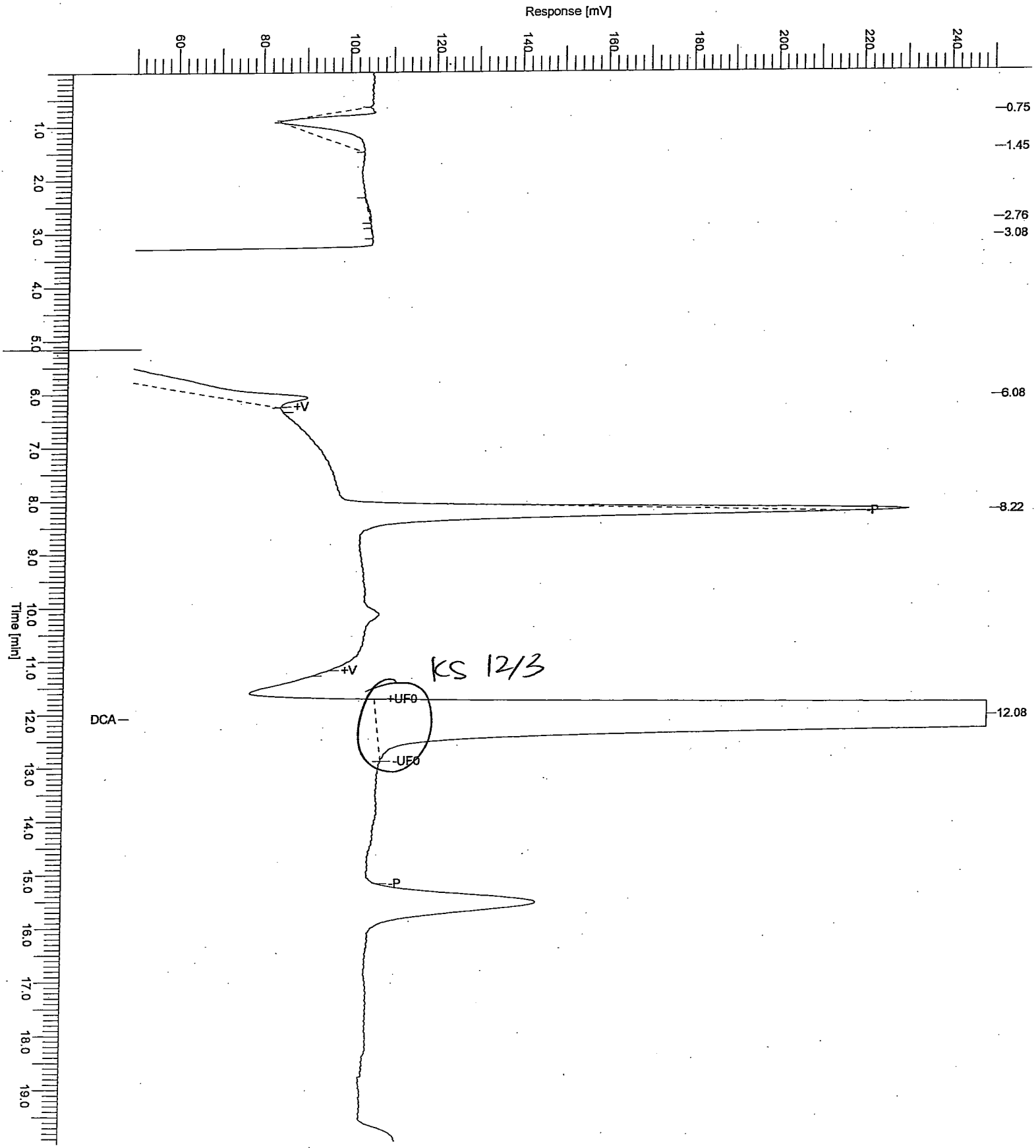
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.600
BROMATE	7.400
BROMIDE	13.000
CHLORATE	14.200

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290004a.TX0

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290004.raw
Date : 11/30/2007 1:27:15 PM
Method :
Time of Injection: 11/29/2007 11:37:51 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	: 11/29/2007 11:58:06 PM
Reprocess Number	: ic: 155404		
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K28107	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	: 11/29/2007 11:37:51 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071129\200711290004.raw
Result File : H:\DATA\IC7\20071129\200711290004.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290004.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.60	0.00	0.0000	0.0000	
BROMATE	7.40	0.00	0.0000	0.0000	
DCA	12.08	1.36e+07	1.1138	1.1138	
BROMIDE	13.00	0.00	0.0000	0.0000	
CHLORATE	14.20	0.00	0.0000	0.0000	
		1.36e+07	1.1138	1.1138	

Manual integration
DCA KS 12/3

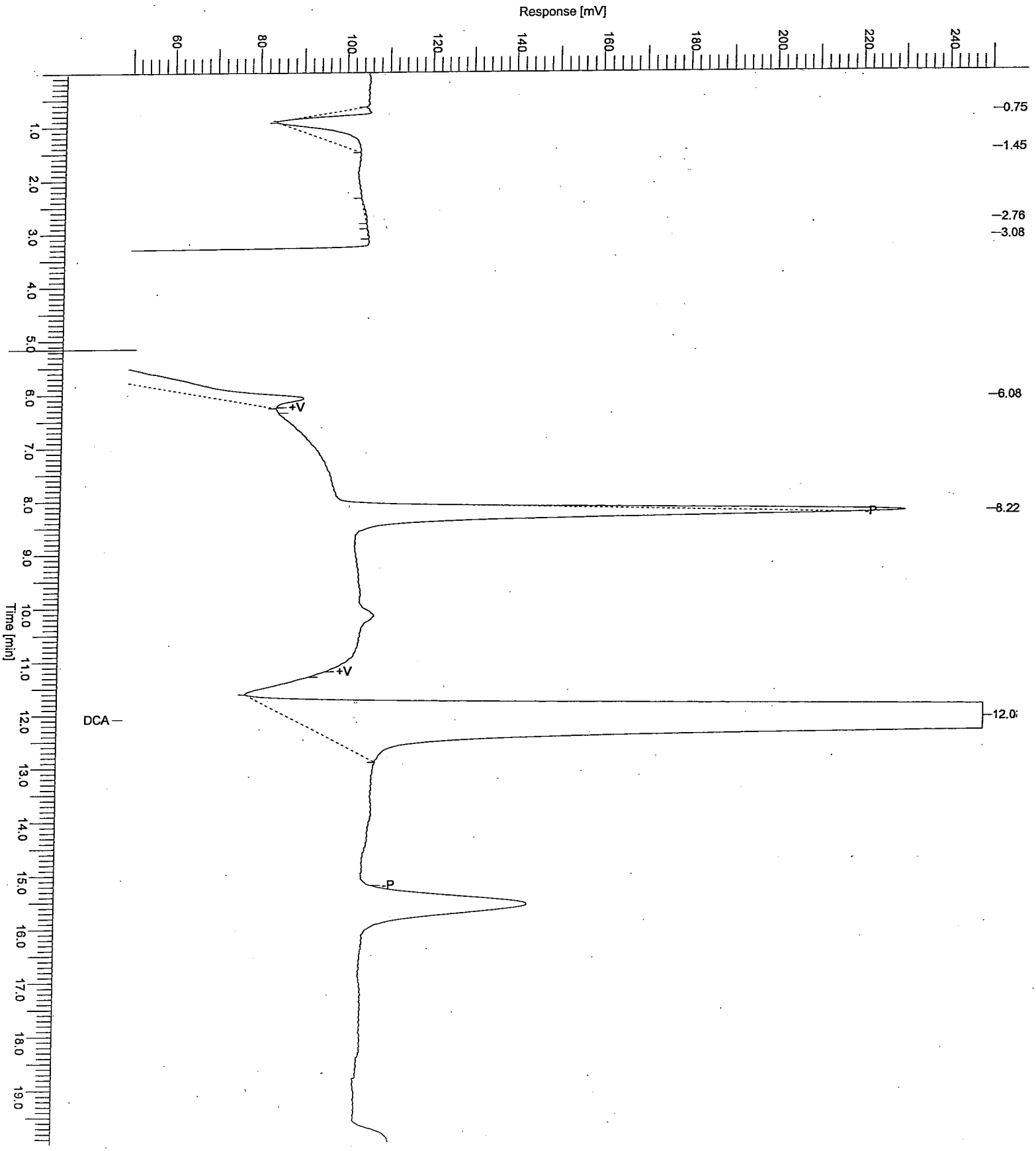
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.600
BROMATE	7.400
BROMIDE	13.000
CHLORATE	14.200

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290004.TX0

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290004.raw
Date : 11/29/2007 11:58:07 PM
Method : ic7qk06a.mth Time of Injection: 11/29/2007 11:37:51 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	: 11/30/2007 1:30:22 PM
Operator	: inorg	Sample Name	: LEVEL 2
Sample Number	: 7K28107	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	: 11/30/2007 12:28:52 AM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071129\200711290005.raw
Result File : H:\DATA\IC7\20071129\200711290005a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	364455.90	15.5534	15.5534	*
BROMATE	7.41	65617.97	4.9187	4.9187	*
DCA	12.10	1.28e+07	1.0474	1.0474	
BROMIDE	13.14	1193106.60	51.2574	51.2574	*
CHLORATE	14.41	432158.40	20.5707	20.5707	*
		1.49e+07	93.3477	93.3477	

* Warning – uncalibrated levels encountered

Missing Component Report

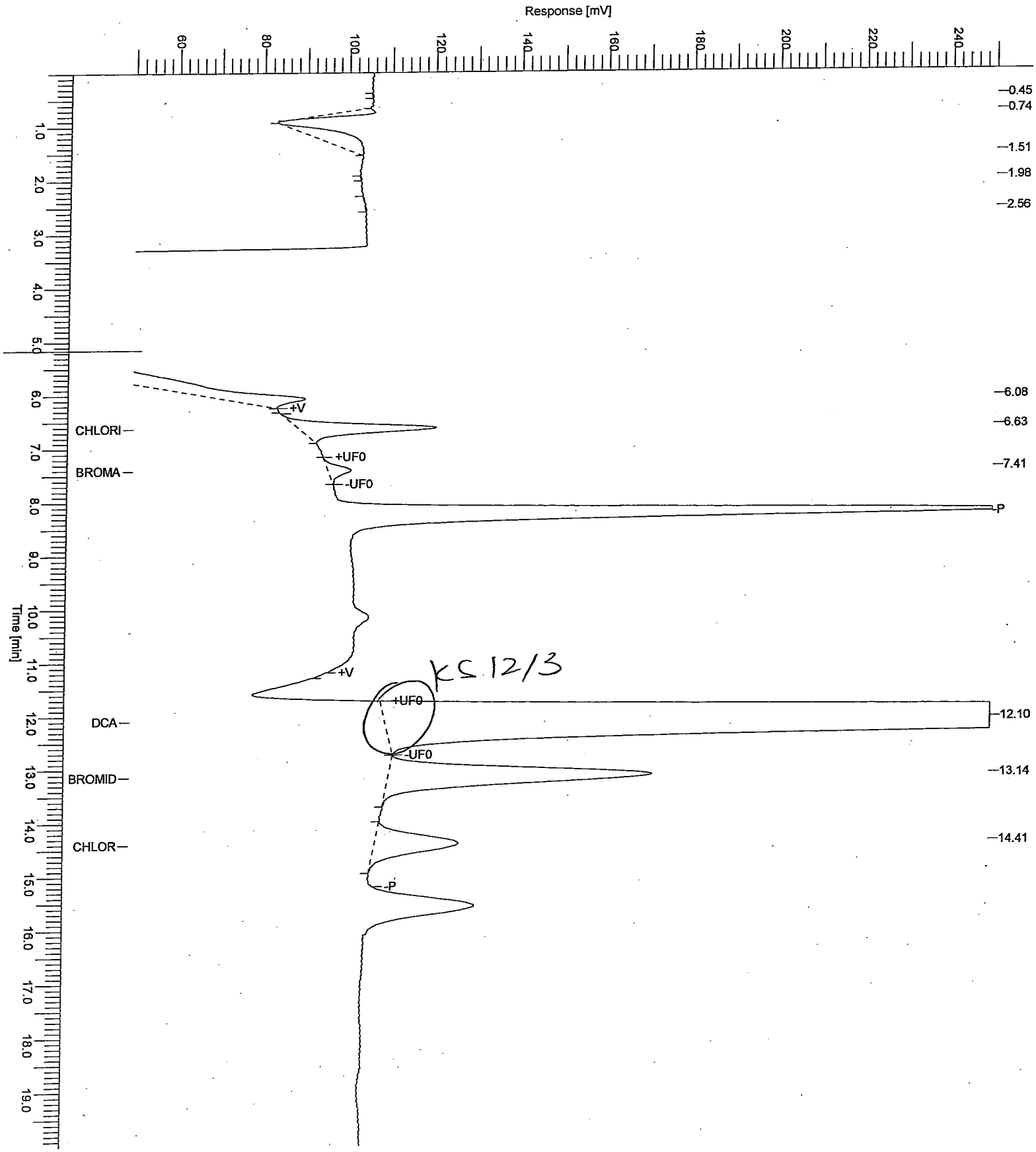
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290005a.TX0

Chromatogram

Sample Name : LEVEL 2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290005.raw
Date : 11/30/2007 1:30:23 PM
Method : Time of Injection: 11/30/2007 12:28:52 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	: 11/30/2007 12:49:11 AM
Reprocess Number	: ic: 155412		
Operator	: inorg	Sample Name	: LEVEL 2
Sample Number	: 7K28107	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	: 11/30/2007 12:28:52 AM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071129\200711290005.raw
Result File : H:\DATA\IC7\20071129\200711290005.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290005.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	364455.90	15.5534	15.5534	*
BROMATE	7.41	75097.00	5.6795	5.6795	*
DCA	12.10	1.37e+07	1.1179	1.1179	
BROMIDE	13.14	1193106.60	51.2574	51.2574	*
CHLORATE	14.41	432158.40	20.5707	20.5707	*
		1.57e+07	94.1789	94.1789	

Manual integration DCA
KS 12/3

* Warning – uncalibrated levels encountered

Missing Component Report

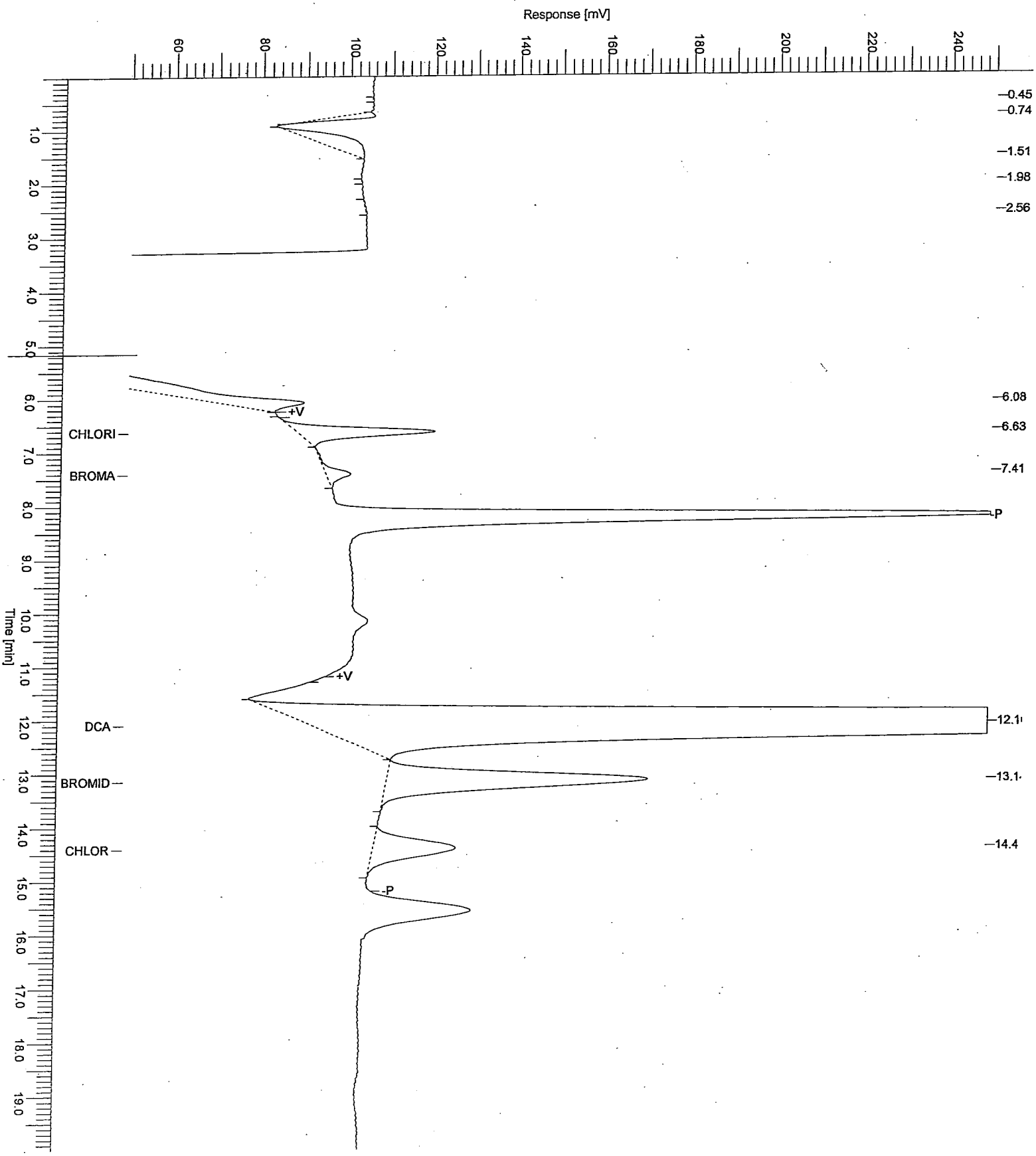
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290005.TX0

Chromatogram

Sample Name : LEVEL 2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290005.raw
Date : 11/30/2007 12:49:13 AM
Method : ic7qk06a.mth Time of Injection: 11/30/2007 12:28:52 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	: 11/30/2007 1:31:30 PM
Operator	: inorg	Sample Name	: LEVEL 3
Sample Number	: 7K28107	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	: 11/30/2007 1:19:53 AM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071129\200711290006.raw
Result File : H:\DATA\IC7\20071129\200711290006a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.64	2180020.40	83.6696	83.6696	*
BROMATE	7.42	361748.90	28.6860	28.6860	*
DCA	12.10	1.05e+07	0.8555	0.8555	
BROMIDE	13.16	6825253.60	269.7684	269.7684	*
CHLORATE	14.42	2439301.60	107.5577	107.5577	*
		2.23e+07	490.5372	490.5372	

* Warning -- uncalibrated levels encountered

Missing Component Report

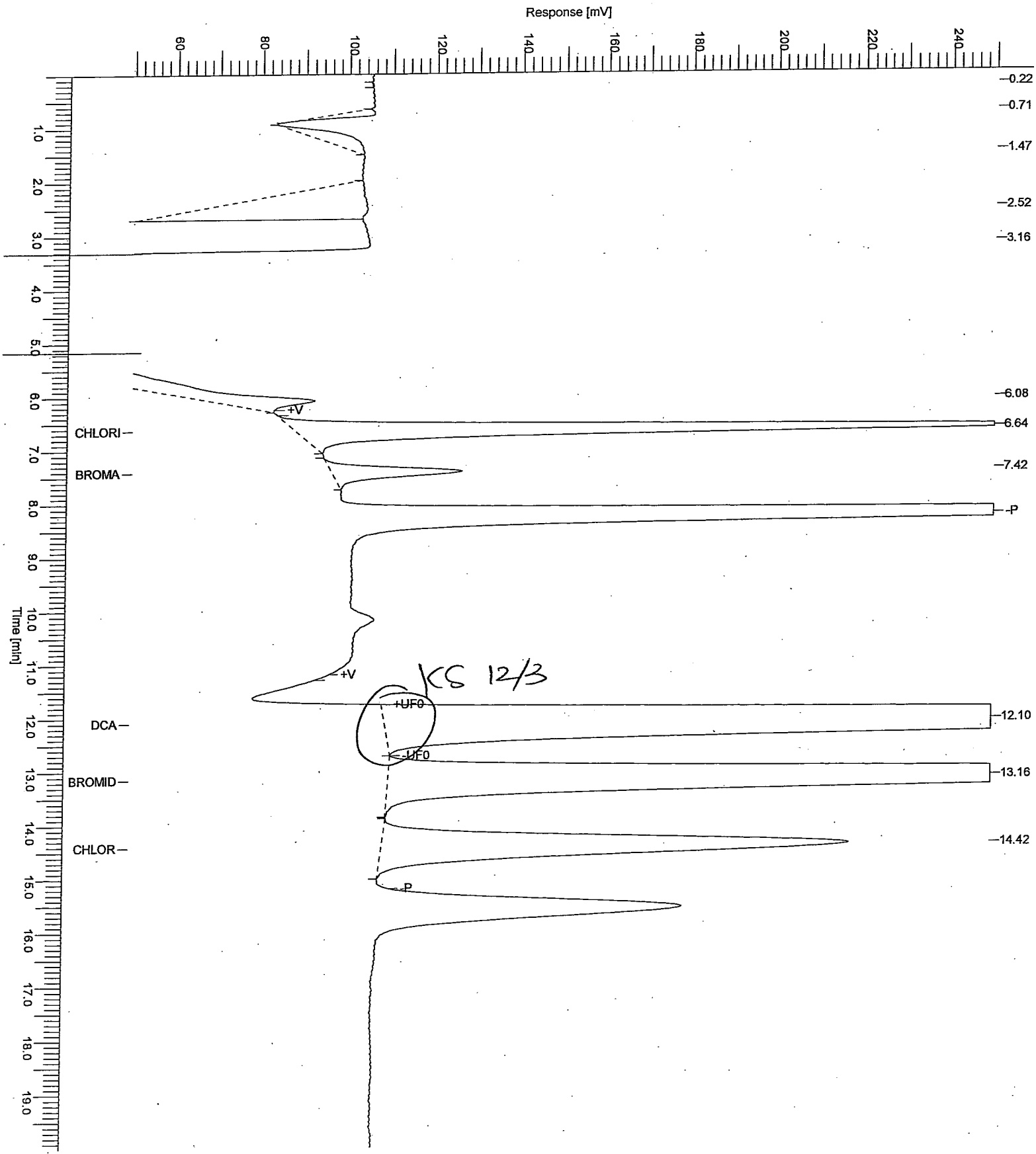
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290006a.TX0

