TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1137
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS C & D
20072263V1

SAMPLED: 11/9/07

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:**	11/9/2007
Project:	Phase 2 Sampling Tronox Parcels C & D 20072263V1	**Date Received:**	11/10/2007
Lab:	IQK1137		

SAMPLE RECEIPT: Samples were received intact, on ice, and with chain of custody documentation. The sample temperature was measured at 1.5° C upon receipt at the laboratory.

HOLDING TIMES: All samples were analyzed within holding times.

PROBLEMS ENCOUNTERED: No problems were encountered.

QA/QC CRITERIA: QA/QC parameters met acceptance limits.

OBSERVATIONS: Chlorite reporting limit was raised due to sample matrix effects for EPA 300.1 Mod. sample IQK1137-03.

Chlorite reporting limit was raised due to sample matrix effects for EPA 300.1 Mod. sample IQK1137-11.

SUBCONTRACTED: None.

TestAmerica - Irvine, CA

Joseph Doak
Project Manager
MVC

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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
C & D
20072263V1
Sampled: 11/09/07
Received: 11/10/07
Revised: 12/07/07 10:43

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(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: This is a revised report to correct units in QC for Chlorite.

LABORATORY ID	CLIENT ID	MATRIX
IQK1137-01	TSB-CR-07-0'	Soil
IQK1137-02	TSB-CR-07-10'	Soil
IQK1137-03	TSB-CR-08-0'	Soil
IQK1137-04	TSB-CR-08-0'-FD	Soil
IQK1137-05	TSB-CJ-08-10'	Soil
IQK1137-06	TSB-CJ-04-0'	Soil
IQK1137-07	TSB-CJ-04-10'	Soil
IQK1137-08	TSB-CJ-07-0'	Soil
IQK1137-09	TSB-CJ-07-10'	Soil
IQK1137-10	TSB-CJ-03-0'	Soil
IQK1137-11	TSB-CJ-03-10'	Soil

Reviewed By:

TestAmerica - Irvine, CA
Joseph Doak
Project Manager

TestAmerica

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PREPARED FOR: STL – ST. LOUIS
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20072263V1

CHAIN OF CUSTODY FORM

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IQK1137

ERM CHAIN OF CUSTODY RECORD

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

IQK1137

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

FED EX #: 8606 4461 3157

Date: 11-9-07

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

PROJECT NAME: PHASE 2 SAMPLING TRONOX PARCELS C AND D
PROJECT NUMBER: 20072263V1

SAMPLE ID	DATE	TIME	Container: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	ANALYSIS REQUEST: Hex Chrome 7196	Dichlorobenzil 8270C	Chlorite 300.1
TSB-CR-07-0'	11-9-07	0745	X							X	X	X
~~TSB-CR-07-0'-FD~~	11-9-07	0745	X							X	X	X
TSB-CR-07-10'	11-9-07	0805	X							X	X	X
TSB-CR-08-0	11-9-07	0850	X							X	X	X
TSB-CR-08-0-FD	11-9-07	0850	X							X	X	X
TSB-CJ-08-10	11-9-07	0925	X							X	X	X
TSB-CJ-04-0	11-9-07	0955	X							X	X	X
TSB-CJ-04-10	11-9-07	1015	X							X	X	X
TSB-CJ-07-0'	11-9-07	1060	X							X	X	X
TSB-CJ-07-10'	11-9-07	1115	X							X	X	X

(CLP)

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

* Parcel C
* ERM Project #0069073

AT 1445 11/10/07

	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	Adrianne Watkins	Adrianne Watkins	GBS/ Staff Scientist	11-9-07	3:19
RECEIVED BY:	FedEx Airbill 8606 4461 3157	FedEx	~~TEST~~ TestAmerica	11/12/07	1157
RELINQUISHED BY:		TestAmerica	MicRoach TAI	11/10/07	1312
RECEIVED BY:		Angel Perez TAI		11/10	1312

For Lab Use Only: Sample Condition Upon Receipt:

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

COPIES: Retained by Sampler, Sent to Office

1-5

4

ERM CHAIN OF CUSTODY RECORD

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 #: 8606 4461 3157 Date:

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

PROJECT NAME: PHASE 2 SAMPLING TRONOX PARCELS C AND D
PROJECT NUMBER: 20072263V1

SAMPLE ID	DATE	TIME	Container: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	ANALYSIS REQUEST: Hex Chrome 7196	Dichlorobenzil 8270C	Chlorite 300.1
ISB-CJ-03-0'	11-9-07	1200	X							X	X	X
ISB-CJ-03-10'	11-9-07	1345	X							X	X	X

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

* Parcel C
* ERM Project # 0069073

	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	Adrianne Watkins	Adrianne Watkins	GES/ Staff Scientist	11-9-07	3:19
RECEIVED BY:	Fedex	Fedex	TAL	11/10/07	1157
RELINQUISHED BY:		Michelle Crouch	TAL	11/10/07	1312
RECEIVED BY:		Angel Jurso	TAL	11/10	1312

For Lab Use Only: Sample Condition Upon Receipt:

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

COPIES: Retained by Sampler, Sent to Office

1-1

5

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ANALYTICAL REPORT

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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 C & D
20072263V1
Report Number: IQK1137

Sampled: 11/09/07
Received: 11/10/07

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-01 (TSB-CR-07-0' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/15/07	
Surrogate: 2-Fluorophenol (25-120%)					*56 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*65 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*72 %*				
Surrogate: Terphenyl-d14 (40-135%)					*89 %*				
Sample ID: IQK1137-02 (TSB-CR-07-10' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*76 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*62 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*69 %*				
Surrogate: Terphenyl-d14 (40-135%)					*85 %*				
Sample ID: IQK1137-03 (TSB-CR-08-0' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Phenol-d6 (35-120%)					*76 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*80 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*75 %*				
Surrogate: Terphenyl-d14 (40-135%)					*97 %*				

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STL - St. Louis, MO (Sub)	Project ID: Phase 2 Sampling Tronox Parcels C & D	
13715 Rider Trail North	20072263V1	Sampled: 11/09/07
Earth City, MO 63045	Report Number: IQK1137	Received: 11/10/07
Attention: Jerry Everett		

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-04 (TSB-CR-08-0'-FD - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*60 %*				
Surrogate: Phenol-d6 (35-120%)					*73 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*72 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*65 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*70 %*				
Surrogate: Terphenyl-d14 (40-135%)					*80 %*				
Sample ID: IQK1137-05 (TSB-CJ-08-10' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/15/07	
Surrogate: 2-Fluorophenol (25-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*77 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*84 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*75 %*				
Surrogate: Terphenyl-d14 (40-135%)					*72 %*				
Sample ID: IQK1137-06 (TSB-CJ-04-0' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*67 %*				
Surrogate: Phenol-d6 (35-120%)					*81 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*79 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*77 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				