Chromatogram

Sample Name : LEVEL 3 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290006.raw
Date : 11/30/2007 1:31:31 PM
Method :
Time of Injection: 11/30/2007 1:19:53 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	: 11/30/2007 1:40:07 AM
Reprocess Number	: ic: 155417		
Operator	: inorg	Sample Name	: LEVEL 3
Sample Number	: 7K28107	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	: 11/30/2007 1:19:53 AM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071129\200711290006.raw
Result File : H:\DATA\IC7\20071129\200711290006.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290006.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.64	2180020.40	83.6696	83.6696	*
BROMATE	7.42	361748.90	28.6860	28.6860	*
DCA	12.10	1.13e+07	0.9213	0.9213	
BROMIDE	13.16	6825253.60	269.7684	269.7684	*
CHLORATE	14.42	2442138.20	107.6806	107.6806	*
		2.31e+07	490.7259	490.7259	

Manual integration
DCA KS 12/3

* Warning -- uncalibrated levels encountered

Missing Component Report

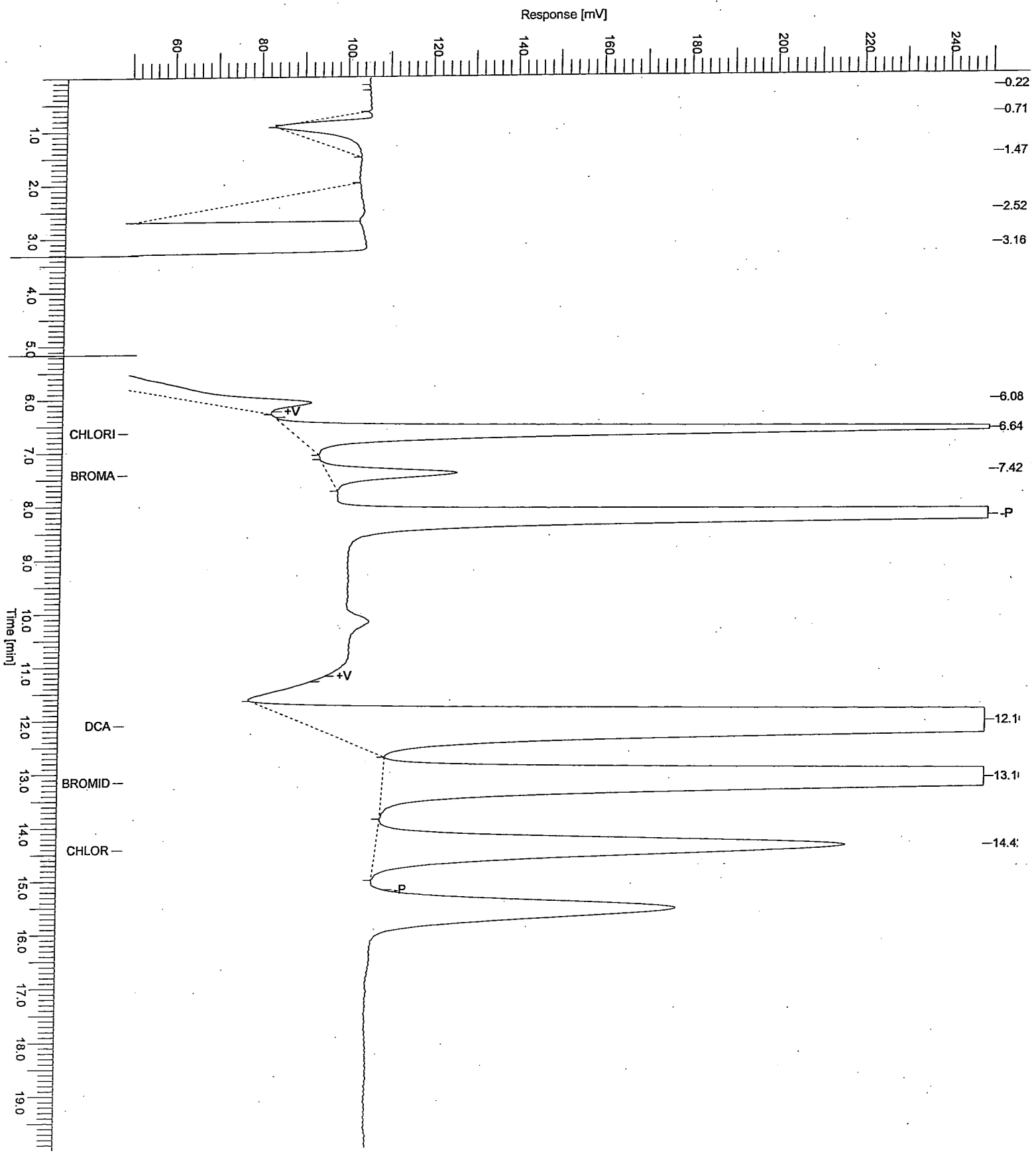
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290006.TX0

Chromatogram

Sample Name : LEVEL 3 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290006.raw
Date : 11/30/2007 1:40:08 AM
Method : ic7qk06a.mth Time of Injection: 11/30/2007 1:19:53 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	: 11/30/2007 1:32:19 PM
Operator	: inorg	Sample Name	: LEVEL 4
Sample Number	: 7K28107	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	: 11/30/2007 2:10:54 AM	Cycle	: 7

Raw Data File : H:\DATA\IC7\20071129\200711290007.raw
Result File : H:\DATA\IC7\20071129\200711290007a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	3931197.90	149.3702	149.3702	*
BROMATE	7.40	663828.80	52.9307	52.9307	*
DCA	12.10	1.31e+07	1.0683	1.0683	
BROMIDE	13.14	1.30e+07	507.8683	507.8683	*
CHLORATE	14.40	4616635.70	201.9205	201.9205	*
		3.52e+07	913.1580	913.1580	

* Warning – uncalibrated levels encountered

Missing Component Report

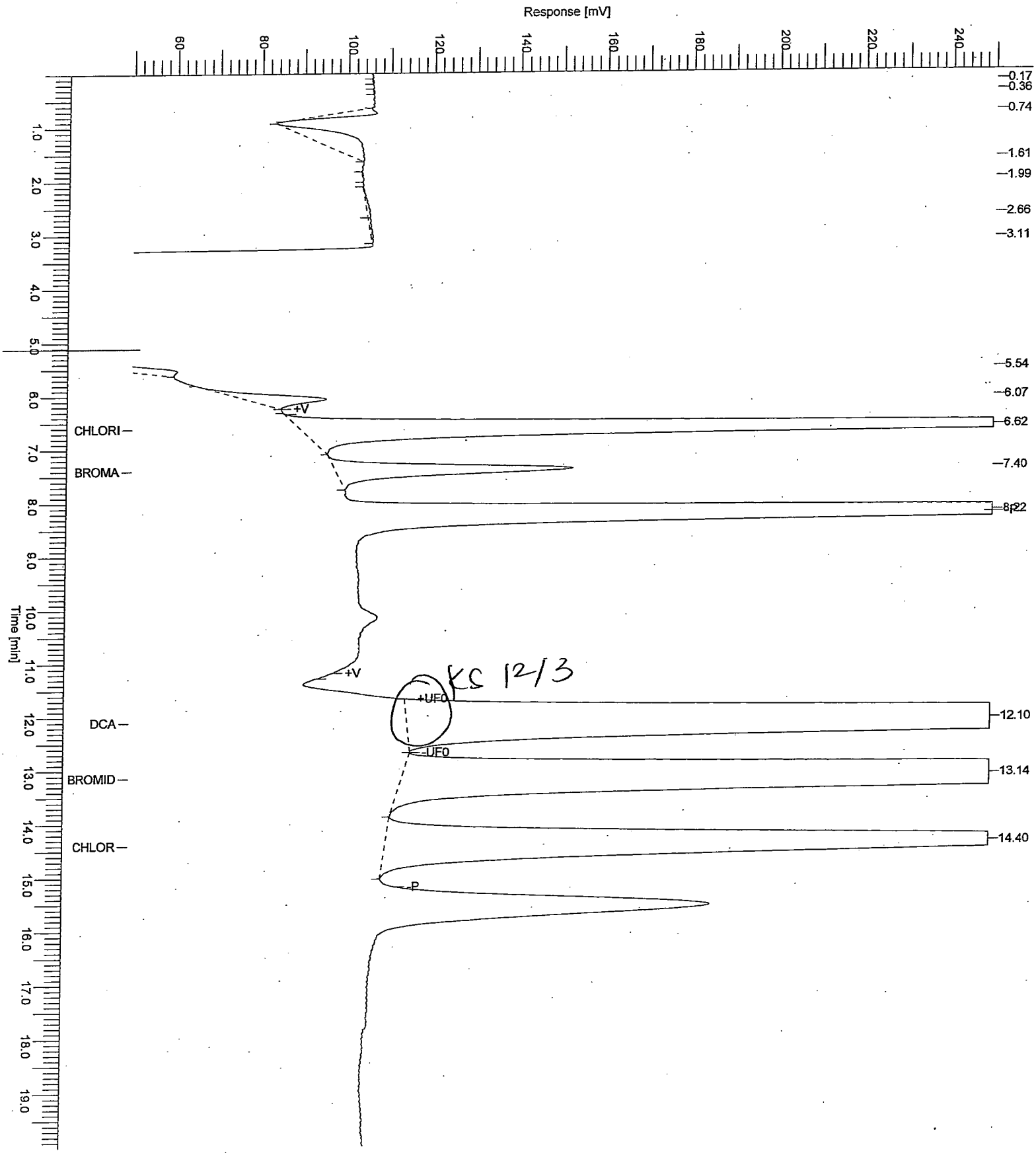
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290007a.TX0

Chromatogram

Sample Name : LEVEL 4 Sample #: 7K28107
FileName : H:\DATA\IC7\20071129\200711290007.raw
Date : 11/30/2007 1:32:20 PM
Method :
Time of Injection: 11/30/2007 2:10:54 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	: 11/30/2007 2:31:13 AM
Reprocess Number	: ic: 155421		
Operator	: inorg	Sample Name	: LEVEL 4
Sample Number	: 7K28107	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	: 11/30/2007 2:10:54 AM	Cycle	: 7

Raw Data File : H:\DATA\IC7\20071129\200711290007.raw
Result File : H:\DATA\IC7\20071129\200711290007.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290007.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	3931197.90	149.3702	149.3702	*
BROMATE	7.40	663828.80	52.9307	52.9307	*
DCA	12.10	1.37e+07	1.1235	1.1235	
BROMIDE	13.14	1.30e+07	507.8466	507.8466	*
CHLORATE	14.40	4613729.00	201.7945	201.7945	*
		3.59e+07	913.0655	913.0655	

Manual integration
DCA KS 12/3

* Warning – uncalibrated levels encountered

Missing Component Report

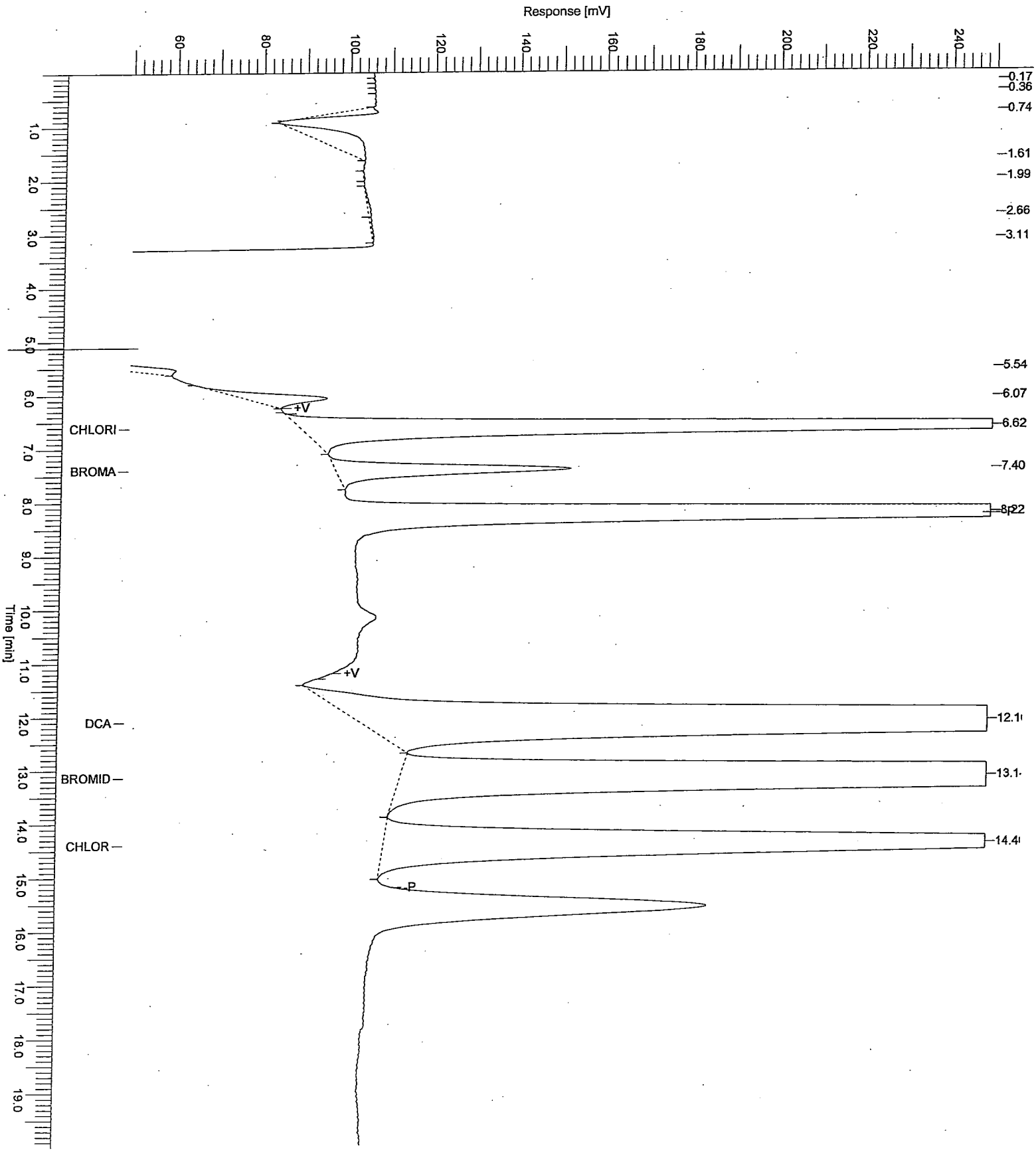
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290007.TX0

Chromatogram

Sample Name : LEVEL 4 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290007.raw
Date : 11/30/2007 2:31:14 AM
Method : ic7qk06a.mth Time of Injection: 11/30/2007 2:10:54 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	: 11/30/2007 1:32:46 PM
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K28107	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	: 11/30/2007 3:01:49 AM	Cycle	: 8

Raw Data File : H:\DATA\IC7\20071129\200711290008.raw
Result File : H:\DATA\IC7\20071129\200711290008a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	8137022.00	307.1642	307.1642	*
BROMATE	7.40	1374766.40	109.9900	109.9900	*
DCA	12.10	1.31e+07	1.0762	1.0762	
BROMIDE	13.03	2.23e+07	870.6843	870.6843	*
CHLORATE	14.40	9462219.00	411.9216	411.9216	*
		5.44e+07	1700.8363	1700.8363	

* Warning – uncalibrated levels encountered

Missing Component Report

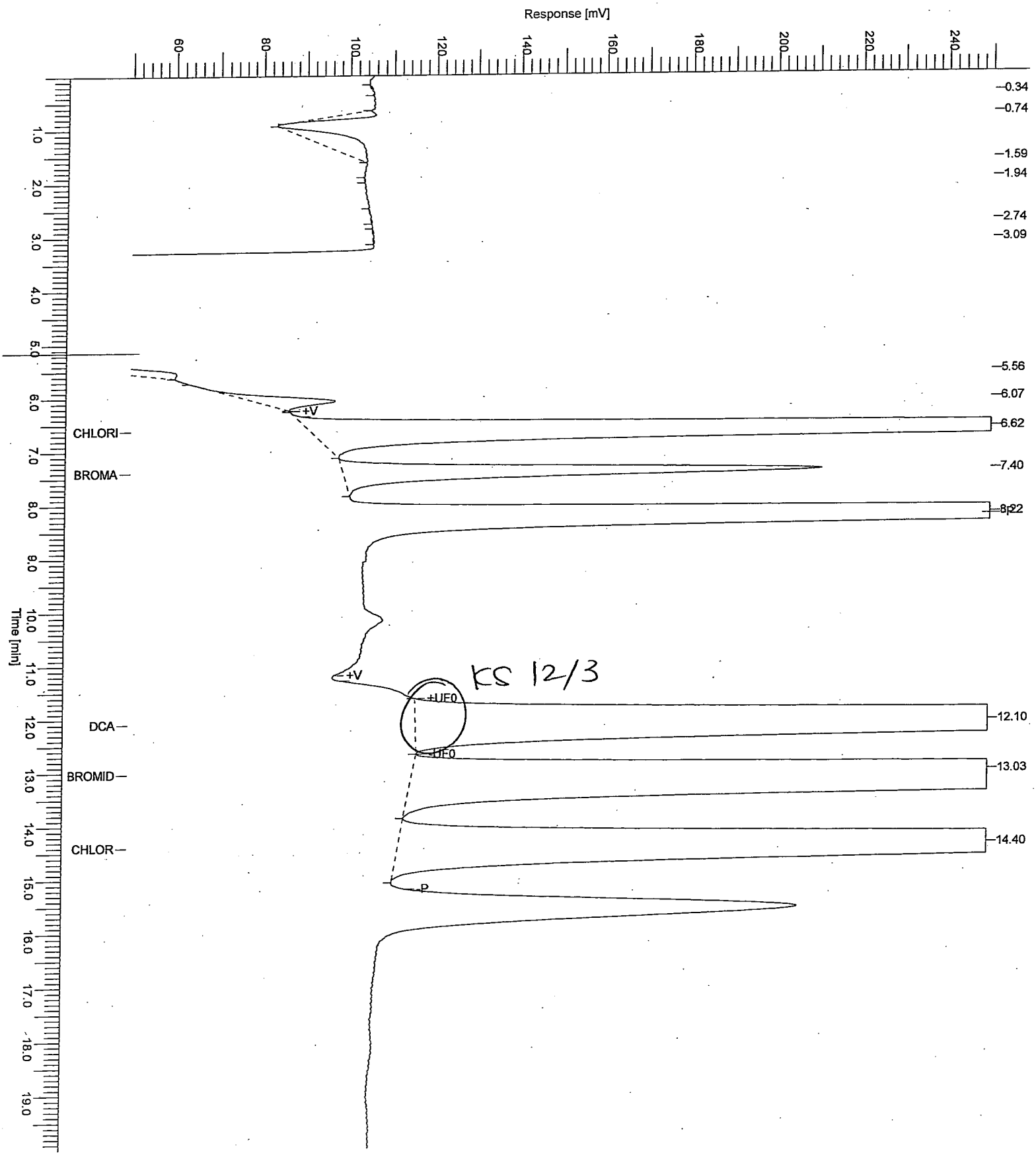
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290008a.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290008.raw
Date : 11/30/2007 1:32:47 PM
Method :
Time of Injection: 11/30/2007 3:01:49 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	: 11/30/2007 3:22:06 AM
Reprocess Number	: ic: 155425		
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K28107	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	: 11/30/2007 3:01:49 AM	Cycle	: 8

Raw Data File : H:\DATA\IC7\20071129\200711290008.raw
Result File : H:\DATA\IC7\20071129\200711290008.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290008.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	8137022.00	307.1642	307.1642	*
BROMATE	7.40	1374766.40	109.9900	109.9900	*
DCA	12.10	1.37e+07	1.1248	1.1248	
BROMIDE	13.03	2.23e+07	870.6843	870.6843	*
CHLORATE	14.40	9462523.50	411.9348	411.9348	*
		5.50e+07	1700.8981	1700.8981	

Manual integration DCA
KS 12/3

* Warning – uncalibrated levels encountered

Missing Component Report

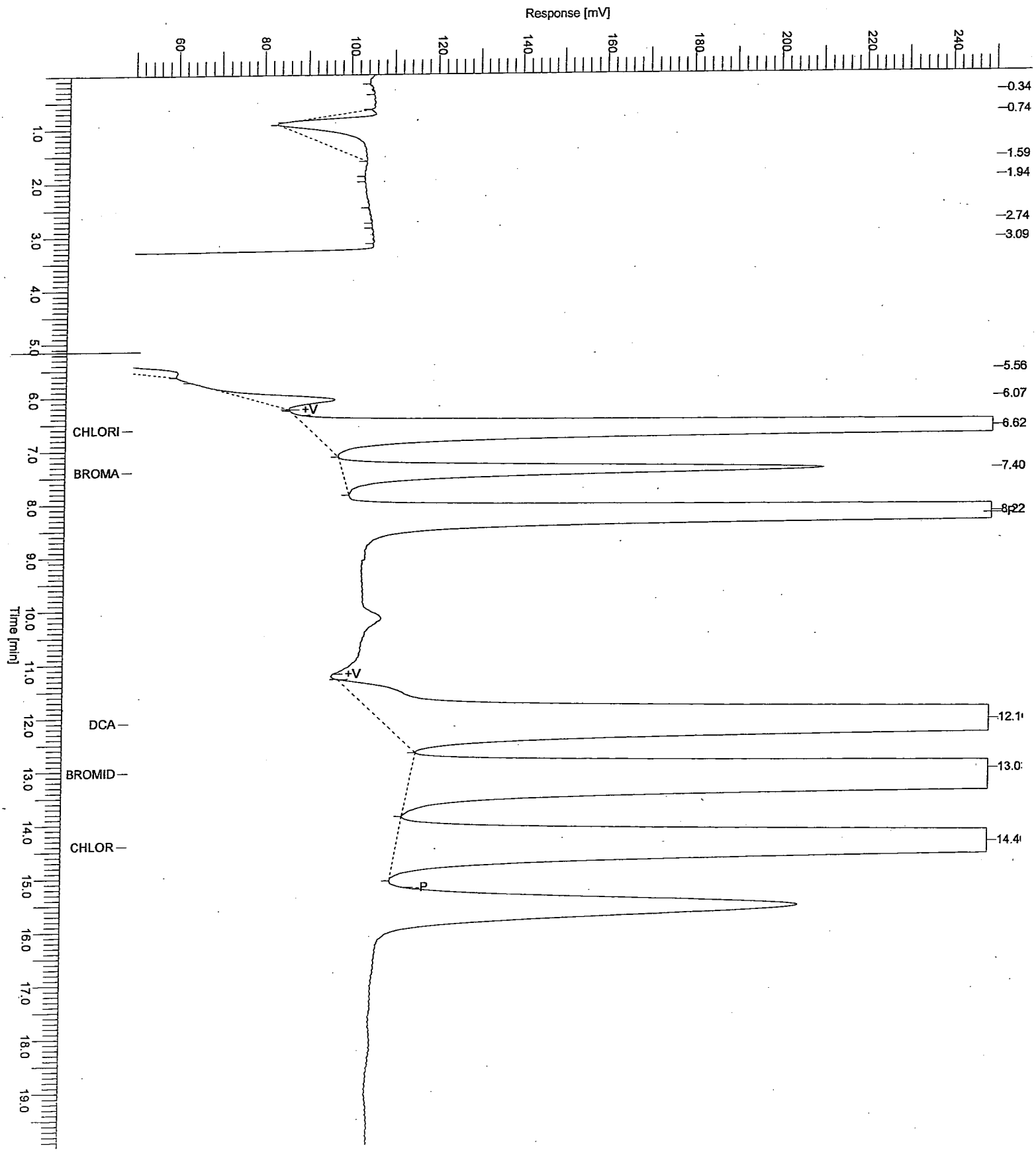
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290008.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290008.raw
Date : 11/30/2007 3:22:07 AM
Method : ic7qk06a.mth Time of Injection: 11/30/2007 3:01:49 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	: 11/30/2007 1:44:42 PM
Reprocess Number	: irv-wetchem6: 2117		
Operator	: inorg	Sample Name	: ICV
Sample Number	: 7K28107	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	: 11/30/2007 3:52:50 AM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071129\200711290009.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290009.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290009.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290009.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290009.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	2316482.60	114.0856	114.0856	*
BROMATE	7.41	395030.60	28.8260	28.8260	*
DCA	12.06	1.28e+07	1.0279	1.0279	
BROMIDE	13.16	7629201.20	291.2186	291.2186	*
CHLORATE	14.42	2730120.90	116.0513	116.0513	*
		2.58e+07	551.2093	551.2093	

* Warning – uncalibrated levels encountered

Missing Component Report

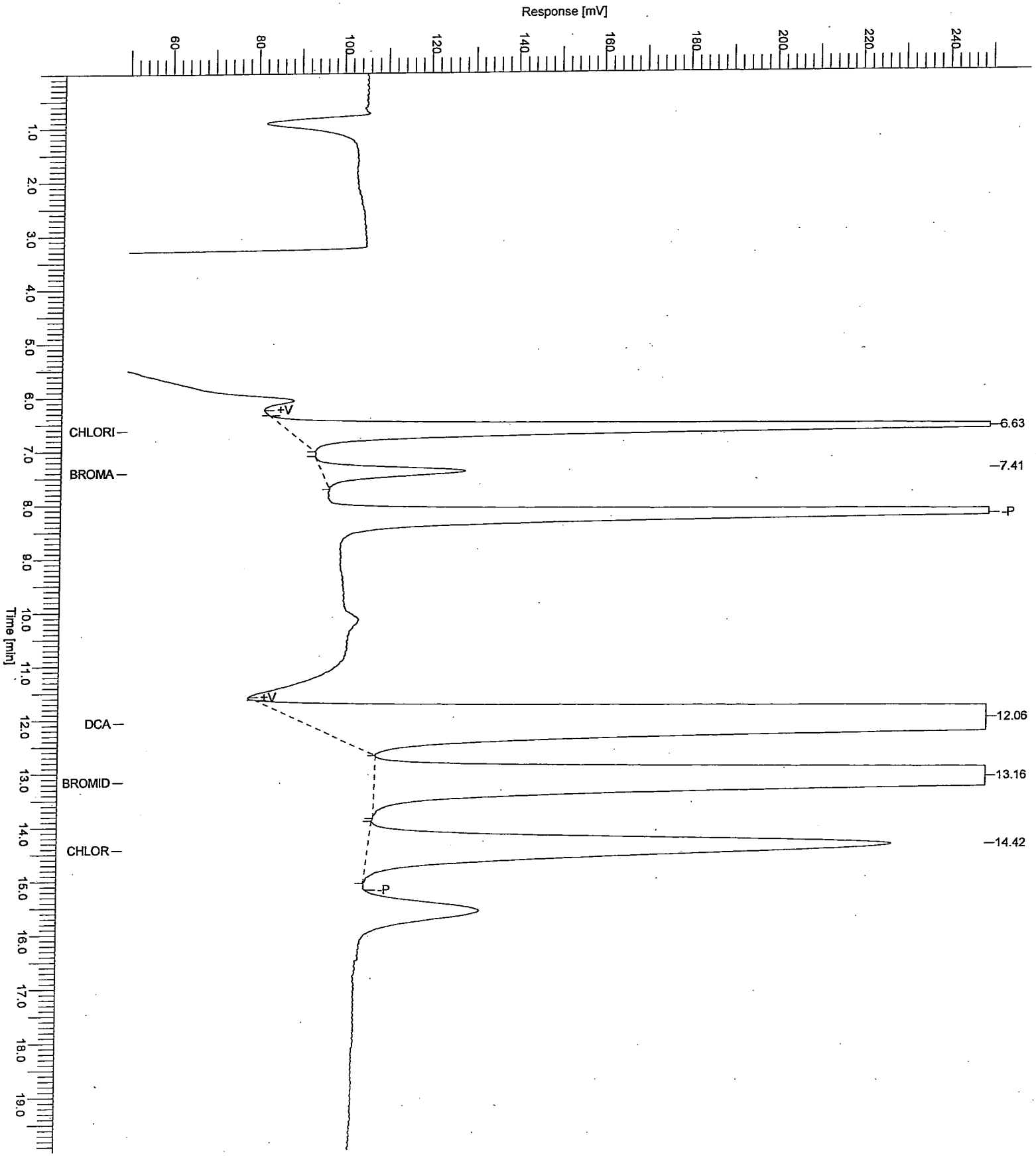
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290009.TX0

Chromatogram

Sample Name : ICV Sample #: 7K28107
FileName : H:\DATA\IC7\20071129\200711290009.raw
Date : 11/30/2007 1:44:42 PM
Method : ic7qk06a Time of Injection: 11/30/2007 3:52:50 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



TotalChrom Sequence File H:\DATA\IC7\20071129\20071129.seq
Printed by : inorg on: 12/1/2007 5:32:06 PM
Created by : inorg on: 11/29/2007 7:36:58 PM
Edited by : inorg on: 12/1/2007 5:32:04 PM
Number of Times Edited : 4
Description:

Sequence File Header Information:

Number of Rows : 113
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	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	BLK	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	LEVEL 1	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	LEVEL 2	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	LEVEL 3	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	LEVEL 4	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	LEVEL 5	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	ICV	7K28107	7110130	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	LOW LEVEL	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	7K28107-BS1	7K28107	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
12	Sample	7K28107-BLK1	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
13	Sample	7K27071-BS1	7K27071	7110129	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
14	Sample	7K27071-BLK1	7K27071	KS 12/3	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
15	Sample	IQK1873-03	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
16	Sample	IQK1873-04	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
17	Sample	IQK1873-05	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
18	Sample	IQK1873-06	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
19	Sample	IQK1976-01	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
20	Sample	7K27070-MS2	7K27070	IQK1976-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
21	Sample	7K27070-MSD2	7K27070	IQK1976-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
22	Sample	IQK1976-02	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
23	Sample	CCV	7K27070		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	CCB	7K27070		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	IQK1728-08	7K27070		1.000000	1.000000	1.000	20.000000	10.000000	1.000000	0.000000	100.000
26	Sample	IQK1872-09	7K27070		1.000000	1.000000	1.000	10.000000	10.000000	1.000000	0.000000	100.000
27	Sample	IQK1872-03	7K27070		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
28	Sample	IQK2685-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK2685-02	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	7K28107-MS1	7K28107	IQK2685-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample	7K28107-MSD1	7K28107	IQK2685-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample	IQK1901-03	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
33	Sample	IQK1901-04	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
34	Sample	IQK1901-05	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
35	Sample	CCV	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample	CCB	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
37	Sample	IQK1901-06	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
38	Sample	IQK1901-07	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
39	Sample	IQK1901-08	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
40	Sample	IQK1901-12	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
41	Sample	IQK1901-13	7K27071		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
42	Sample	IQK1901-15	7K27071		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK1901-16	7K27071		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
44	Sample	IQK1853-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	7K27071-MS1	7K27071	IQK1853-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample	7K27071-MSD1	7K27071	IQK1853-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
47	Sample	CCV	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
48	Sample	CCB	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample	IQK1790-03	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
50	Sample	IQK1790-04	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample	IQK1790-05	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample	IQK1790-06	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample	IQK1797-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample	7K27071-MS2	7K27071	IQK1797-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
55	Sample	7K27071-MSD2	7K27071	IQK1797-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
56	Sample	IQK1797-02	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample	IQK1934-04	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample	IQK1935-01	7K27071		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

12/1/2007 5:32:06 PM Sequence: H:\DATA\IC7\20071129\20071129.seq

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
59	Sample	IQK1947-01	7K27071		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
60	Sample	CCV 43	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
61	Sample	CCB 44	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
62	Sample	LOW LEVEL 49	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
63	Sample	IQK1956-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
64	Sample	IQK2174-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
65	Sample	IQK2175-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
66	Sample	IQK2277-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
67	Sample	IQK2520-01	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
68	Sample	7K28107-MS2	7K28107	IQK2520-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
69	Sample	7K28107-MSD2	7K28107	IQK2520-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
70	Sample	IQK2520-02	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
71	Sample	IQK2520-03	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
72	Sample	CCV 43	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
73	Sample	CCB 44	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
74	Sample	IQK2520-04	7K28107		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
75	Sample	7L01075-BS1 42	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
76	Sample	7L01075-BLK1 47	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
77	Sample	IQK1976-03 48	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
78	Sample	IQK1976-04 1	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
79	Sample	IQK1976-05	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
80	Sample	IQK1976-06	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
81	Sample	IQK1976-07	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
82	Sample	IQK1977-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
83	Sample	7L01075-MS1	7L01075	IQK1977-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
84	Sample	CCV 45	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
85	Sample	CCB 46	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
86	Sample	7L01075-MSD1	7L01075	IQK1977-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
87	Sample	IQK1977-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
88	Sample	IQK1978-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
89	Sample	IQK1978-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
90	Sample	IQK1978-03	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
91	Sample	IQK1978-04	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
92	Sample	IQK1979-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
93	Sample	IQK1979-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
94	Sample	IQK2275-01	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
95	Sample	7L01075-MS2	7L01075	IQK2275-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
96	Sample	CCV 45	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
97	Sample	CCB 46	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
98	Sample	7L01075-MSD2	7L01075	IQK2275-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
99	Sample	IQK2275-02	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
100	Sample	IQK2275-03	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
101	Sample	IQK2275-04	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
102	Sample	IQK2275-05	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
103	Sample	IQK2275-06	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
104	Sample	IQK2275-07	7L01075		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
105	Sample	CCV 43	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
106	Sample	CCB 44	7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
107	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
108	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
109	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
110	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
111	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
112	Sample		7L01075		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
113	Sample		7L01075		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\20071129\200711290001		H:\DATA<Chan>	-	-	-	Default	Default
2	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290002		H:\DATA<Chan>	-	-	-	Default	Default
3	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290003		H:\DATA<Chan>	-	-	-	Default	Default
4	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290004		H:\DATA<Chan>	-	-	-	Default	Default
5	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290005		H:\DATA<Chan>	-	-	-	Default	Default
6	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290006		H:\DATA<Chan>	-	-	-	Default	Default
7	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290007		H:\DATA<Chan>	-	-	-	Default	Default
8	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290008		H:\DATA<Chan>	-	-	-	Default	Default
9	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290009		H:\DATA<Chan>	-	-	-	Default	Default
10	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290010		H:\DATA<Chan>	-	-	-	Default	Default
11	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290011		H:\DATA<Chan>	-	-	-	Default	Default
12	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290012		H:\DATA<Chan>	-	-	-	Default	Default
13	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290013		H:\DATA<Chan>	-	-	-	Default	Default
14	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290014		H:\DATA<Chan>	-	-	-	Default	Default
15	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290015		H:\DATA<Chan>	-	-	-	Default	Default
16	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290016		H:\DATA<Chan>	-	-	-	Default	Default
17	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290017		H:\DATA<Chan>	-	-	-	Default	Default
18	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290018		H:\DATA<Chan>	-	-	-	Default	Default
19	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290019		H:\DATA<Chan>	-	-	-	Default	Default
20	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290020		H:\DATA<Chan>	-	-	-	Default	Default
21	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290021		H:\DATA<Chan>	-	-	-	Default	Default
22	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290022		H:\DATA<Chan>	-	-	-	Default	Default
23	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290023		H:\DATA<Chan>	-	-	-	Default	Default
24	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290024		H:\DATA<Chan>	-	-	-	Default	Default
25	1	h:\data\ic7\ic7qk29	h:\data\ic7\test	H:\DATA\IC7\20071129\200711290025		H:\DATA<Chan>	-	-	-	Default	Default

PREPARATION BENCH SHEET

7K28107

TestAmerica - Irvine, CA

Printed: 12/3/2007 12:38:57PM

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
7K28107-BLK1		QC	11/29/07 20:00	10	10										
7K28107-BS1		QC	11/29/07 20:00	10	10		7110129	250							
7K28107-MS1		QC	11/29/07 20:00	10	10	IQK2685-02	7110129	250							
7K28107-MS2		QC	11/29/07 20:00	10	10	IQK2520-01	7110129	250							
7K28107-MSD1		QC	11/29/07 20:00	10	10	IQK2685-02	7110129	250							
7K28107-MSD2		QC	11/29/07 20:00	10	10	IQK2520-01	7110129	250							
IQK1956-01	D	Chlorite-300.1	11/29/07 20:00	10	10										J flags
IQK2174-01	A	Bromide-300.1	11/29/07 20:00	10	10										TA-Irvine-ACWD
IQK2175-01	A	Bromide-300.1	11/29/07 20:00	10	10										TA-Irvine-ACWD
IQK2277-01	A	Chlorite-300.1	11/29/07 20:00	10	10										J flags
IQK2520-01	A	Chlorite-300.1	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107
IQK2520-01	A	Bromate-300.1 IBWA	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107
IQK2520-01	A	Chlorate-300.1	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107
IQK2520-01	A	Bromide-300.1	11/29/07 20:00	10	10										
IQK2520-02	A	Bromide-300.1	11/29/07 20:00	10	10										
IQK2520-02	A	Chlorate-300.1	11/29/07 20:00	10	10										
IQK2520-03	A	Bromide-300.1	11/29/07 20:00	10	10										
IQK2520-03	A	Chlorate-300.1	11/29/07 20:00	10	10										
IQK2520-04	A	Bromide-300.1	11/29/07 20:00	10	10										
IQK2520-04	A	Chlorate-300.1	11/29/07 20:00	10	10										

Spiking Witnessed By Date

Preparation Reviewed By 12/10/07 Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K28107

TestAmerica - Irvine, CA

Printed: 12/3/2007 12:38:57PM

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
IQK2685-01	A	Bromate-300.1 IBWA	11/29/07 20:00	10	10										
IQK2685-02	A	Chlorite-300.1	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107
IQK2685-02	A	Bromate-300.1 IBWA	11/29/07 20:00	10	10										
IQK2685-02	A	Bromide-300.1	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107
IQK2685-02	A	Chlorate-300.1	11/29/07 20:00	10	10										Added for BatchQC in: 7K28107

Reagents used in Batch

Reagent	Description	Solvent

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

DAILY DATA CHECKLIST

EPA 300.1 – Inorganic Anions (Part B) by IC

Analyst:	KS	2nd Level Review:	
Analysis Date:	11/29	Date:	12/10/07
IC #:	7	Original Calibration date:	11/29/07
Method used:	300.1	Original Calibration file #:	IC7Q1129
QC Batches:	7K27070, 7K27071, 7K28107, 7L01075		

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, with VARIED concentrations.
✓		%R = 95 - 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	: 11/30/2007 1:44:44 PM
Reprocess Number	: irv-wetchem6: 2118		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K28107	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	: 11/30/2007 4:43:51 AM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071129\200711290010.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290010.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290010.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290010.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290010.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	366986.60	17.8601	17.8601	*
BROMATE	7.42	75473.60	5.4716	5.4716	*
DCA	12.11	1.31e+07	1.0573	1.0573	
BROMIDE	13.17	1154788.80	43.4929	43.4929	*
CHLORATE	14.42	439534.00	19.0446	19.0446	*
		1.52e+07	86.9264	86.9264	