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STL - St. Louis, MO (Sub)	Project ID: Phase 2 Sampling Tronox Parcels C & D	
13715 Rider Trail North	20072263V1	Sampled: 11/09/07
Earth City, MO 63045	Report Number: IQK1137	Received: 11/10/07
Attention: Jerry Everett		

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-07 (TSB-CJ-04-10' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*57 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*68 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*62 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*67 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: IQK1137-08 (TSB-CJ-07-0' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/19/07	
Surrogate: 2-Fluorophenol (25-120%)					*69 %*				
Surrogate: Phenol-d6 (35-120%)					*87 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*74 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*83 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: IQK1137-09 (TSB-CJ-07-10' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*59 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*79 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*63 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*74 %*				
Surrogate: Terphenyl-d14 (40-135%)					*76 %*				

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

Project ID: Phase 2 Sampling Tronox Parcels C & D
20072263V1
Report Number: IQK1137

Sampled: 11/09/07
Received: 11/10/07

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-10 (TSB-CJ-03-0' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Phenol-d6 (35-120%)					*67 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*77 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*78 %*				
Surrogate: Terphenyl-d14 (40-135%)					*76 %*				
Sample ID: IQK1137-11 (TSB-CJ-03-10' - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	7K12065	70	330	ND	1	11/12/07	11/16/07	
Surrogate: 2-Fluorophenol (25-120%)					*56 %*				
Surrogate: Phenol-d6 (35-120%)					*57 %*				
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*61 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*68 %*				
Surrogate: Terphenyl-d14 (40-135%)					*75 %*				

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20072263V1
Report Number: IQK1137

Sampled: 11/09/07
Received: 11/10/07

INORGANICS

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-01 (TSB-CR-07-0' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-02 (TSB-CR-07-10' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-03 (TSB-CR-08-0' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-04 (TSB-CR-08-0'-FD - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-05 (TSB-CJ-08-10' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-06 (TSB-CJ-04-0' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-07 (TSB-CJ-04-10' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-08 (TSB-CJ-07-0' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-09 (TSB-CJ-07-10' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-10 (TSB-CJ-03-0' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	

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Report Number: IQK1137

Sampled: 11/09/07
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INORGANICS

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-11 (TSB-CJ-03-10' - Soil)									
Reporting Units: mg/kg dry									
Chromium VI	3060A/7196A	7K19120	N/A	1.0	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-01 (TSB-CR-07-0' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/19/07	
Sample ID: IQK1137-02 (TSB-CR-07-10' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-03 (TSB-CR-08-0' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	400	2000	ND	10	11/19/07	11/21/07	RL1
Sample ID: IQK1137-04 (TSB-CR-08-0'-FD - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-05 (TSB-CJ-08-10' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-06 (TSB-CJ-04-0' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-07 (TSB-CJ-04-10' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-08 (TSB-CJ-07-0' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-09 (TSB-CJ-07-10' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

STL - St. Louis, MO (Sub)	Project ID: Phase 2 Sampling Tronox Parcels C & D	
13715 Rider Trail North	20072263V1	Sampled: 11/09/07
Earth City, MO 63045	Report Number: IQK1137	Received: 11/10/07
Attention: Jerry Everett		

INORGANICS

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQK1137-10 (TSB-CJ-03-0' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	40	200	ND	1	11/19/07	11/20/07	
Sample ID: IQK1137-11 (TSB-CJ-03-10' - Soil)									
Reporting Units: ug/kg									
Chlorite	EPA 300.1 Mod.	7K19101	800	4000	ND	20	11/19/07	11/21/07	RL1

TestAmerica - Irvine, CA

Joseph Doak
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1137
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS C & D
20072263V1

QUALITY CONTROL SUMMARY

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

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

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K12065 Extracted: 11/12/07											
Blank Analyzed: 11/13/2007 (7K12065-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	330	70	ug/kg							
Surrogate: 2-Fluorophenol	*4440*			*ug/kg*	*6670*		*67*	*25-120*			
Surrogate: Phenol-d6	*4750*			*ug/kg*	*6670*		*71*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*5390*			*ug/kg*	*6670*		*81*	*35-125*			
Surrogate: Nitrobenzene-d5	*2410*			*ug/kg*	*3330*		*72*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2590*			*ug/kg*	*3330*		*78*	*35-120*			
Surrogate: Terphenyl-d14	*2870*			*ug/kg*	*3330*		*86*	*40-135*			
LCS Analyzed: 11/13/2007 (7K12065-BS1)											
2,2'-/4,4'-Dichlorobenzil	3170	330	70	ug/kg	3330		95	50-130			
Surrogate: 2-Fluorophenol	*4170*			*ug/kg*	*6670*		*63*	*25-120*			
Surrogate: Phenol-d6	*4360*			*ug/kg*	*6670*		*65*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*5420*			*ug/kg*	*6670*		*81*	*35-125*			
Surrogate: Nitrobenzene-d5	*2260*			*ug/kg*	*3330*		*68*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2340*			*ug/kg*	*3330*		*70*	*35-120*			
Surrogate: Terphenyl-d14	*2930*			*ug/kg*	*3330*		*88*	*40-135*			
Matrix Spike Analyzed: 11/15/2007 (7K12065-MS1)						**Source: IQK1137-05**					
2,2'-/4,4'-Dichlorobenzil	2870	330	70	ug/kg	3330	ND	86	50-130			
Surrogate: 2-Fluorophenol	*4660*			*ug/kg*	*6670*		*70*	*25-120*			
Surrogate: Phenol-d6	*5210*			*ug/kg*	*6670*		*78*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*6740*			*ug/kg*	*6670*		*101*	*35-125*			
Surrogate: Nitrobenzene-d5	*2560*			*ug/kg*	*3330*		*77*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2730*			*ug/kg*	*3330*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*2630*			*ug/kg*	*3330*		*79*	*40-135*			
Matrix Spike Dup Analyzed: 11/15/2007 (7K12065-MSD1)						**Source: IQK1137-05**					
2,2'-/4,4'-Dichlorobenzil	3210	330	70	ug/kg	3330	ND	96	50-130	11	30	
Surrogate: 2-Fluorophenol	*4220*			*ug/kg*	*6670*		*63*	*25-120*			
Surrogate: Phenol-d6	*4910*			*ug/kg*	*6670*		*74*	*35-120*			
Surrogate: 2,4,6-Tribromophenol	*6120*			*ug/kg*	*6670*		*92*	*35-125*			
Surrogate: Nitrobenzene-d5	*2230*			*ug/kg*	*3330*		*67*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2550*			*ug/kg*	*3330*		*77*	*35-120*			
Surrogate: Terphenyl-d14	*2910*			*ug/kg*	*3330*		*87*	*40-135*			