* Warning – uncalibrated levels encountered

Missing Component Report

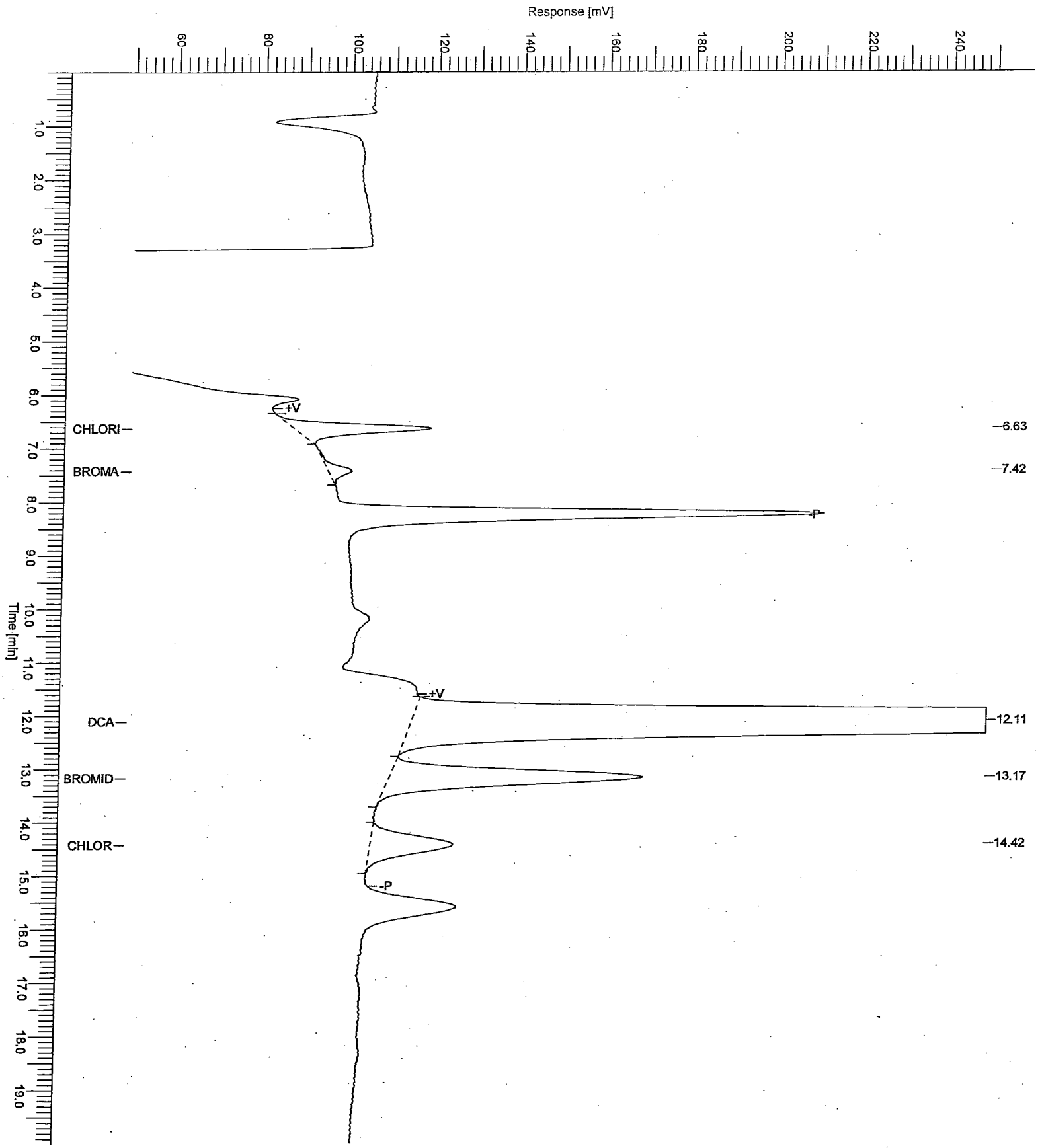
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290010.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290010.raw
Date : 11/30/2007 1:44:45 PM
Method : ic7qk06a Time of Injection: 11/30/2007 4:43:51 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	: 11/30/2007 1:44:47 PM
Reprocess Number	: irv-wetchem6: 2119		
Operator	: inorg	Sample Name	: 7K28107-BS1
Sample Number	: 7K28107	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	: 11/30/2007 5:34:51 AM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071129\200711290011.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290011.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290011.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290011.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290011.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	2179092.20	107.3041	107.3041	*
BROMATE	7.40	356589.60	26.0166	26.0166	*
DCA	12.09	1.14e+07	0.9201	0.9201	
BROMIDE	13.15	6865569.40	262.0003	262.0003	*
CHLORATE	14.40	2459583.70	104.5940	104.5940	*
		2.33e+07	500.8351	500.8351	

* Warning – uncalibrated levels encountered

Missing Component Report

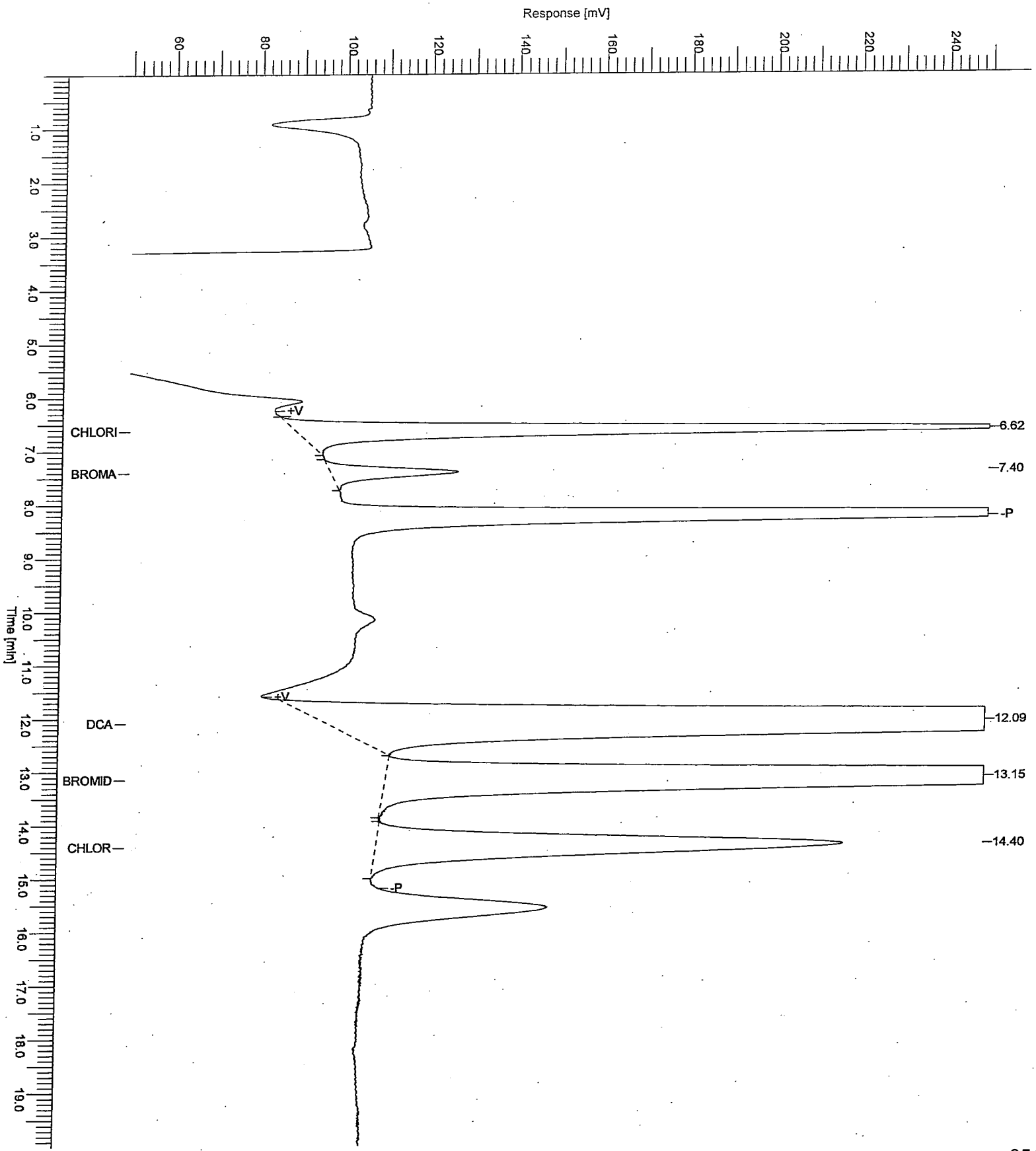
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290011.TX0

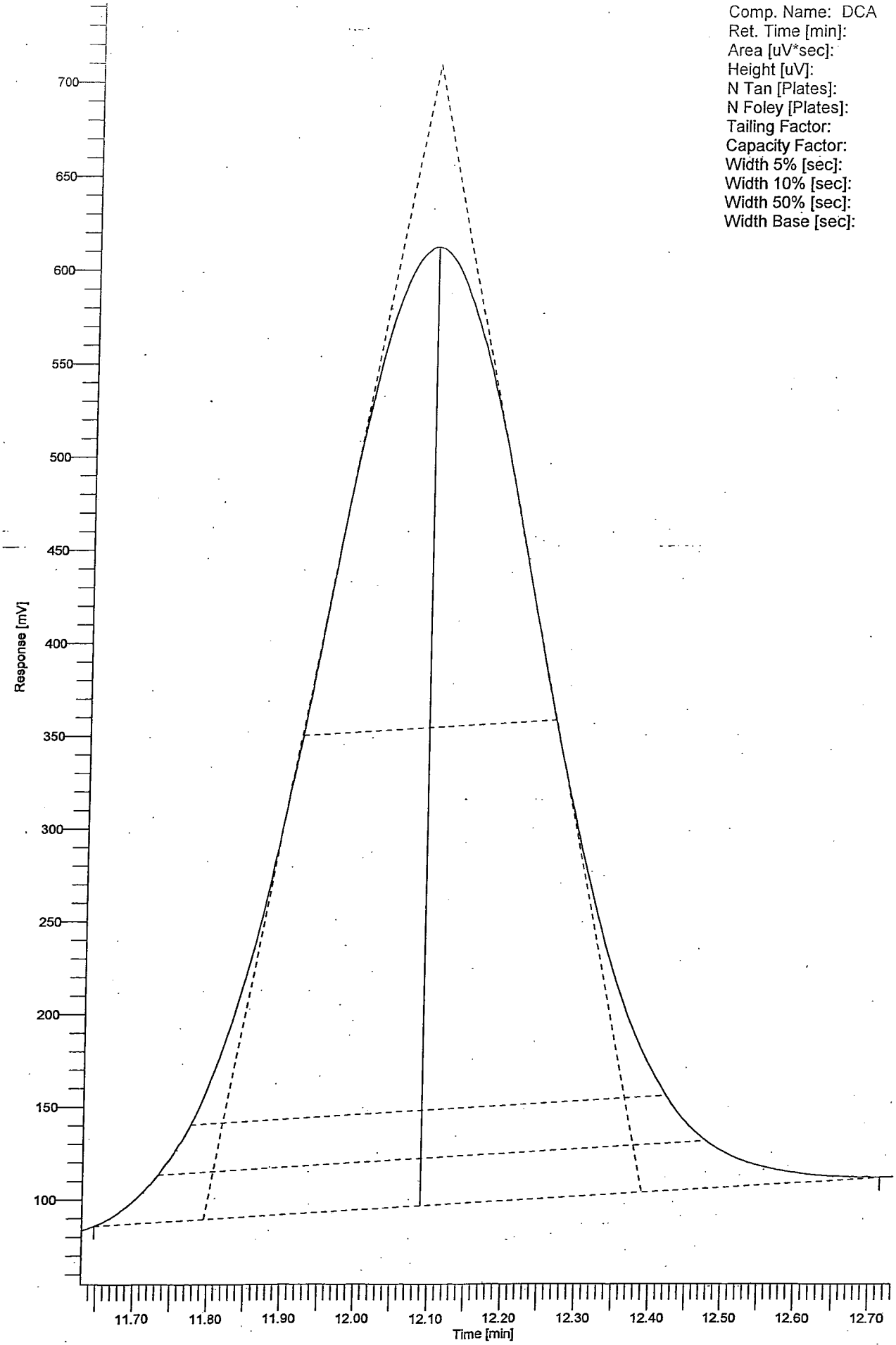
Chromatogram

Sample Name : 7K28107-BS1 Sample #: 7K28107
FileName : H:\DATA\IC7\20071129\200711290011.raw
Date : 11/30/2007 1:44:47 PM
Method : ic7qk06a Time of Injection: 11/30/2007 5:34:51 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



Filename: H:\DATA\IC7\20071129\200711290011.rst
Sample: 7K28107-BS1
Instrument: ICDNX7 Operator: inorg Date: 12/10/2007 1:44:15 PM

Comp. Name:	DCA
Ret. Time [min]:	12.09
Area [uV*sec]:	11426161.70
Height [uV]:	515434.92
N Tan [Plates]:	6631.43
N Foley [Plates]:	6375.17
Tailing Factor:	1.03
Capacity Factor:	N/A
Width 5% [sec]:	44.59
Width 10% [sec]:	38.64
Width 50% [sec]:	20.56
Width Base [sec]:	35.63



********** PGF Report **********

File Name	Sample Name	Time [min.]	Delta RT %	PGF 0.80-1.15	DCA Area [µV·s]	Height [µV]	Area/Height [s]
200711290011.rst	7K28107-BS1	12.09	-0.0593	0.9737	11426161.70	515434.92	22.1680

Software Version	: 6.2.1.0.106:0106	Date	: 11/30/2007 1:44:49 PM
Reprocess Number	: irv-wetchem6: 2120		
Operator	: inorg	Sample Name	: 7K28107-BLK1
Sample Number	: 7K28107	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	: 11/30/2007 6:25:51 AM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071129\200711290012.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290012.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290012.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290012.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290012.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.05	1.28e+07	1.0329	1.0329	
BROMIDE	13.12	0.00	0.0000	0.0000	
CHLORATE	13.92	7208.50	0.7355	0.7355	*
		1.28e+07	1.7685	1.7685	

* Warning – uncalibrated levels encountered

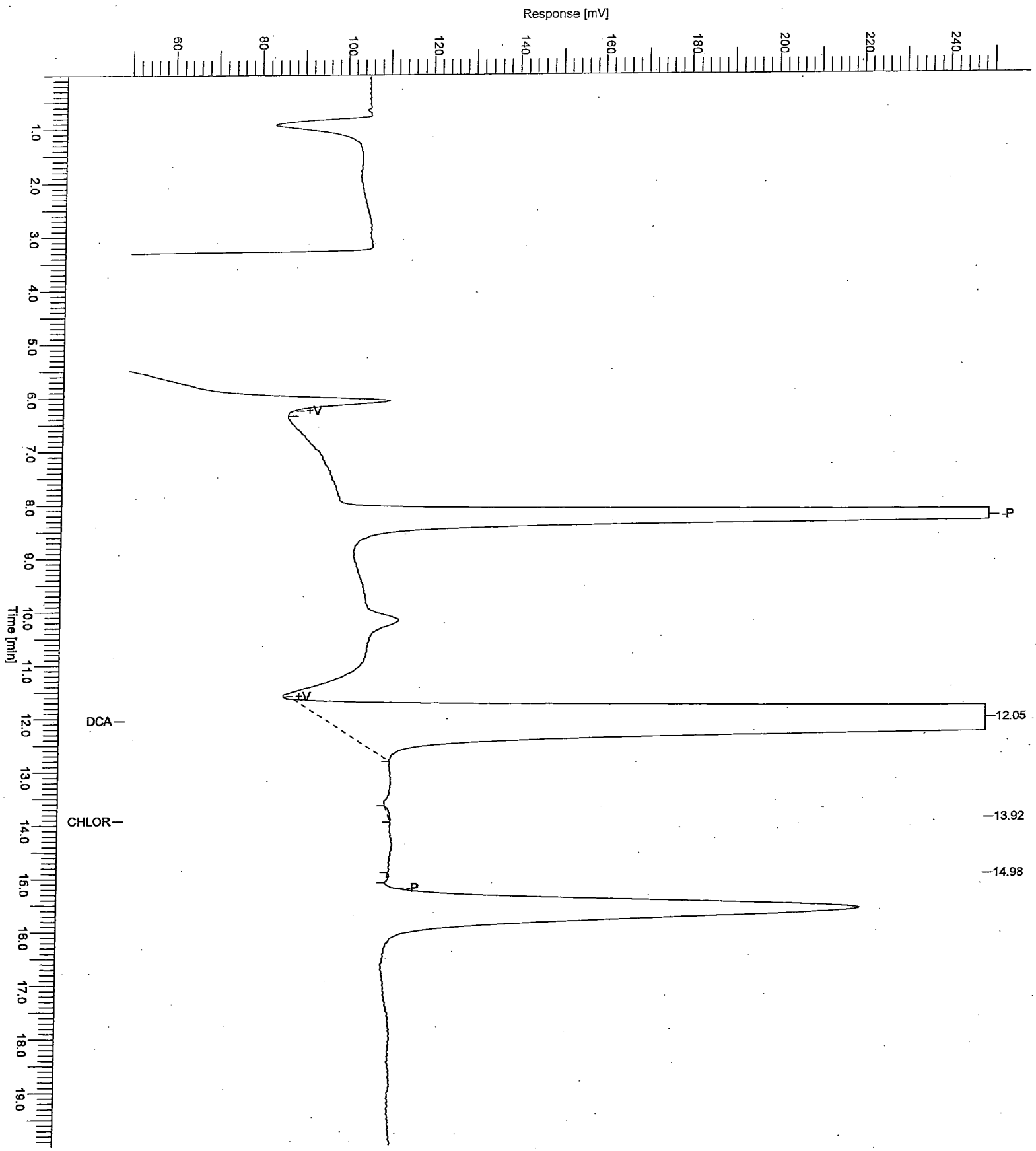
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
BROMIDE	13.118

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290012.TX0

Chromatogram

Sample Name : 7K28107-BLK1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290012.raw
Date : 11/30/2007 1:44:50 PM
Method : ic7qk06a Time of Injection: 11/30/2007 6:25:51 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	: 11/30/2007 7:57:31 PM
Reprocess Number	: irv-wetchem6: 2131		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K27070	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	: 11/30/2007 3:46:53 PM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071129\200711290023.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290023.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290023.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290023.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290023.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	1838131.70	90.4746	90.4746	*
BROMATE	7.40	329309.60	24.0228	24.0228	*
DCA	12.04	1.30e+07	1.0465	1.0465	
BROMIDE	13.14	6352828.10	242.3816	242.3816	*
CHLORATE	14.39	2314266.80	98.4399	98.4399	*
		2.38e+07	456.3654	456.3654	

* Warning – uncalibrated levels encountered

Missing Component Report

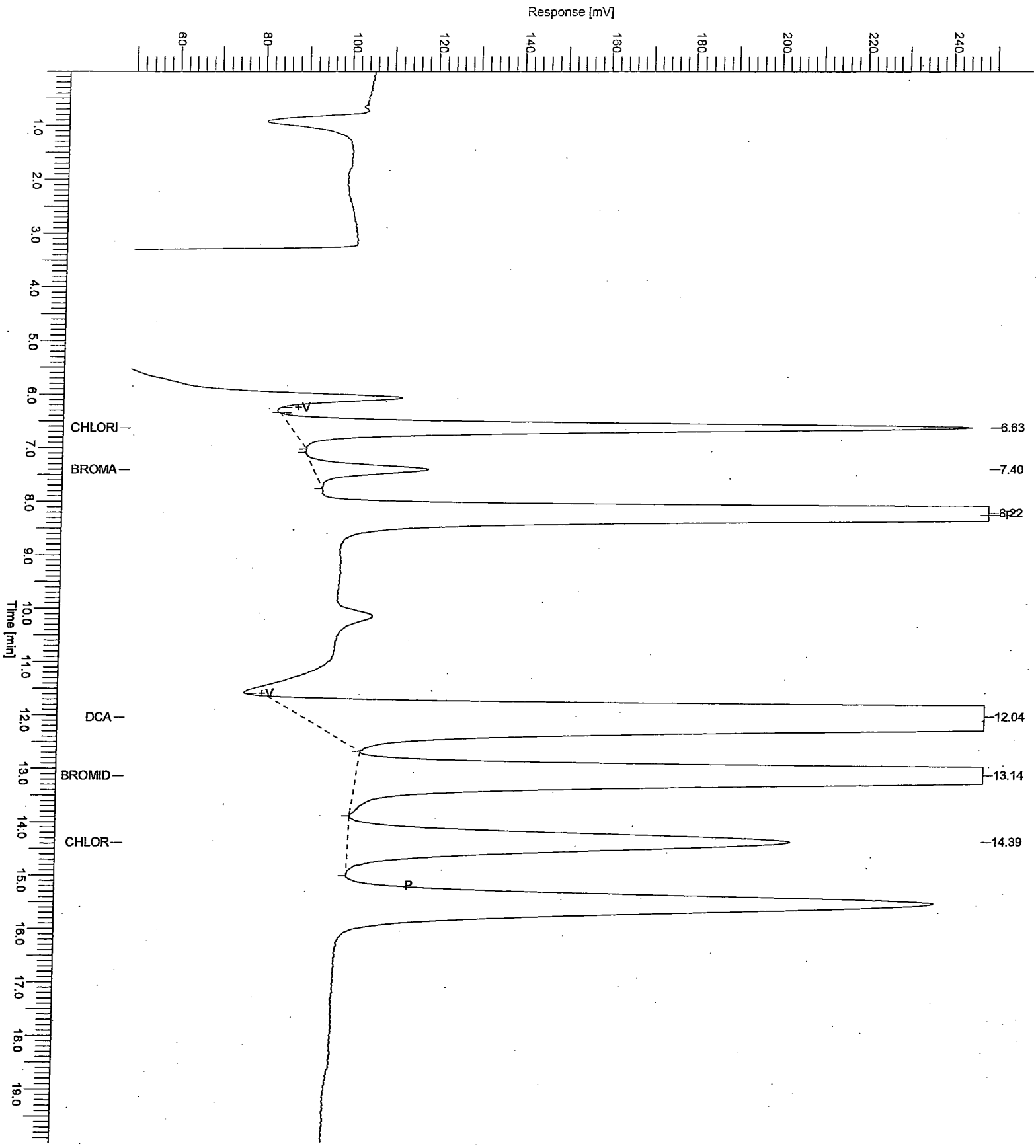
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290023.TX0

Chromatogram

Sample Name : CCV Sample #: 7K27070 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290023.raw
Date : 11/30/2007 7:57:31 PM
Method : ic7qk06a Time of Injection: 11/30/2007 3:46:53 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	: 11/30/2007 7:57:34 PM
Reprocess Number	: irv-wetchem6: 2132		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K27070	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	: 11/30/2007 4:37:48 PM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071129\200711290024.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290024.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290024.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290024.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290024.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.00	1.24e+07	0.9970	0.9970	
BROMIDE	13.03	3417.40	-0.5612	-0.5612	*
CHLORATE	14.41	0.00	0.0000	0.0000	
		1.24e+07	0.4358	0.4358	