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Earth City, MO 63045
Attention: Jerry Everett

Project ID: Phase 2 Sampling Tronox Parcels C & D
20072263V1
Report Number: IQK1137

Sampled: 11/09/07
Received: 11/10/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K19101 Extracted: 11/19/07											
Blank Analyzed: 11/19/2007 (7K19101-BLK1)											
Chlorite	ND	200	40	ug/kg							
LCS Analyzed: 11/19/2007 (7K19101-BS1)											
Chlorite	1030	200	40	ug/kg	1000		103	75-125			
Matrix Spike Analyzed: 11/20/2007 (7K19101-MS1)						**Source: IQK1137-01**					
Chlorite	872	200	40	ug/kg	1000	ND	87	75-125			
Matrix Spike Analyzed: 11/22/2007 (7K19101-MS2)						**Source: IQK1480-07**					
Chlorite	811	200	40	ug/kg	1000	ND	81	75-125			
Matrix Spike Dup Analyzed: 11/20/2007 (7K19101-MSD1)						**Source: IQK1137-01**					
Chlorite	852	200	40	ug/kg	1000	ND	85	75-125	2	25	
Matrix Spike Dup Analyzed: 11/22/2007 (7K19101-MSD2)						**Source: IQK1480-07**					
Chlorite	851	200	40	ug/kg	1000	ND	85	75-125	5	25	
Batch: 7K19120 Extracted: 11/19/07											
Blank Analyzed: 11/19/2007 (7K19120-BLK1)											
Chromium VI	ND	1.0	N/A	mg/kg wet							
LCS Analyzed: 11/19/2007 (7K19120-BS1)											
Chromium VI	14.8	1.0	N/A	mg/kg wet	16.0		93	80-120			
Matrix Spike Analyzed: 11/19/2007 (7K19120-MS1)						**Source: IQK1137-01**					
Chromium VI	13.9	1.0	N/A	mg/kg dry	16.1	ND	86	75-125			

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7K19120 Extracted: 11/19/07											
Matrix Spike Dup Analyzed: 11/19/2007 (7K19120-MSD1)						**Source: IQK1137-01**					
Chromium VI	13.7	1.0	N/A	mg/kg dry	16.1	ND	85	75-125	1	20	

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DATA QUALIFIERS AND DEFINITIONS

RL1 Reporting limit raised due to sample matrix effects.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

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Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
3060A/7196A	Soil	X	X
EPA 300.1 Mod.	Soil		
EPA 8270C	Soil	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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QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1137
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20072263V1

EPA 8270C LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA

- SAMPLE RAW DATA

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				
4	50ppm Midpoint STD	–	SSTD050A	–	KS	ICAL	updated #11/7/07	11/8/07	#7100431
5	5ppm	–	005	–					428
6	10ppm	–	010	–					429
7	80ppm	–	080	–			BZ/B/625		432
8	120ppm	–	120	–			ICAL		433
9	160ppm	–	160	–			#7K0758V		434
10	2ppm	–	002	–					427
11	50ppm Sec. Source	–	LCS050	–					#7090368
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# See above

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

Standard Code:

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

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

2nd Level Review:		Analyst:	DF
Date:	11/8/07	Analysis Date:	4/7/07
		GCMS #:	8

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

Comments:

GC/MS QA-QC Check Report

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

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

	(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 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		

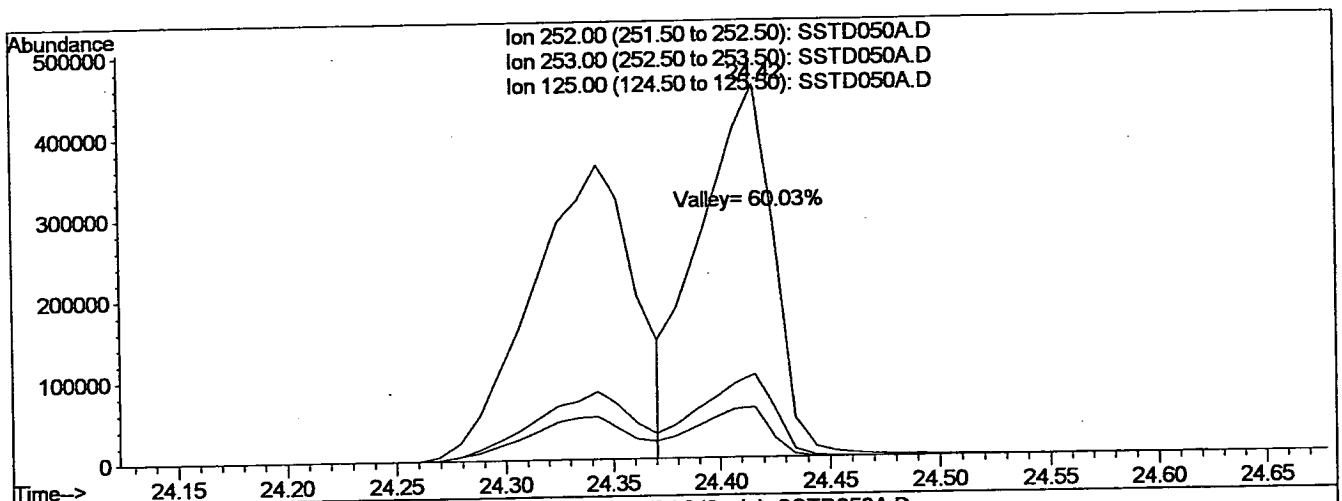
(#) = Out of Range
(*) = Linear Regression