* Warning – uncalibrated levels encountered

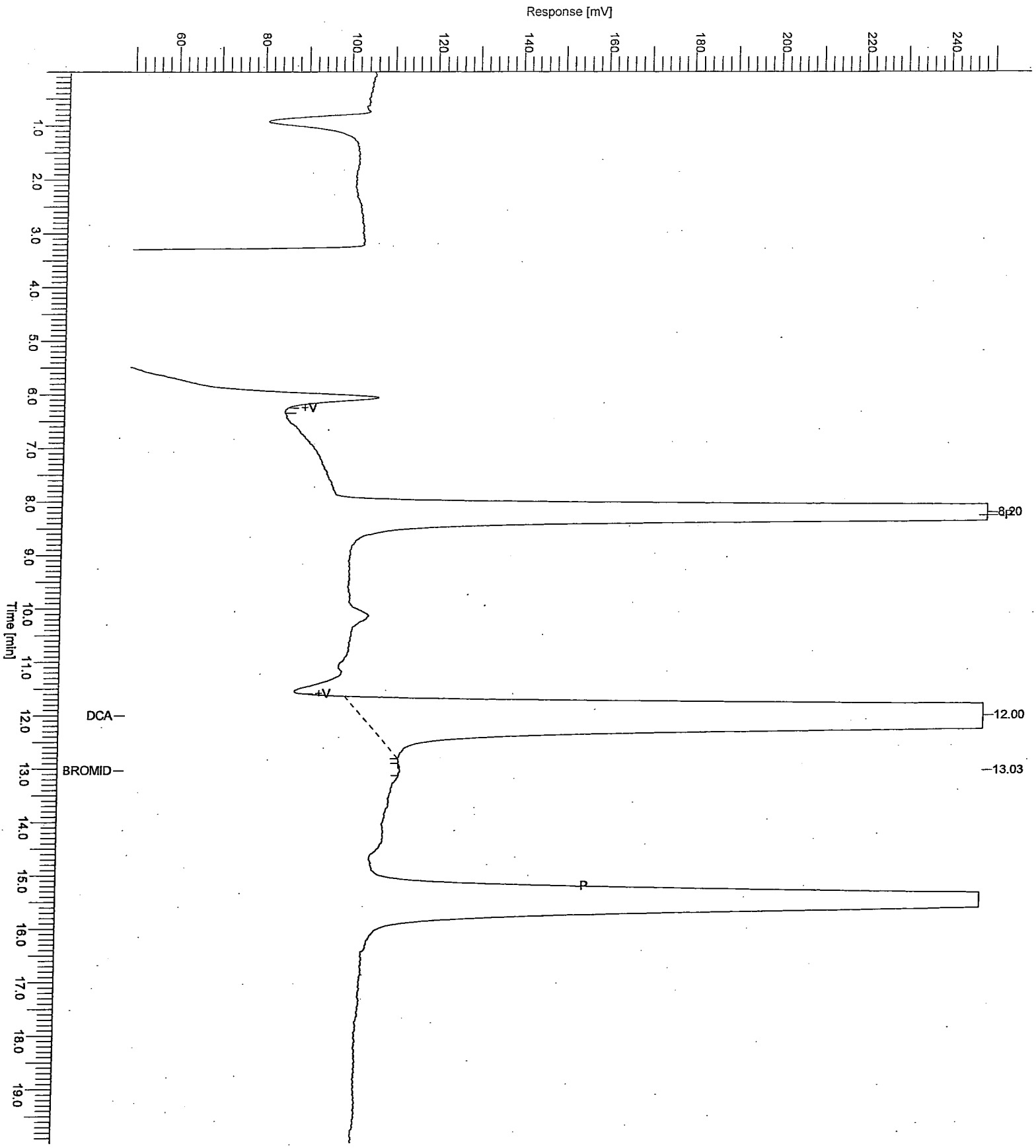
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290024.TX0

Chromatogram

Sample Name : CCB Sample #: 7K27070 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290024.raw
Date : 11/30/2007 7:57:34 PM
Method : ic7qk06a Time of Injection: 11/30/2007 4:37:48 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	: 12/1/2007 9:42:49 AM
Reprocess Number	: irv-wetchem6: 2137		
Operator	: inorg	Sample Name	: IQK2685-02
Sample Number	: 7K28107	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	: 11/30/2007 11:22:36 PM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071129\200711290029.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290029.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290029.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290029.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290029.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.04	1.33e+07	1.0688	1.0688	
BROMIDE	13.14	2856166.00	108.5914	108.5914	*
CHLORATE	14.41	0.00	0.0000	0.0000	
		1.61e+07	109.6602	109.6602	

* Warning – uncalibrated levels encountered

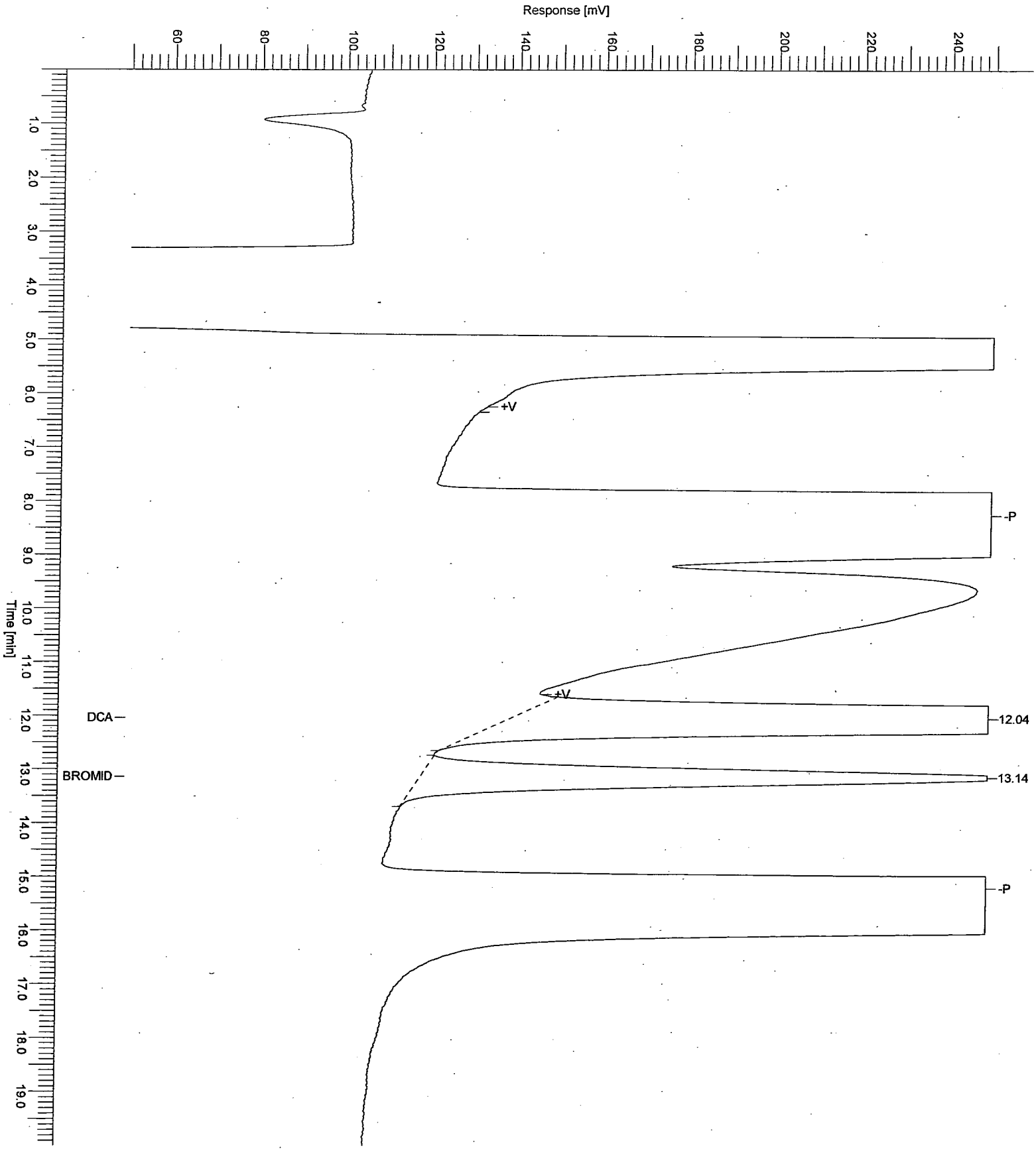
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290029.TX0

Chromatogram

Sample Name : IQK2685-02 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290029.raw
Date : 12/1/2007 9:42:49 AM
Method : ic7qk06a Time of Injection: 11/30/2007 11:22:36 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



Software Version	: 6.2.1.0.106:0106	Date	: 12/3/2007 12:30:23 PM
Operator	: inorg	Sample Name	: 7K28107-MS1
Sample Number	: 7K28107	Study	: IQK2685-02
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	: 12/1/2007 12:13:37 AM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071129\200711290030.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290030a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290030.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290030a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290030a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	1716335.11	84.4628	84.4628	*
BROMATE	7.51	210438.00	15.3353	15.3353	*
DCA	12.05	1.17e+07	0.9404	0.9404	
BROMIDE	13.15	9255018.30	353.4260	353.4260	*
CHLORATE	14.37	2161852.10	91.9851	91.9851	*
		2.50e+07	546.1495	546.1495	

* Warning – uncalibrated levels encountered

Missing Component Report

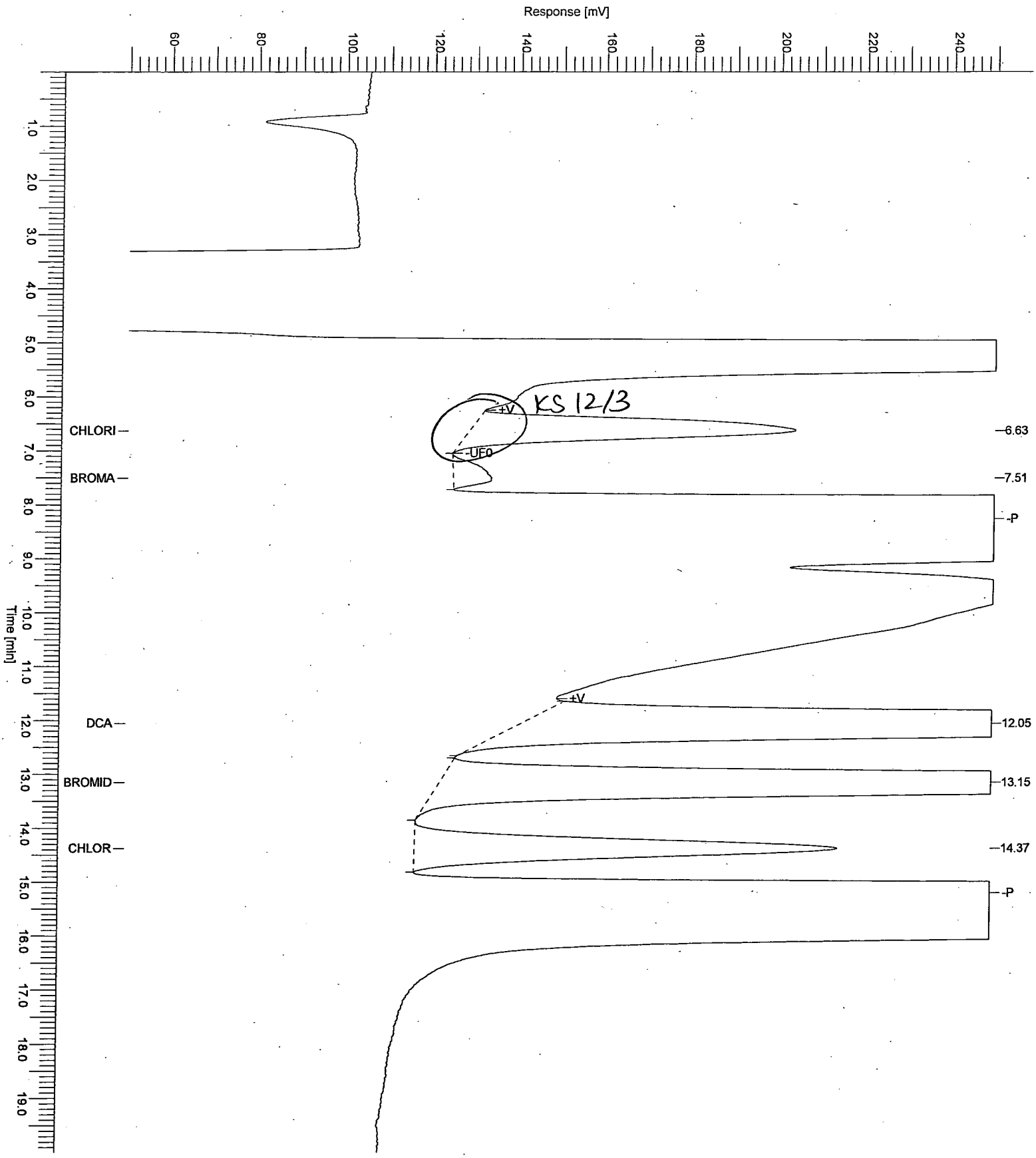
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290030a.TX0

Chromatogram

Sample Name : 7K28107-MS1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290030.raw
Date : 12/3/2007 12:30:24 PM
Method : Time of Injection: 12/1/2007 12:13:37 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	: 12/1/2007 9:42:52 AM
Reprocess Number	: irv-wetchem6: 2138		
Operator	: inorg	Sample Name	: 7K28107-MS1
Sample Number	: 7K28107	Study	: IQK2685-02
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	: 12/1/2007 12:13:37 AM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071129\200711290030.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290030.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290030.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290030.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290030.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	1382384.90	67.9793	67.9793	*
BROMATE	7.51	209486.40	15.2657	15.2657	*
DCA	12.05	1.17e+07	0.9404	0.9404	
BROMIDE	13.15	9255018.30	353.4260	353.4260	*
CHLORATE	14.37	2161852.10	91.9851	91.9851	*
		2.47e+07	529.5965	529.5965	

* Warning -- uncalibrated levels encountered

Missing Component Report

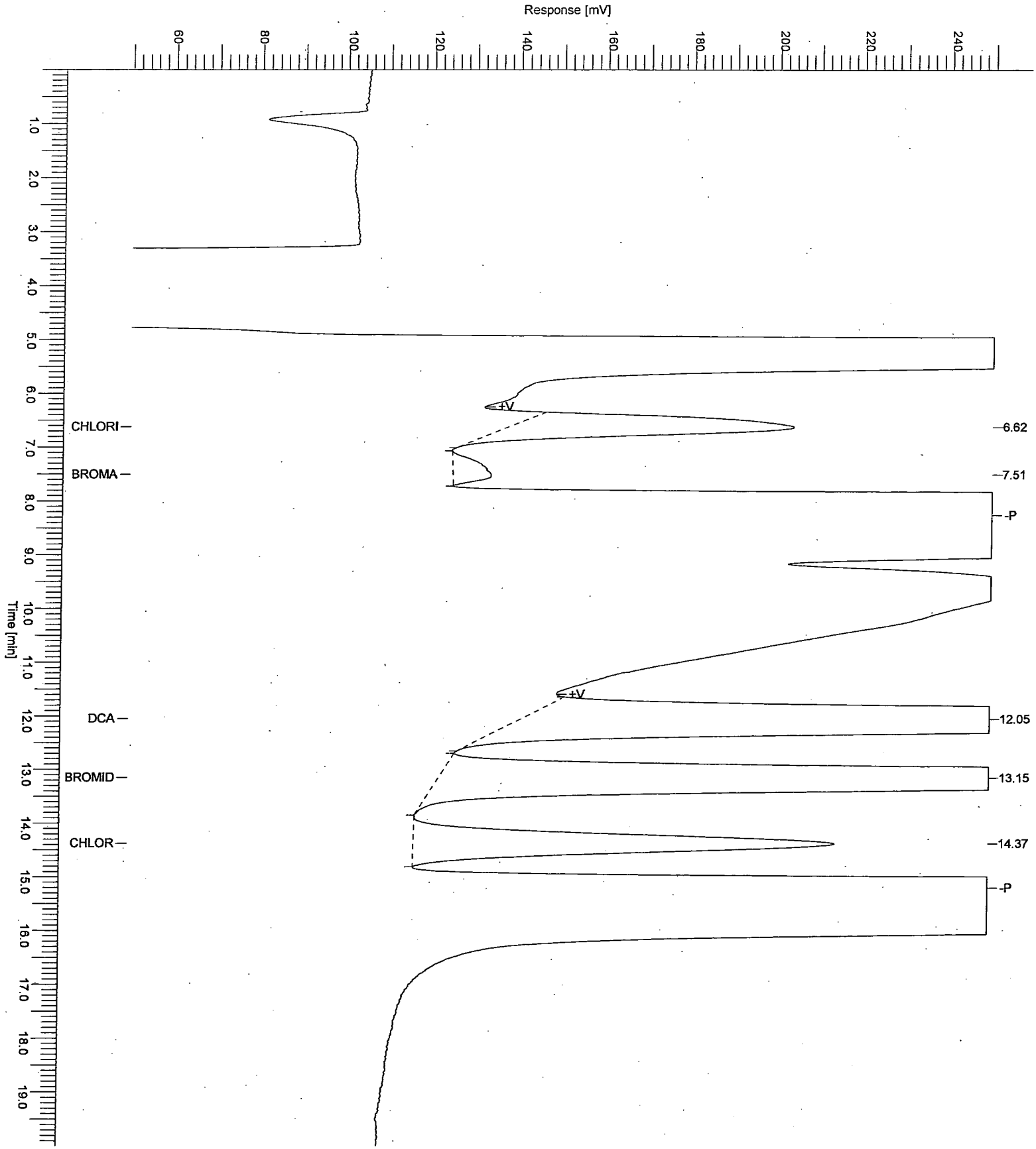
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290030.TX0

Chromatogram

Sample Name : 7K28107-MS1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290030.raw
Date : 12/1/2007 9:42:52 AM
Method : ic7qk06a Time of Injection: 12/1/2007 12:13:37 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	: 12/3/2007 12:35:12 PM
Reprocess Number	: irv-wetchem6: 2154		
Operator	: inorg	Sample Name	: 7K28107-MSD1
Sample Number	: 7K28107	Study	: IQK2685-02
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	: 12/1/2007 1:04:38 AM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071129\200711290031.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290031.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290031.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290031.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290031.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.61	1731887.60	85.2304	85.2304	*
BROMATE	7.47	237303.90	17.2987	17.2987	*
DCA	12.06	1.17e+07	0.9401	0.9401	
BROMIDE	13.17	9265734.30	353.8360	353.8360	*
CHLORATE	14.39	2154088.40	91.6563	91.6563	*
		2.51e+07	548.9615	548.9615	

* Warning -- uncalibrated levels encountered

Missing Component Report

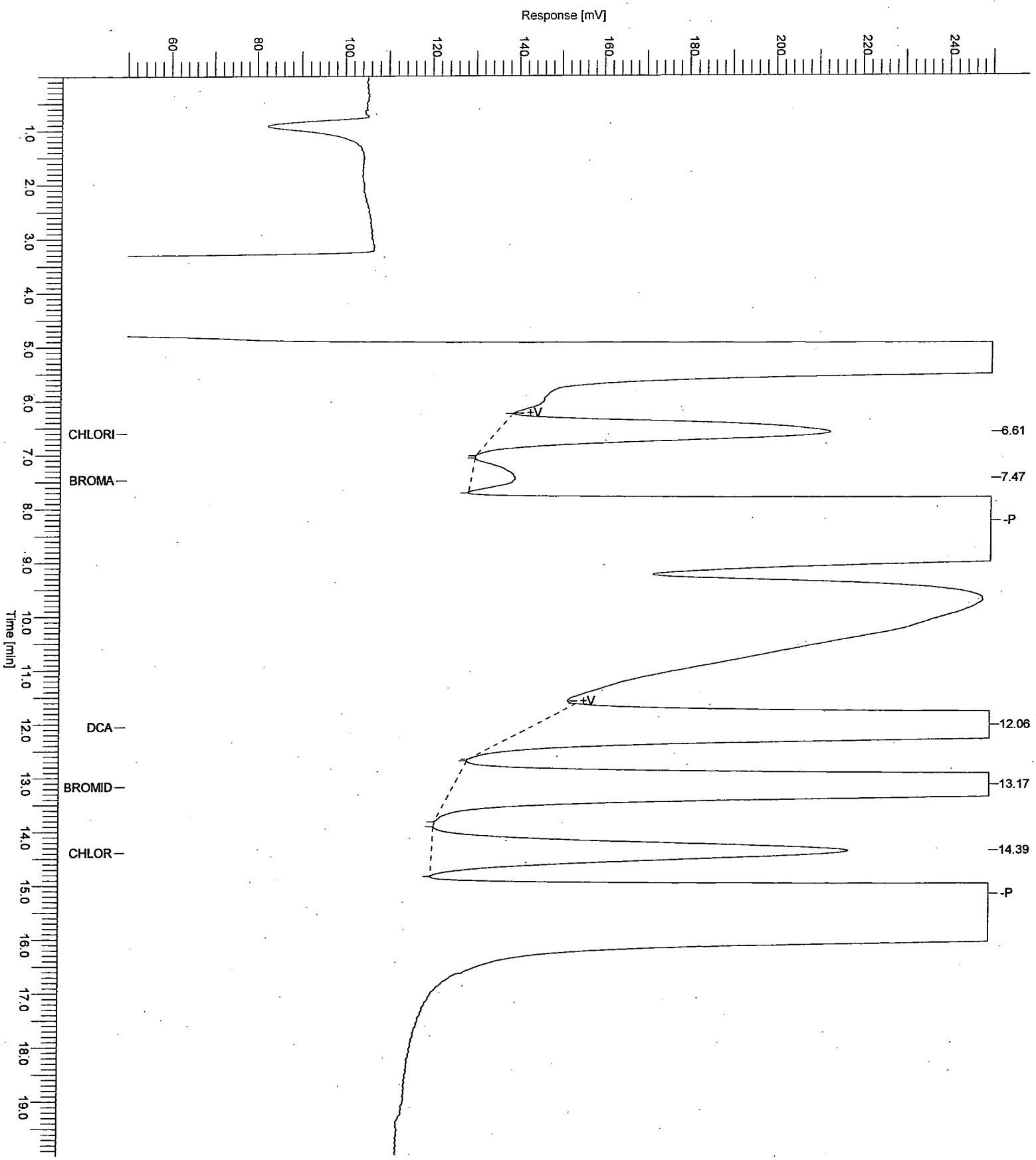
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290031.TX0