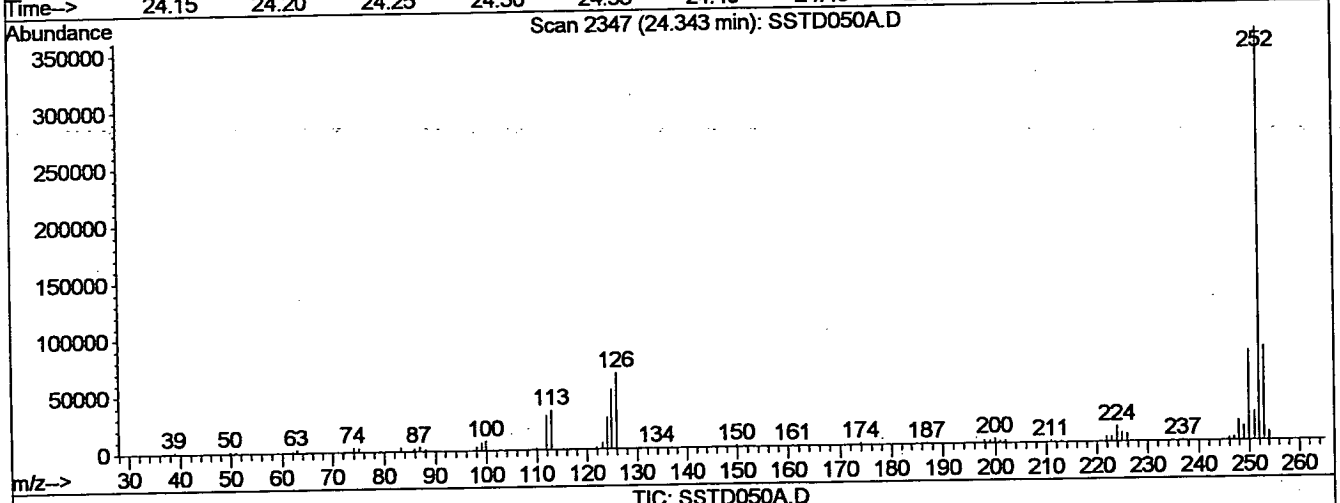
Quantitation Report

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
MS Integration Params: RTE2107P

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

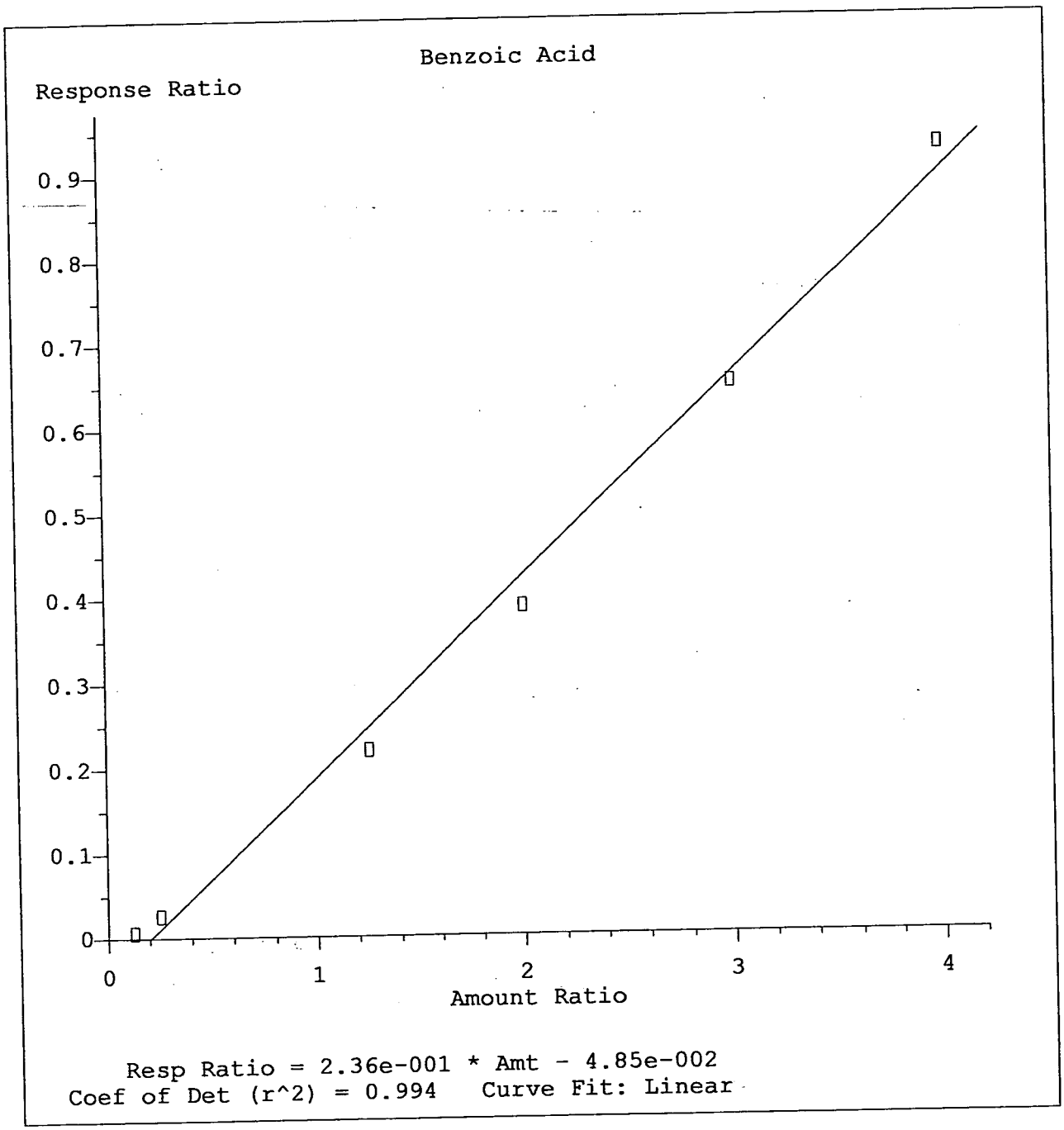
(83) Benzo[b]fluoranthene (T)

24.34min 47.47ppm

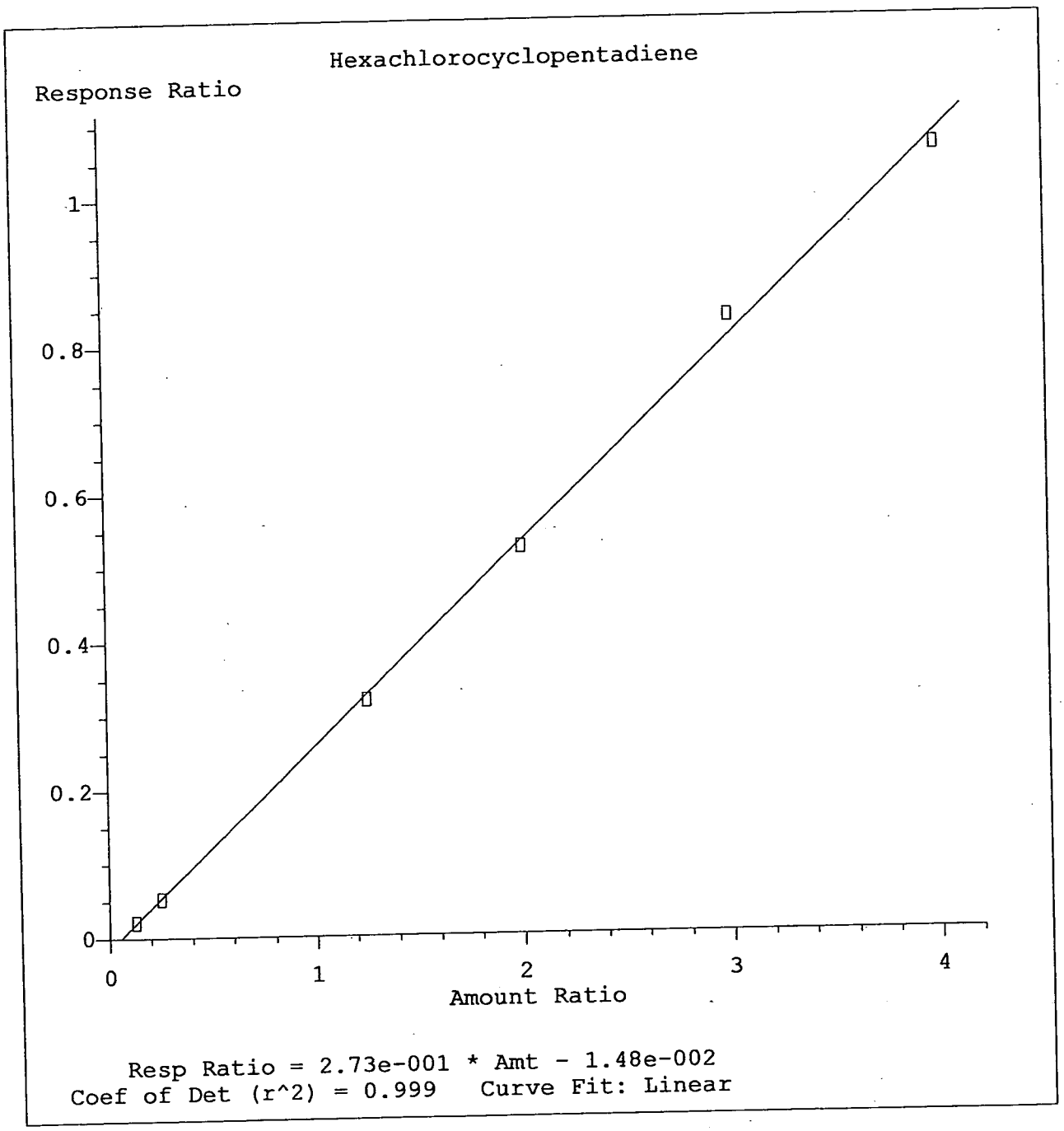
response 1217101

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

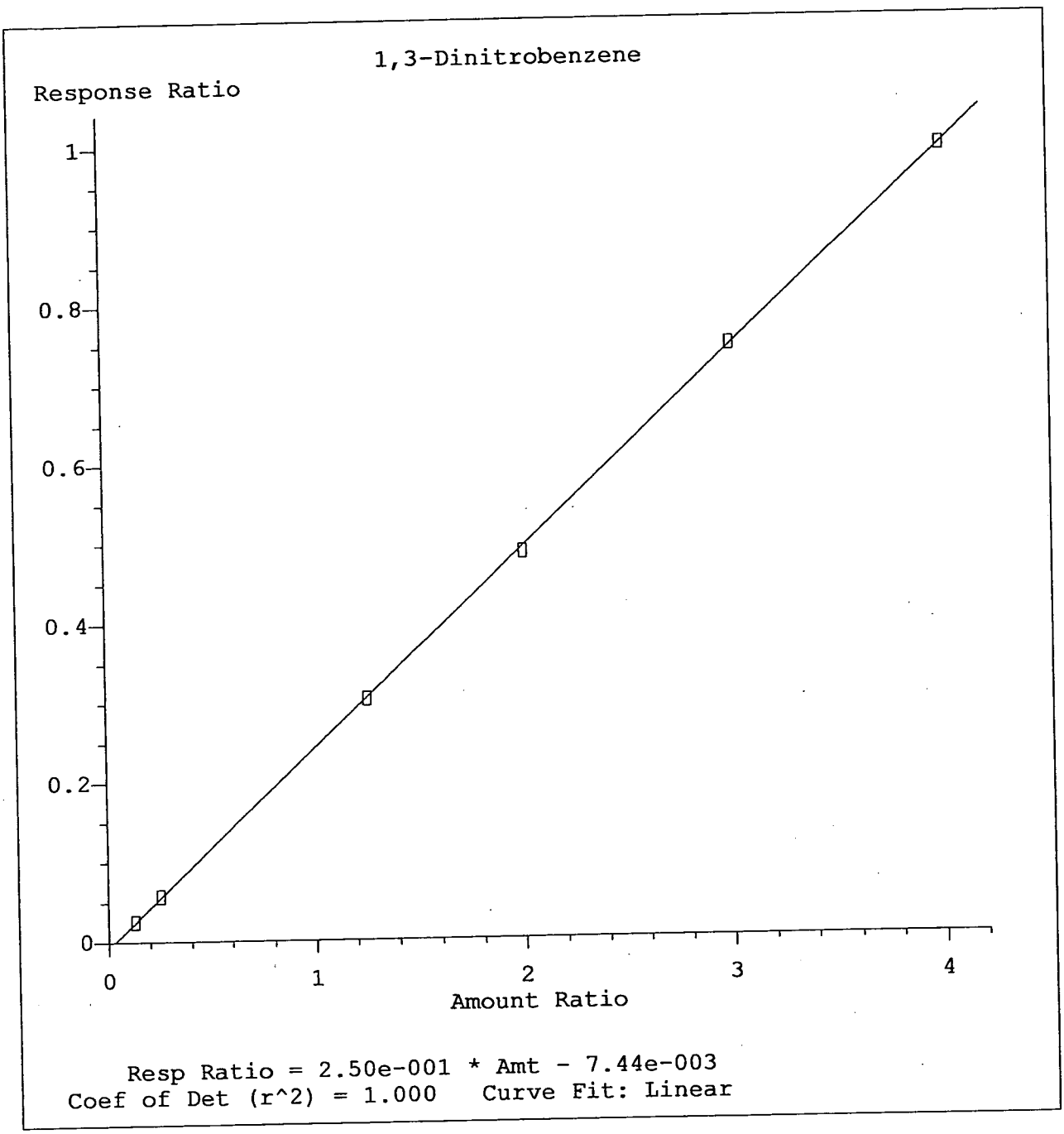
SSTD050A.D H7K07SV.M Wed Nov 07 15:17:53 2007