Chromatogram

Sample Name : 7K28107-MSD1 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290031.raw
Date : 12/3/2007 12:35:12 PM
Method : ic7qk06a Time of Injection: 12/1/2007 1:04:38 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	: 12/1/2007 9:43:05 AM
Reprocess Number	: irv-wetchem6: 2143		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K27071	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	: 12/1/2007 4:28:38 AM	Cycle	: 11

Raw Data File : H:\DATA\IC7\20071129\200711290035.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290035.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290035.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290035.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290035.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.64	1861514.60	91.6287	91.6287	*
BROMATE	7.42	324804.20	23.6936	23.6936	*
DCA	12.04	1.29e+07	1.0403	1.0403	
BROMIDE	13.22	6363352.40	242.7843	242.7843	*
CHLORATE	14.46	2319060.80	98.6429	98.6429	*
		2.38e+07	457.7897	457.7897	

* Warning – uncalibrated levels encountered

Missing Component Report

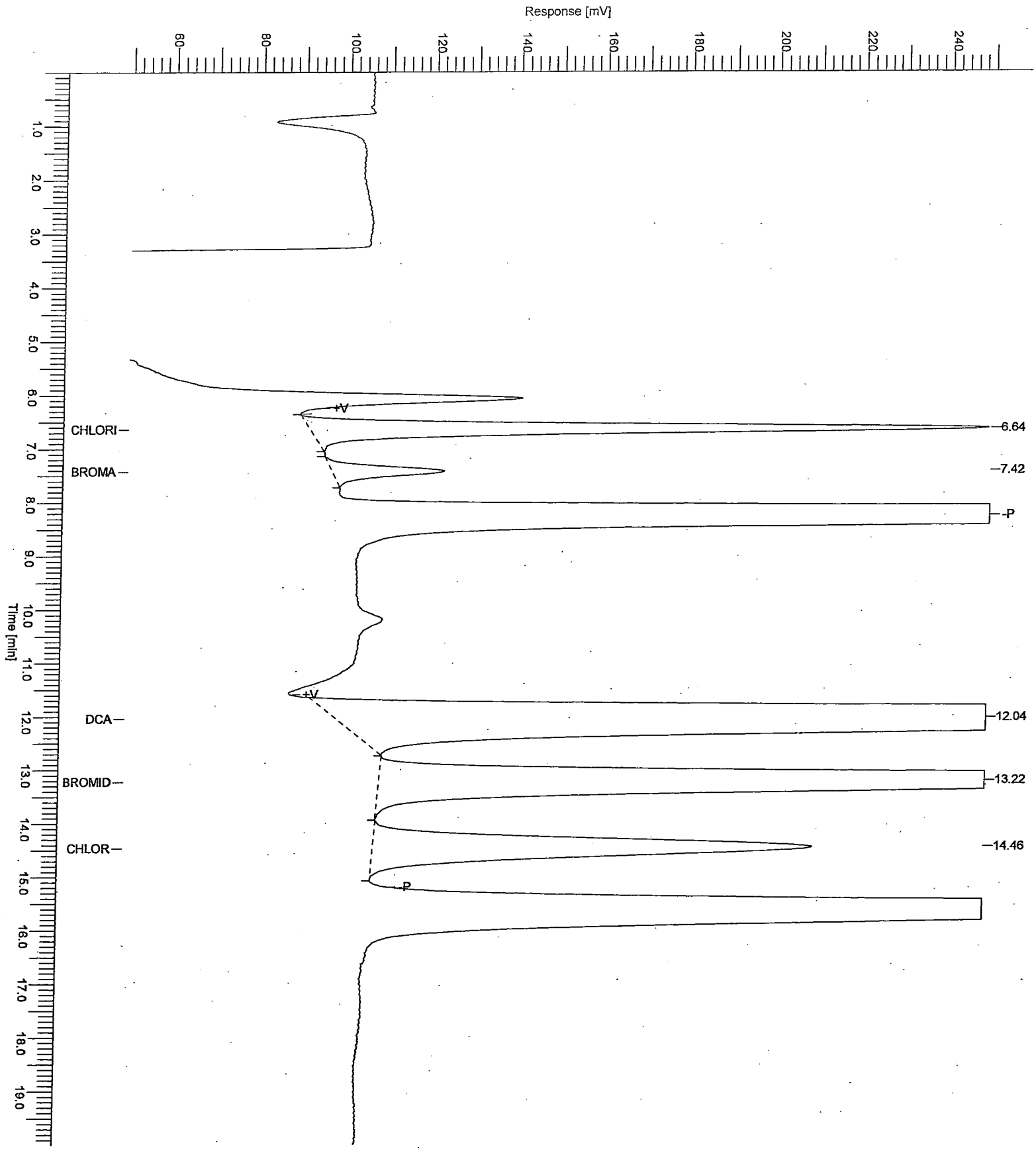
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290035.TX0

Chromatogram

Sample Name : CCV Sample #: 7K27071
FileName : H:\DATA\IC7\20071129\200711290035.raw
Date : 12/1/2007 9:43:05 AM
Method : ic7qk06a Time of Injection: 12/1/2007 4:28:38 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	: 12/1/2007 9:43:07 AM
Reprocess Number	: irv-wetchem6: 2144		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K27071	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	: 12/1/2007 5:19:40 AM	Cycle	: 12

Raw Data File : H:\DATA\IC7\20071129\200711290036.raw <Modified>
Result File : H:\DATA\IC7\20071129\200711290036.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071129\200711290036.raw
Proc Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290036.rst
Calib Method : h:\data\ic7\ic7qk29.mth from H:\DATA\IC7\20071129\200711290036.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.01	1.25e+07	1.0056	1.0056	
BROMIDE	13.12	0.00	0.0000	0.0000	
CHLORATE	14.41	0.00	0.0000	0.0000	
		1.25e+07	1.0056	1.0056	

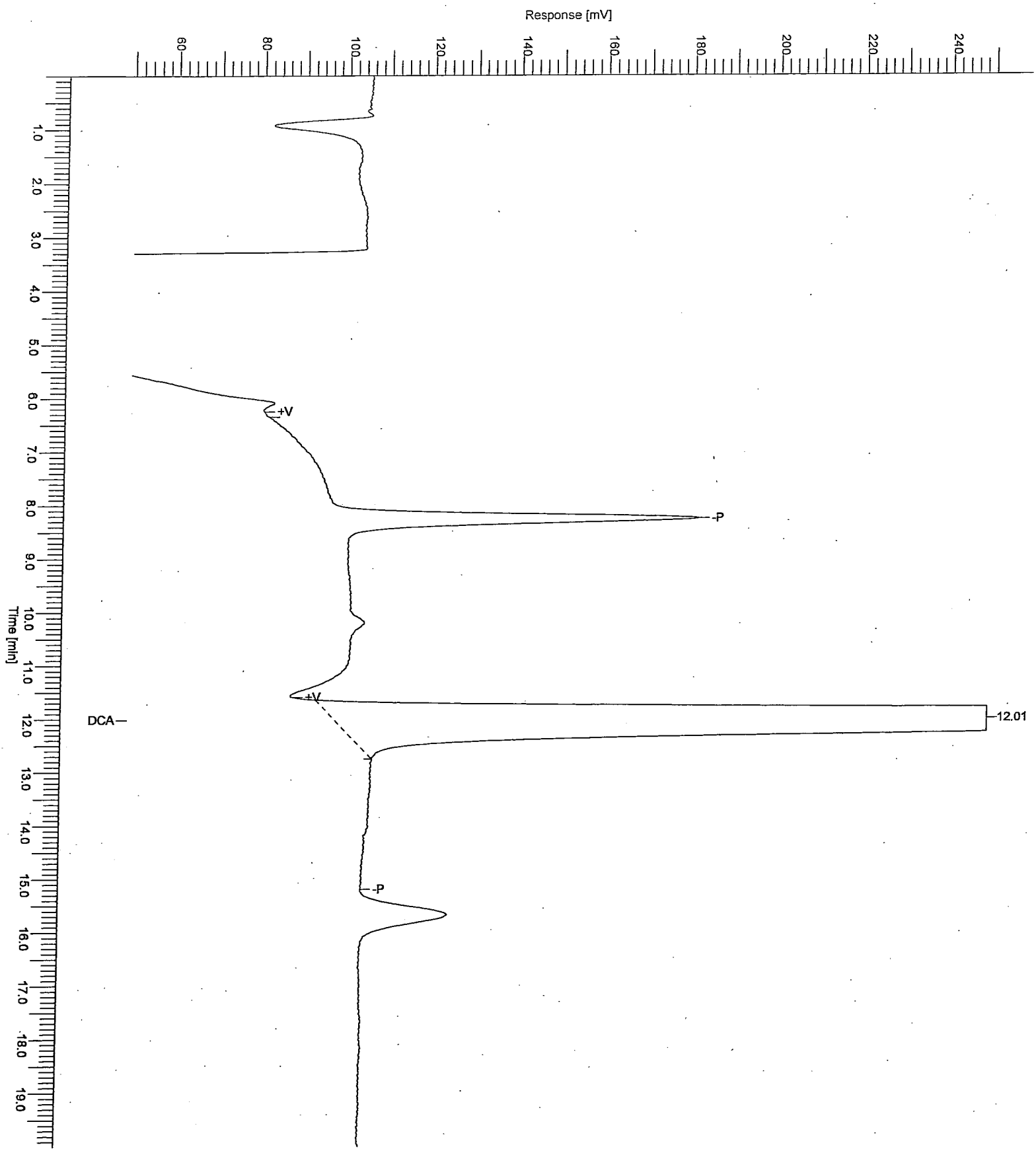
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
BROMIDE	13.118
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290036.TX0

Chromatogram

Sample Name : CCB Sample #: 7K27071 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290036.raw
Date : 12/1/2007 9:43:07 AM
Method : ic7qk06a Time of Injection: 12/1/2007 5:19:40 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	: 12/2/2007 2:03:44 AM
Reprocess Number	: ic: 155658		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K28107	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	: 12/2/2007 1:43:29 AM	Cycle	: 60

Raw Data File : H:\DATA\IC7\20071129\200711290060.raw
Result File : H:\DATA\IC7\20071129\200711290060.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290060.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290060.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290060.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	1890182.30	93.0437	93.0437	*
BROMATE	7.41	328918.40	23.9943	23.9943	*
DCA	12.08	1.33e+07	1.0695	1.0695	
BROMIDE	13.28	6432405.40	245.4264	245.4264	*
CHLORATE	14.50	2302652.12	97.9480	97.9480	*
		2.42e+07	461.4819	461.4819	

* Warning – uncalibrated levels encountered

Missing Component Report

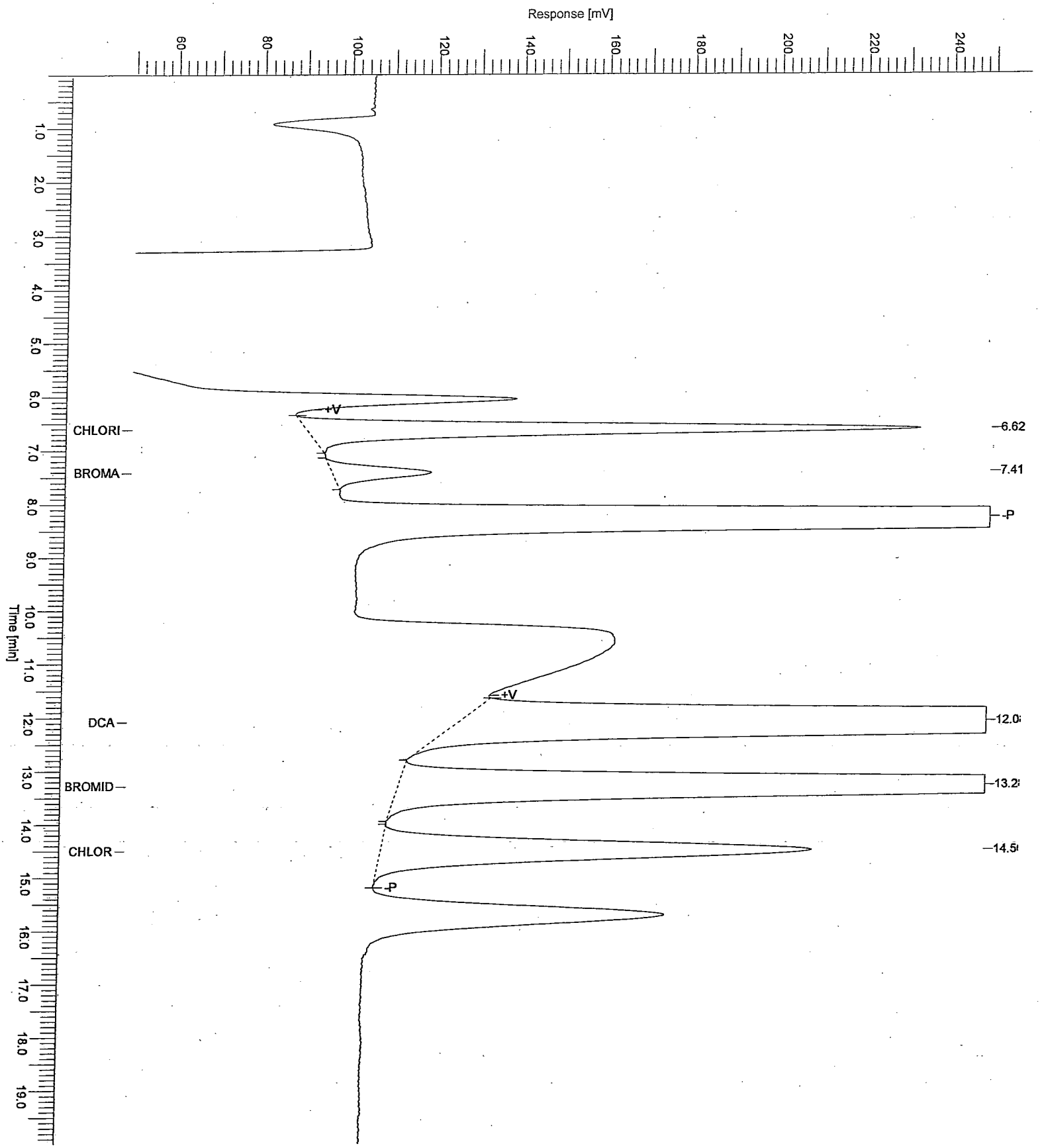
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290060.TX0

Chromatogram

Sample Name : CCV Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290060.raw
Date : 12/2/2007 2:03:46 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 1:43:29 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	: 12/2/2007 2:54:43 AM
Reprocess Number	: ic: 155659		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K28107	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	: 12/2/2007 2:34:30 AM	Cycle	: 61

Raw Data File : H:\DATA\IC7\20071129\200711290061.raw
Result File : H:\DATA\IC7\20071129\200711290061.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290061.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290061.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290061.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.06	1.31e+07	1.0541	1.0541	
BROMIDE	13.26	28615.40	0.4029	0.4029	*
CHLORATE	14.22	2356.80	0.5301	0.5301	*
		1.31e+07	1.9871	1.9871	

* Warning -- uncalibrated levels encountered

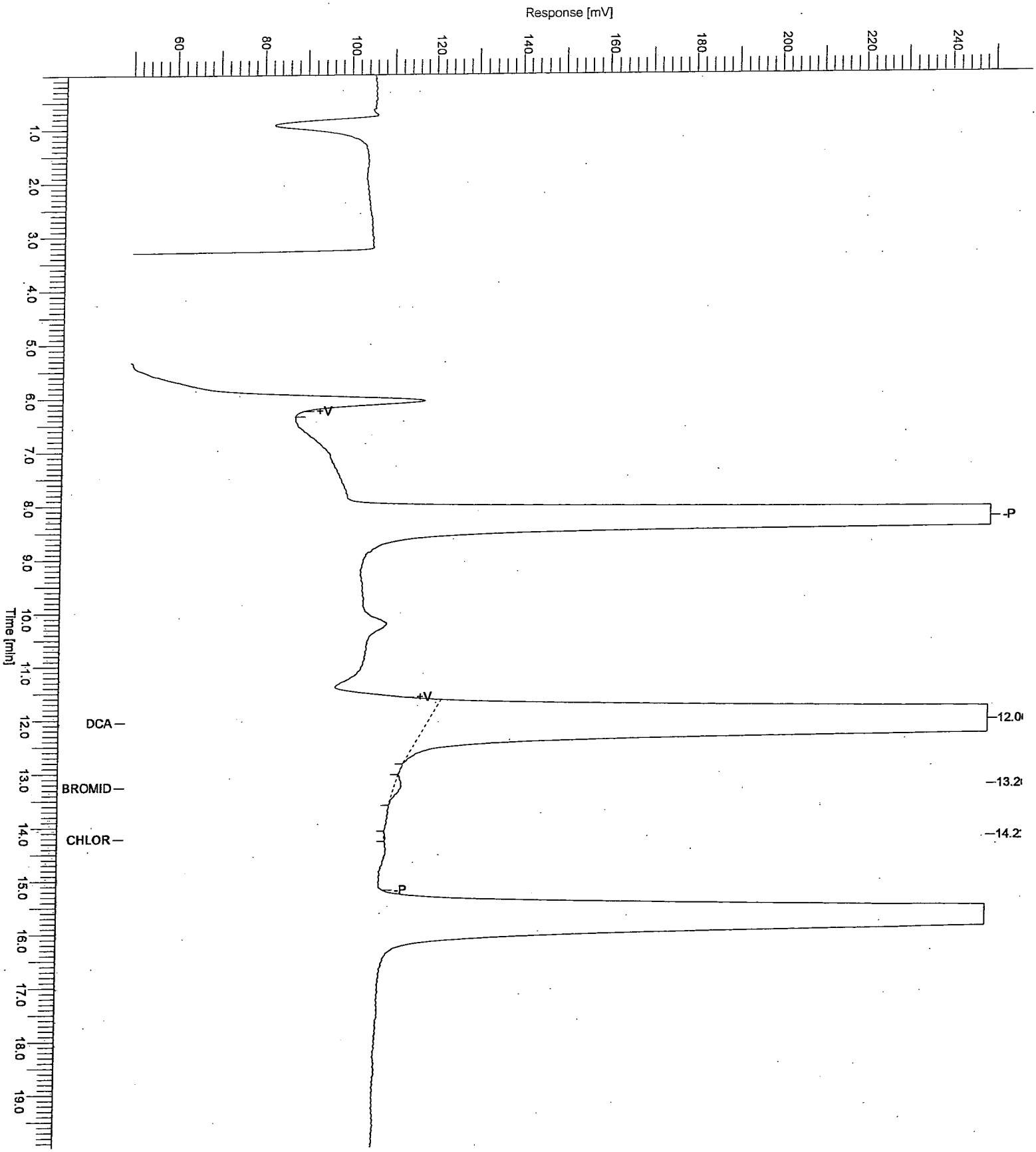
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290061.TX0

Chromatogram

Sample Name : CCB Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290061.raw
Date : 12/2/2007 2:54:44 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 2:34:30 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	: 12/2/2007 4:36:42 AM
Reprocess Number	: ic: 155661		
Operator	: inorg	Sample Name	: IQK1956-01
Sample Number	: 7K28107	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	: 12/2/2007 4:16:27 AM	Cycle	: 63

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Raw Data File : H:\DATA\IC7\20071129\200711290063.raw
Result File : H:\DATA\IC7\20071129\200711290063.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290063.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290063.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290063.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.05	1.28e+07	1.0277	1.0277	
BROMIDE	13.12	0.00	0.0000	0.0000	
CHLORATE	14.41	0.00	0.0000	0.0000	
		1.28e+07	1.0277	1.0277	