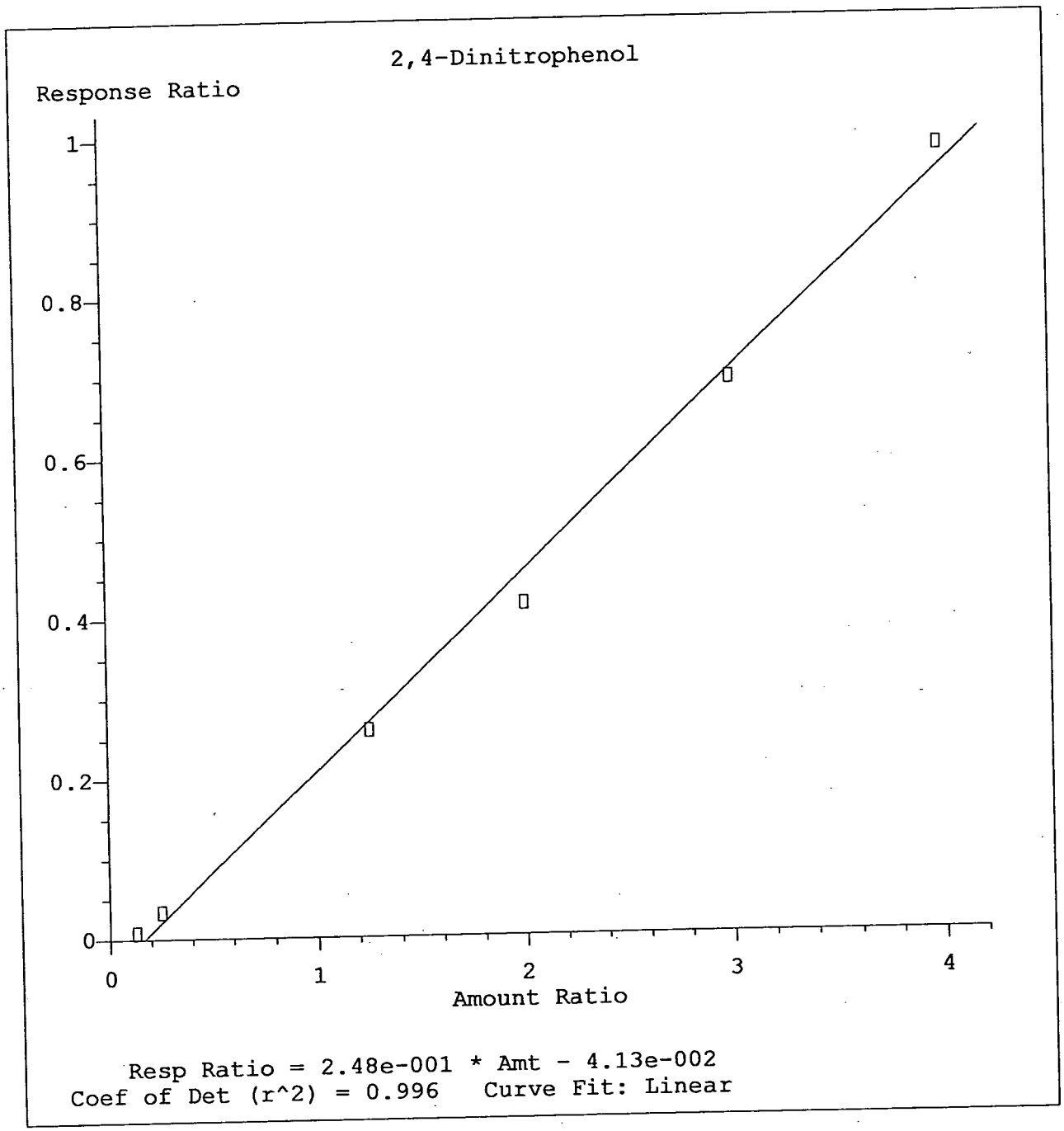
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



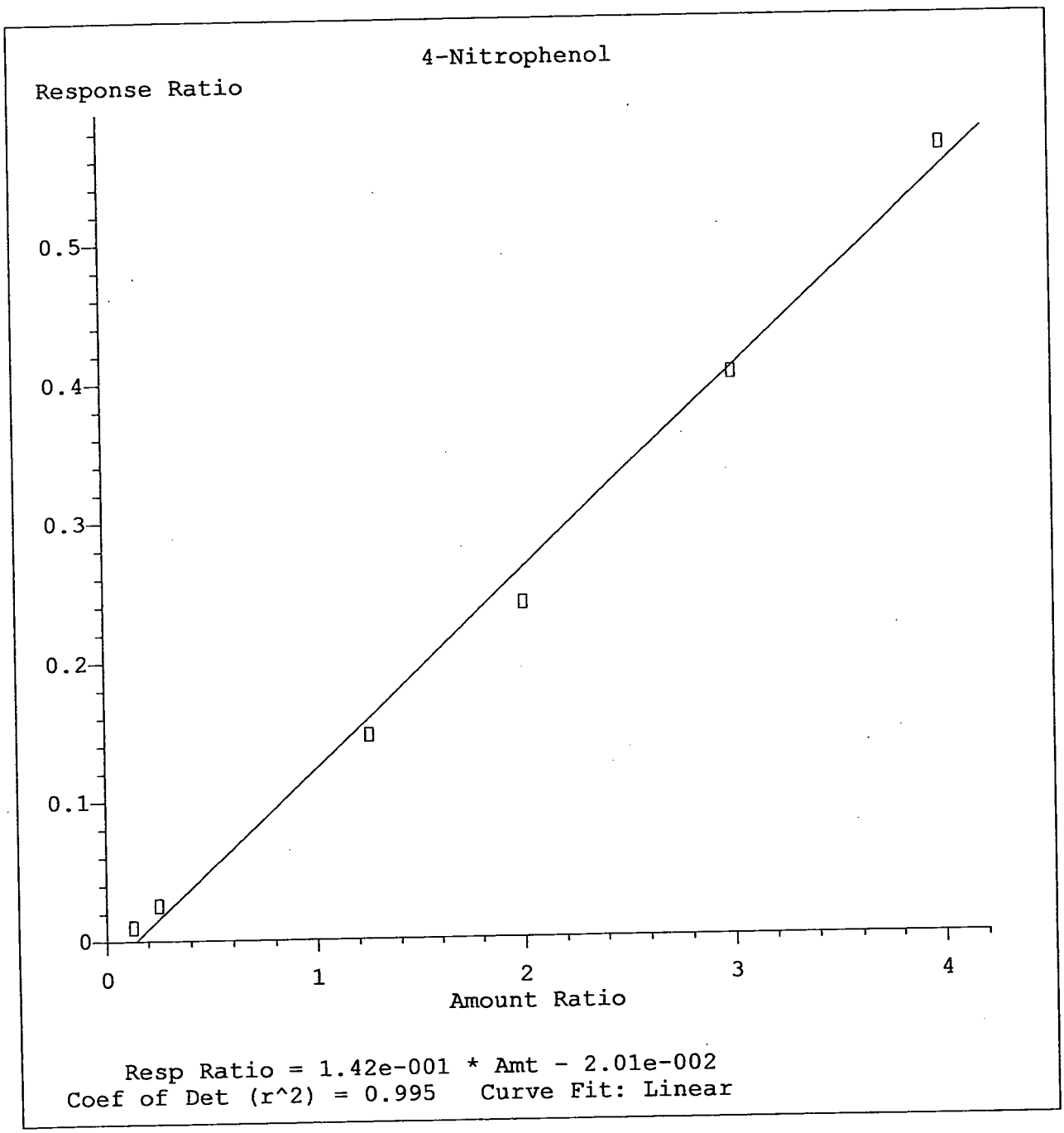
Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007



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

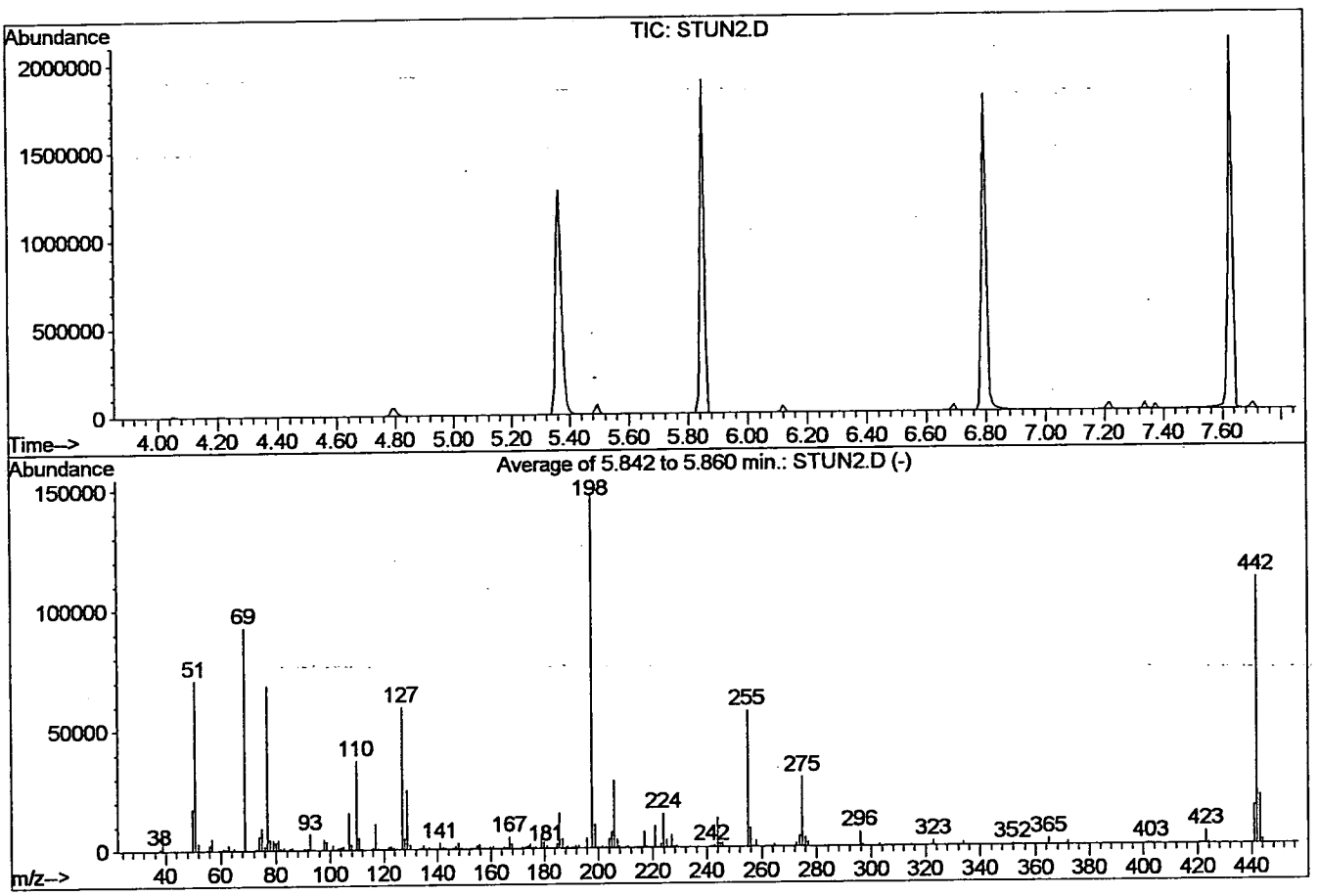


Method Name: C:\HPCHEM\1\METHODS\H7K07SV.M
Calibration Table Last Updated: Wed Nov 07 17:42:36 2007

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

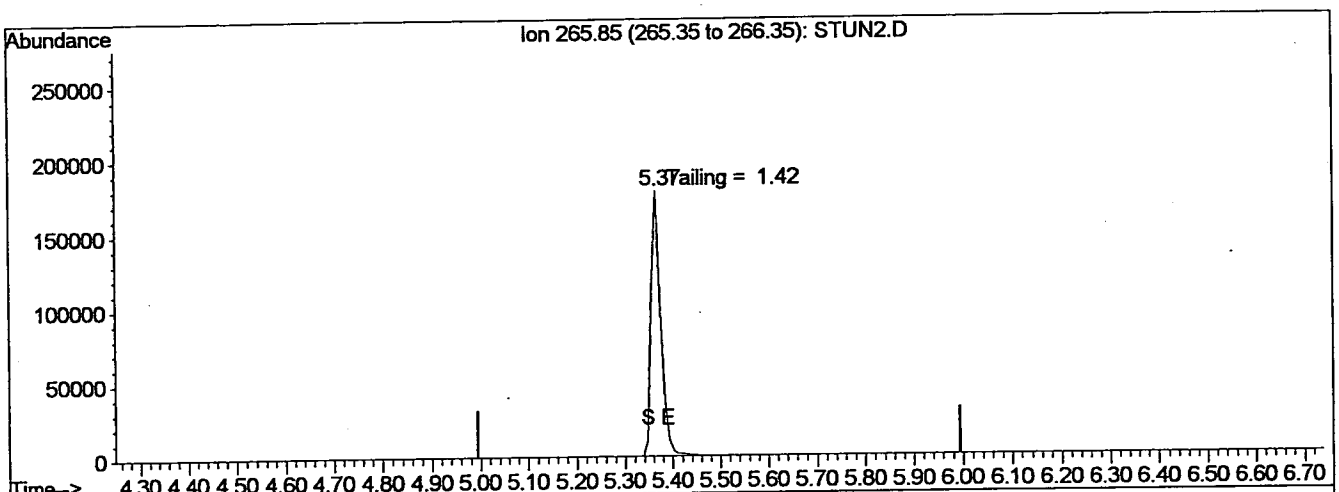
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
402.85	664						
403.80	234						
420.85	604						
421.95	573						
422.95	5596						
423.90	986						
440.95	16103						
441.95	110771						
442.95	20545						
443.95	1956						