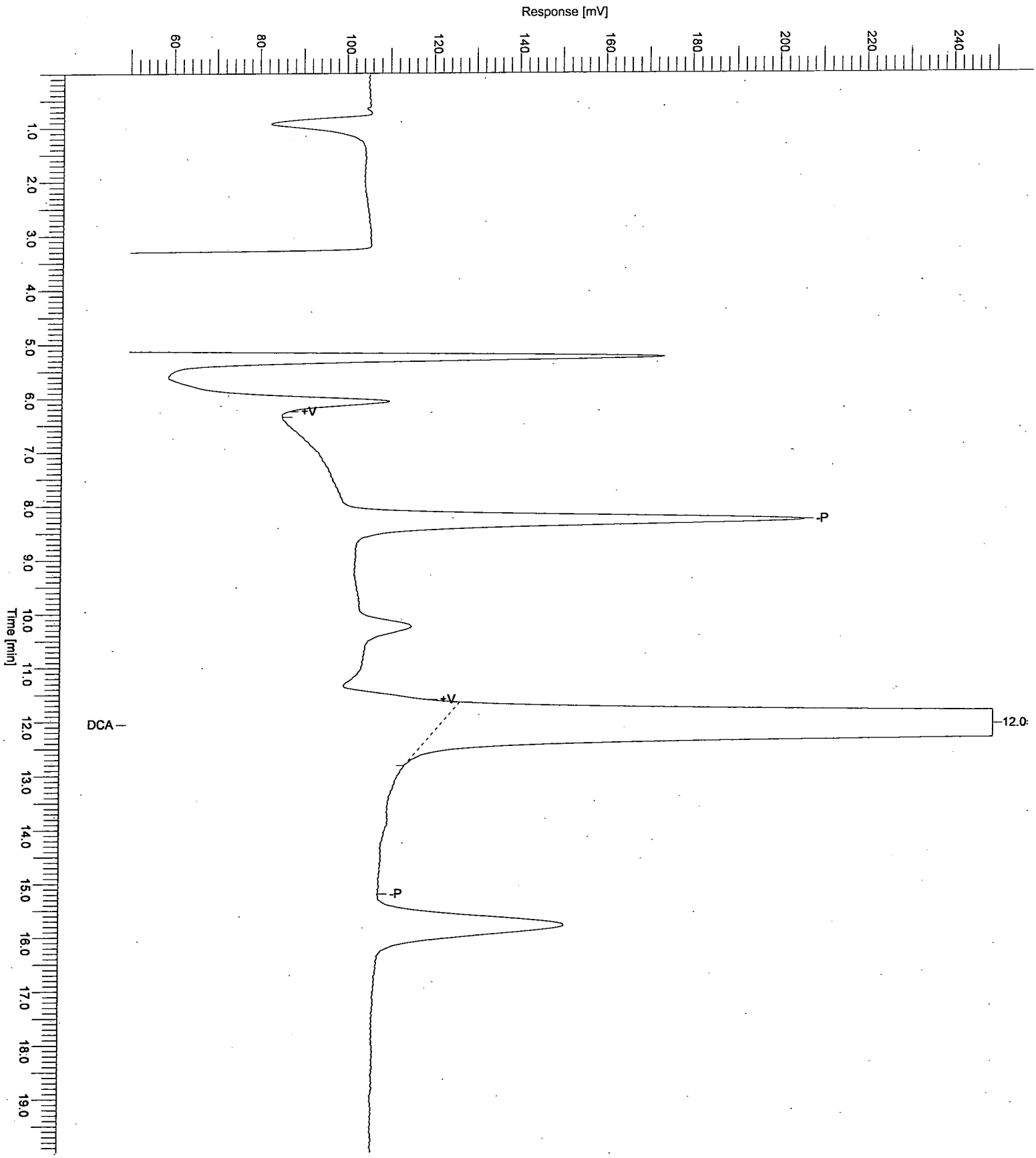
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
BROMIDE	13.118
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290063.TX0

Chromatogram

Sample Name : IQK1956-01 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290063.raw
Date : 12/2/2007 4:36:43 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 4:16:27 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	: 12/2/2007 8:00:49 AM
Reprocess Number	: ic: 155665		
Operator	: inorg	Sample Name	: IQK2520-01
Sample Number	: 7K28107	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	: 12/2/2007 7:40:27 AM	Cycle	: 67

Raw Data File : H:\DATA\IC7\20071129\200711290067.raw
Result File : H:\DATA\IC7\20071129\200711290067.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290067.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290067.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290067.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.06	1.34e+07	1.0782	1.0782	
BROMIDE	13.34	7388635.40	282.0140	282.0140	*
CHLORATE	14.41	0.00	0.0000	0.0000	
		2.08e+07	283.0922	283.0922	

* Warning -- uncalibrated levels encountered

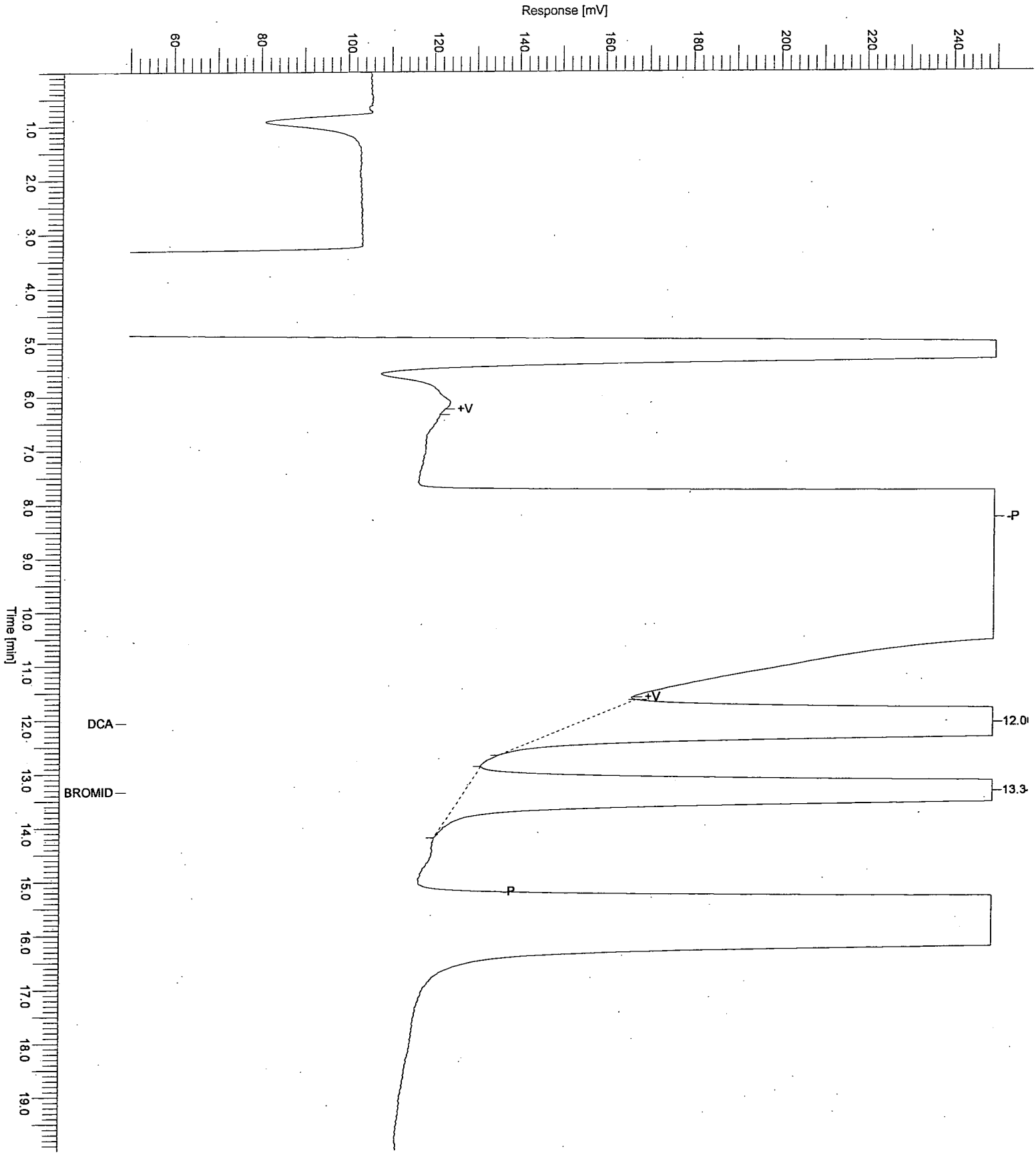
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290067.TX0

Chromatogram

Sample Name : IQK2520-01 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290067.raw
Date : 12/2/2007 8:00:51 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 7:40:27 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	: 12/3/2007 12:26:24 PM
Operator	: inorg	Sample Name	: 7K28107-MS2
Sample Number	: 7K28107	Study	: IQK2520-01
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	: 12/2/2007 8:31:26 AM	Cycle	: 68

Raw Data File : H:\DATA\IC7\20071129\200711290068.raw
Result File : H:\DATA\IC7\20071129\200711290068a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.61	1658018.06	81.5843	81.5843	*
BROMATE	7.42	97475.50	7.0796	7.0796	*
DCA	12.03	1.32e+07	1.0660	1.0660	
BROMIDE	13.27	1.39e+07	530.6064	530.6064	*
CHLORATE	14.48	2230275.80	94.8828	94.8828	*
		3.11e+07	715.2191	715.2191	

* Warning -- uncalibrated levels encountered

Missing Component Report

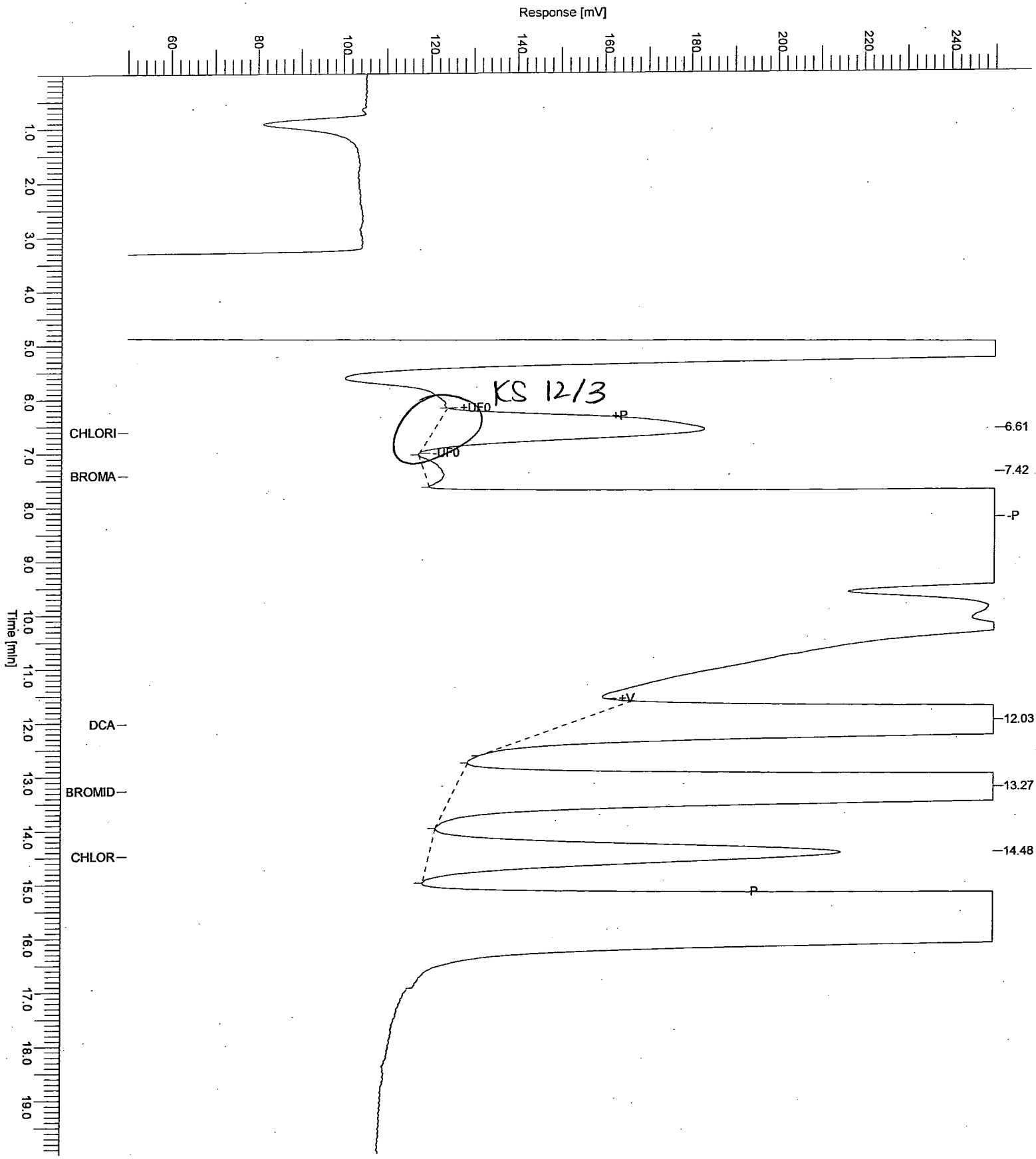
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290068a.TX0

Chromatogram

Sample Name : 7K28107-MS2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290068.raw
Date : 12/3/2007 12:26:25 PM
Method : Time of Injection: 12/2/2007 8:31:26 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	: 12/2/2007 8:51:42 AM
Reprocess Number	: ic: 155666		
Operator	: inorg	Sample Name	: 7K28107-MS2
Sample Number	: 7K28107	Study	: IQK2520-01
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	: 12/2/2007 8:31:26 AM	Cycle	: 68

Raw Data File : H:\DATA\IC7\20071129\200711290068.raw
Result File : H:\DATA\IC7\20071129\200711290068.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290068.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.61	842673.30	41.3396	41.3396	*
BROMATE	7.42	97109.00	7.0528	7.0528	*
DCA	12.03	1.32e+07	1.0660	1.0660	
BROMIDE	13.27	1.39e+07	530.6064	530.6064	*
CHLORATE	14.48	2230275.80	94.8828	94.8828	*
		3.03e+07	674.9475	674.9475	

Manual integration
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* Warning -- uncalibrated levels encountered

Missing Component Report

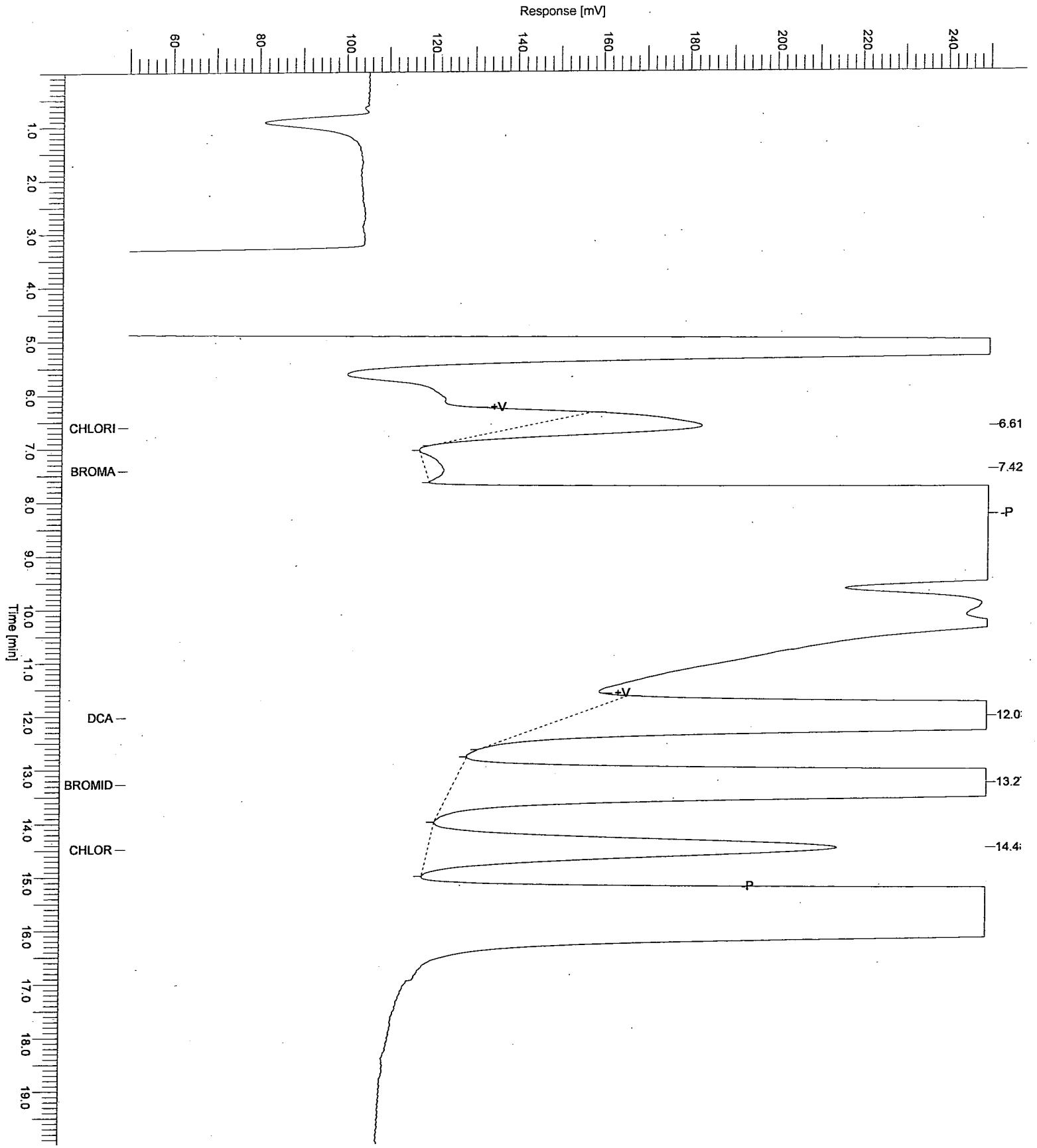
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290068.TX0

Chromatogram

Sample Name : 7K28107-MS2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290068.raw
Date : 12/2/2007 8:51:44 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 8:31:26 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	: 12/3/2007 12:26:47 PM
Operator	: inorg	Sample Name	: 7K28107-MSD2
Sample Number	: 7K28107	Study	: IQK2520-01
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	: 12/2/2007 9:22:25 AM	Cycle	: 69

Raw Data File : H:\DATA\IC7\20071129\200711290069.raw
Result File : H:\DATA\IC7\20071129\200711290069a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.64	1643581.80	80.8717	80.8717	*
BROMATE	7.51	54937.10	3.9707	3.9707	*
DCA	12.04	1.32e+07	1.0669	1.0669	
BROMIDE	13.25	1.39e+07	532.0145	532.0145	*
CHLORATE	14.46	2229403.00	94.8459	94.8459	*
		3.11e+07	712.7696	712.7696	

* Warning -- uncalibrated levels encountered

Missing Component Report

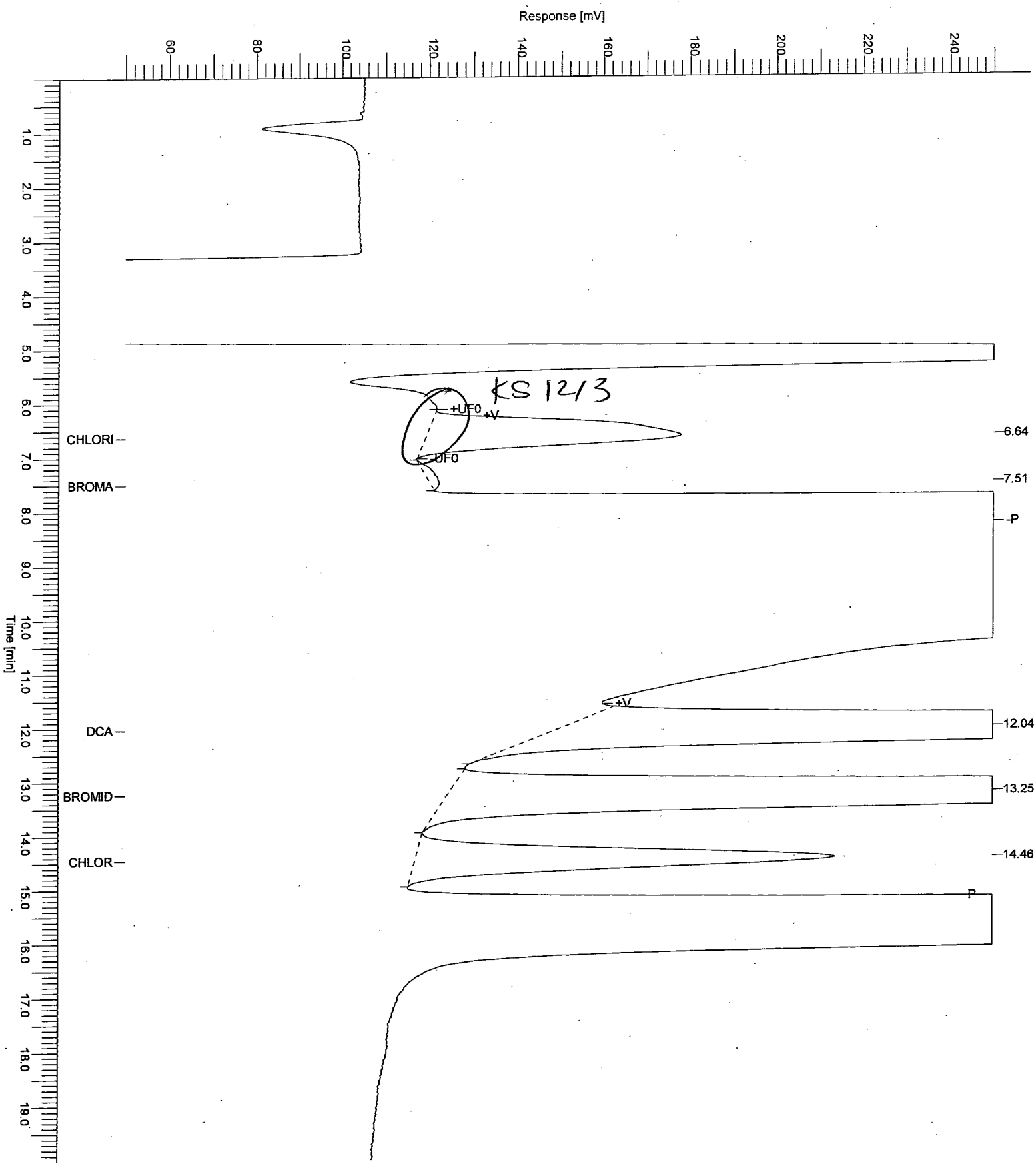
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290069a.TX0

Chromatogram

Sample Name : 7K28107-MSD2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290069.raw
Date : 12/3/2007 12:26:48 PM
Method : Time of Injection: 12/2/2007 9:22:25 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	: 12/2/2007 9:42:42 AM
Reprocess Number	: ic: 155667		
Operator	: inorg	Sample Name	: 7K28107-MSD2
Sample Number	: 7K28107	Study	: IQK2520-01
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	: 12/2/2007 9:22:25 AM	Cycle	: 69

Raw Data File : H:\DATA\IC7\20071129\200711290069.raw
Result File : H:\DATA\IC7\20071129\200711290069.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290069.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	840209.60	41.2180	41.2180	*
BROMATE	7.51	55396.00	4.0042	4.0042	*
DCA	12.04	1.32e+07	1.0669	1.0669	
BROMIDE	13.25	1.39e+07	532.0145	532.0145	*
CHLORATE	14.46	2229403.00	94.8459	94.8459	*
		3.03e+07	673.1494	673.1494	

Manual integration
Chlorite KS 12/3

* Warning -- uncalibrated levels encountered

Missing Component Report

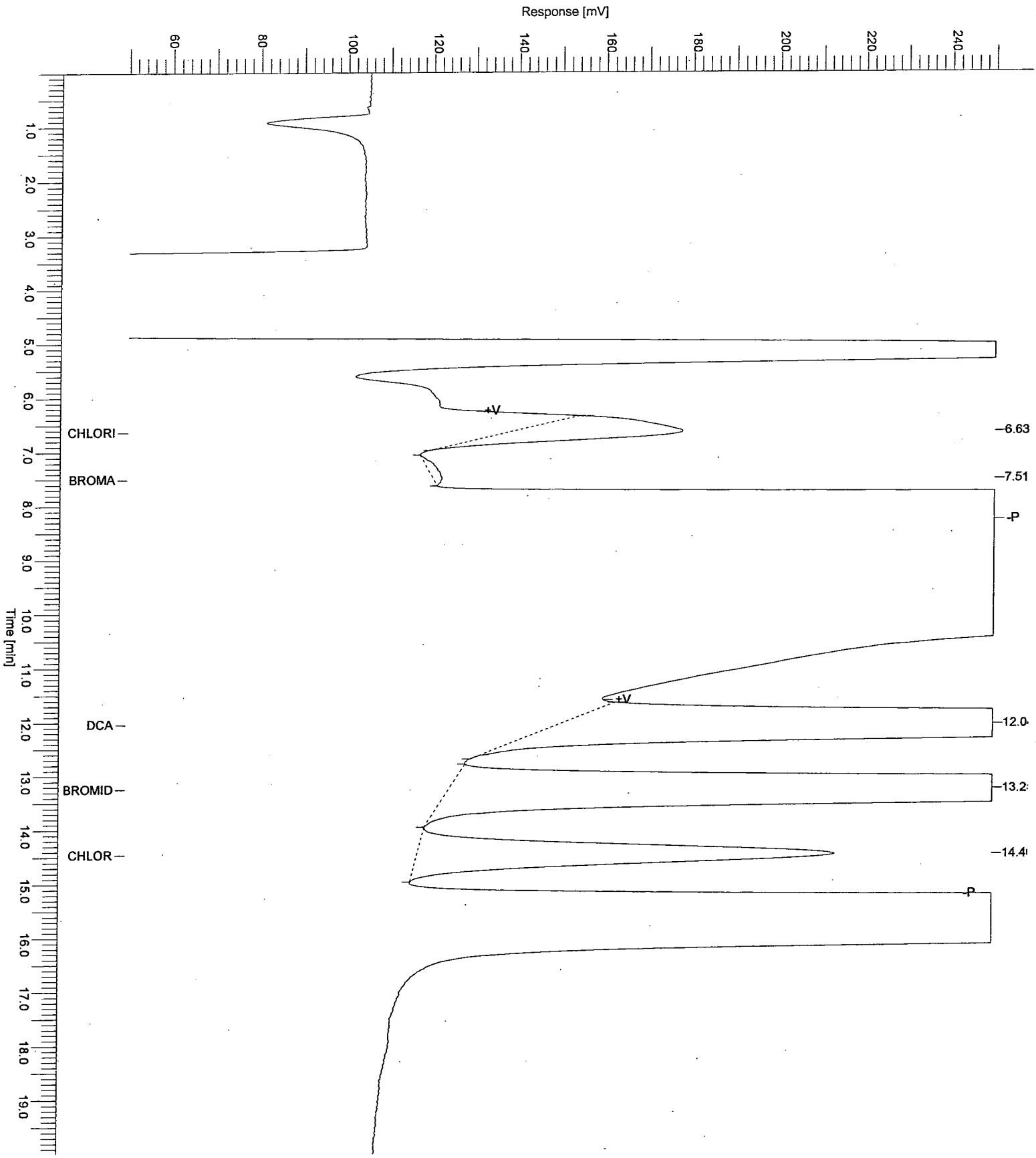
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290069.TX0

Chromatogram

Sample Name : 7K28107-MSD2 Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290069.raw
Date : 12/2/2007 9:42:43 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 9:22:25 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	: 12/2/2007 12:15:36 PM
Reprocess Number	: ic: 155670		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K28107	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	: 12/2/2007 11:55:22 AM	Cycle	: 72

Raw Data File : H:\DATA\IC7\20071129\200711290072.raw
Result File : H:\DATA\IC7\20071129\200711290072.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290072.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290072.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290072.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.62	1915671.70	94.3019	94.3019	*
BROMATE	7.43	339798.40	24.7894	24.7894	*
DCA	12.09	1.31e+07	1.0561	1.0561	
BROMIDE	13.14	6319321.50	241.0996	241.0996	*
CHLORATE	14.38	2326276.80	98.9485	98.9485	*
		2.40e+07	460.1954	460.1954	

* Warning – uncalibrated levels encountered

Missing Component Report

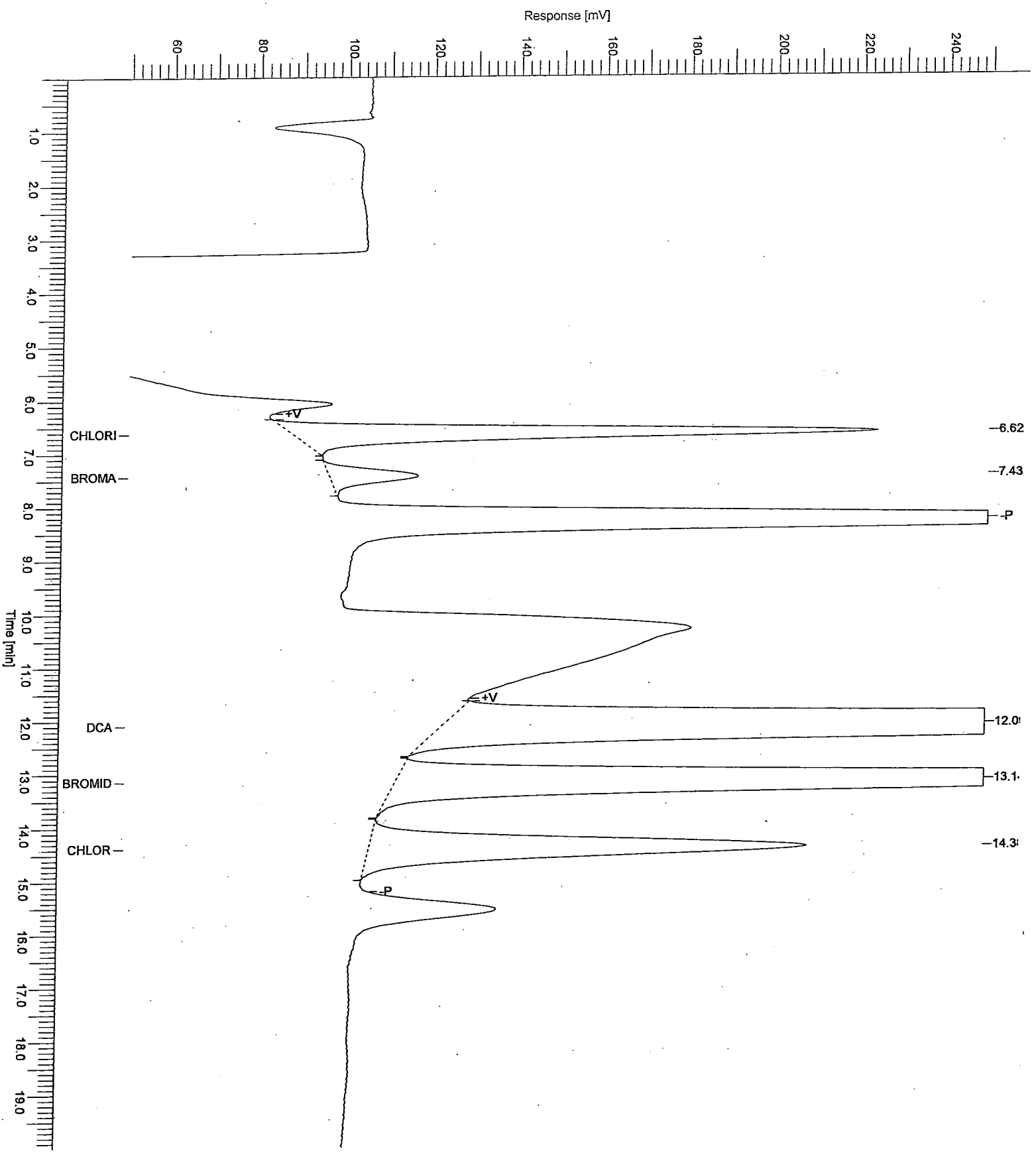
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290072.TX0

Chromatogram

Sample Name : CCV Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290072.raw
Date : 12/2/2007 12:15:37 PM
Method : ic7qk29.mth Time of Injection: 12/2/2007 11:55:22 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	: 12/2/2007 1:06:38 PM
Reprocess Number	: ic: 155671		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K28107	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	: 12/2/2007 12:46:22 PM	Cycle	: 73

Raw Data File : H:\DATA\IC7\20071129\200711290073.raw
Result File : H:\DATA\IC7\20071129\200711290073.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290073.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290073.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290073.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	0.00	0.0000	0.0000	
BROMATE	7.41	0.00	0.0000	0.0000	
DCA	12.04	1.27e+07	1.0229	1.0229	
BROMIDE	13.50	3737.80	-0.5489	-0.5489	*
CHLORATE	14.41	0.00	0.0000	0.0000	
		1.27e+07	0.4739	0.4739	

* Warning -- uncalibrated levels encountered

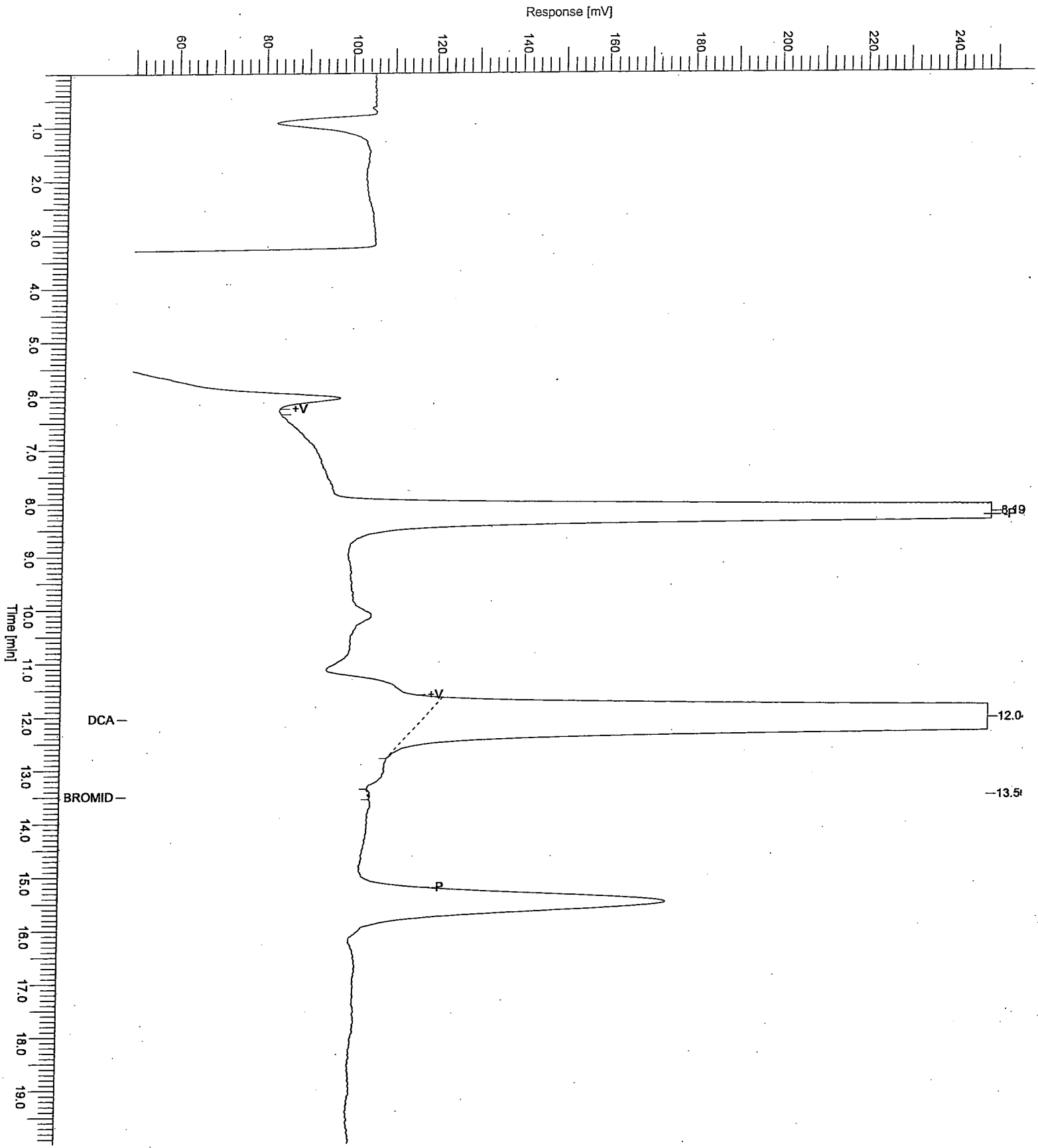
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.626
BROMATE	7.408
CHLORATE	14.407

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290073.TX0

Chromatogram

Sample Name : CCB Sample #: 7K28107
FileName : H:\DATA\IC7\20071129\200711290073.raw
Date : 12/2/2007 1:06:39 PM
Method : ic7qk29.mth Time of Injection: 12/2/2007 12:46:22 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	: 12/2/2007 3:45:43 AM
Reprocess Number	: ic: 155660		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K28107	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	: 12/2/2007 3:25:29 AM	Cycle	: 62

Raw Data File : H:\DATA\IC7\20071129\200711290062.raw
Result File : H:\DATA\IC7\20071129\200711290062.rst
Inst Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290062.raw
Proc Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290062.rst
Calib Method : h:\data\ic7\ic7qk29 from H:\DATA\IC7\20071129\200711290062.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071129\20071129.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.63	342467.40	16.6498	16.6498	*
BROMATE	7.42	73467.20	5.3249	5.3249	*
DCA	12.03	1.30e+07	1.0451	1.0451	
BROMIDE	13.32	1209731.90	45.5951	45.5951	*
CHLORATE	14.53	443792.80	19.2250	19.2250	*
		1.50e+07	87.8399	87.8399	

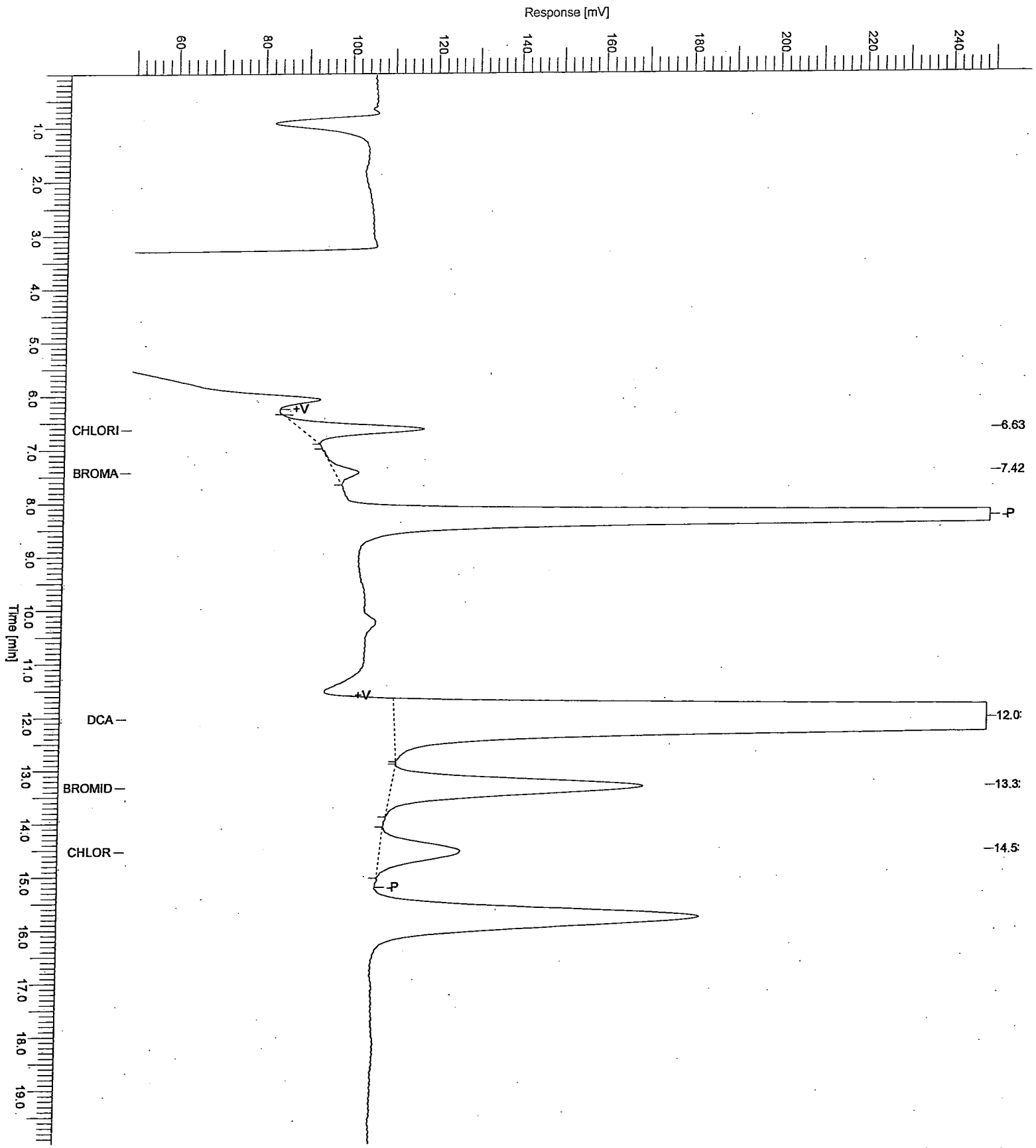
* Warning -- uncalibrated levels encountered

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071129\200711290062.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K28107 Page 1 of 1
FileName : H:\DATA\IC7\20071129\200711290062.raw
Date : 12/2/2007 3:45:44 AM
Method : ic7qk29.mth Time of Injection: 12/2/2007 3:25:29 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