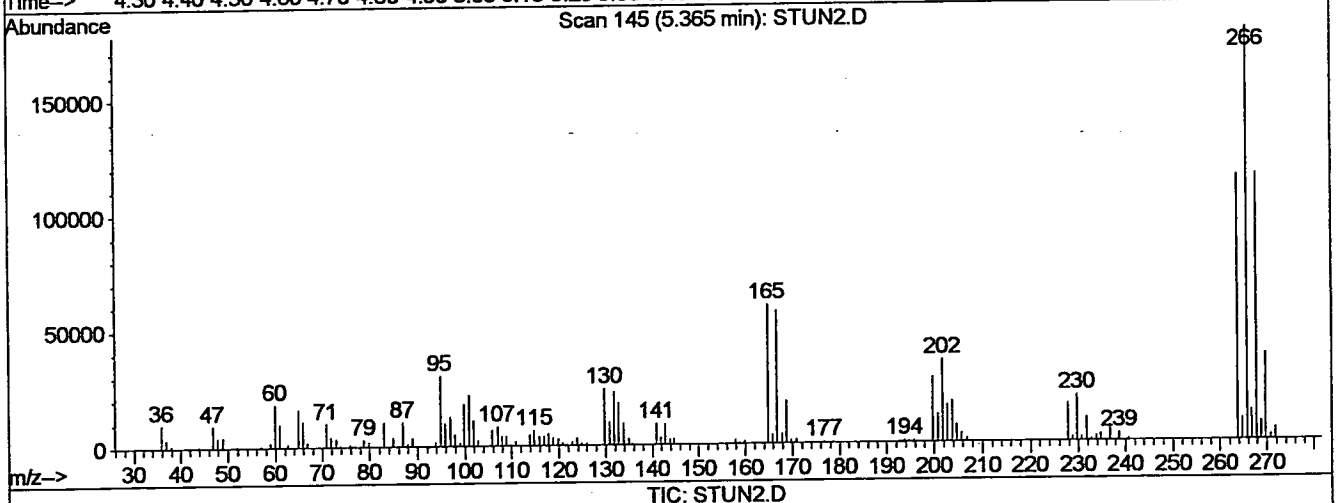
Quantitation Report

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

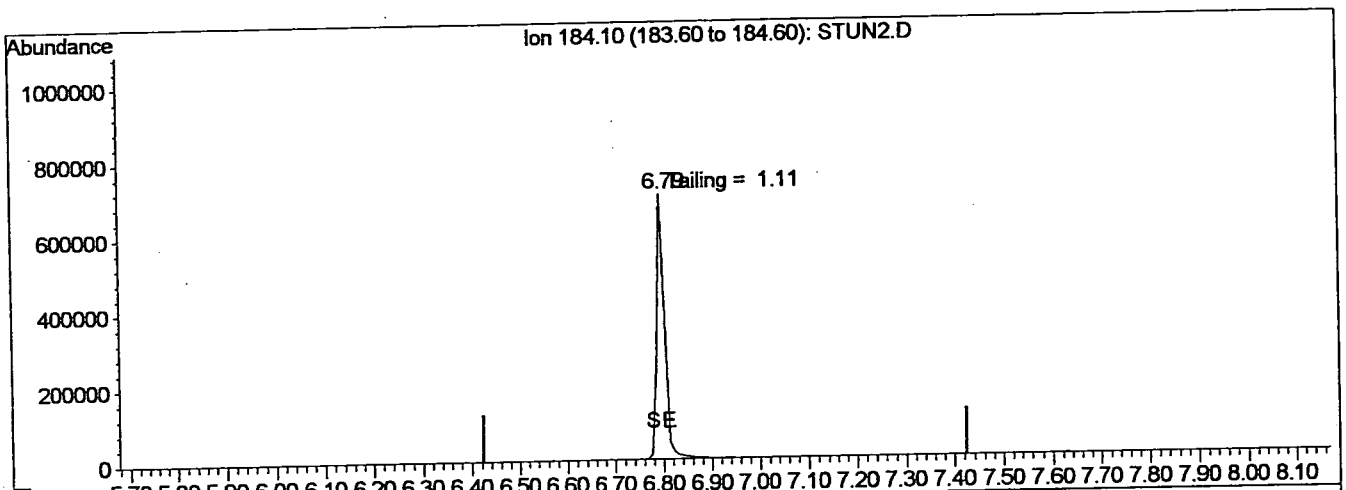
STUN2.D DFTPP.M Wed Nov 07 12:50:40 2007

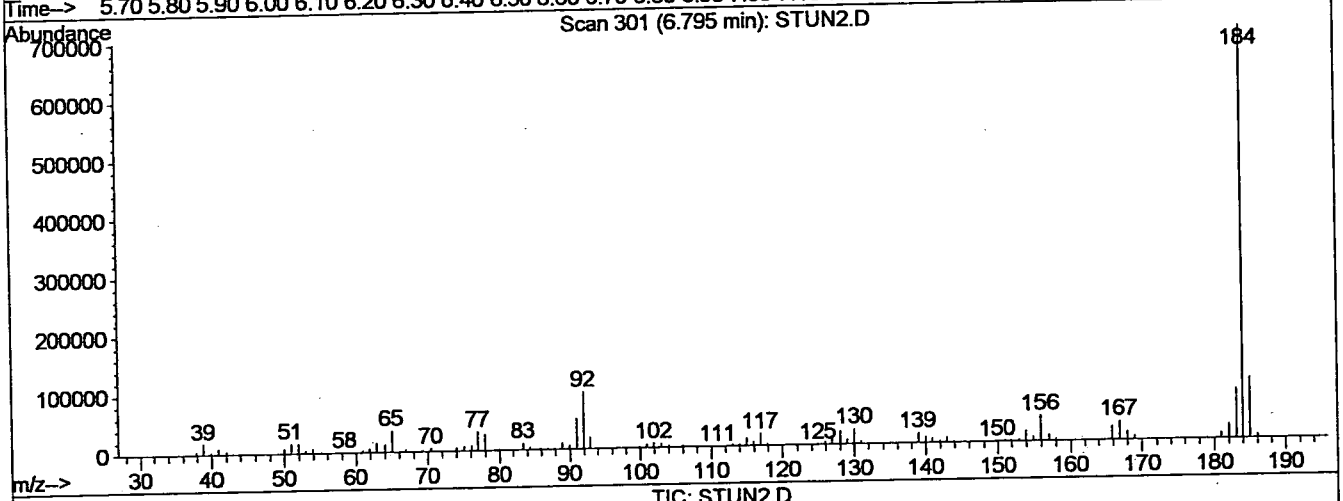
Quantitation Report

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

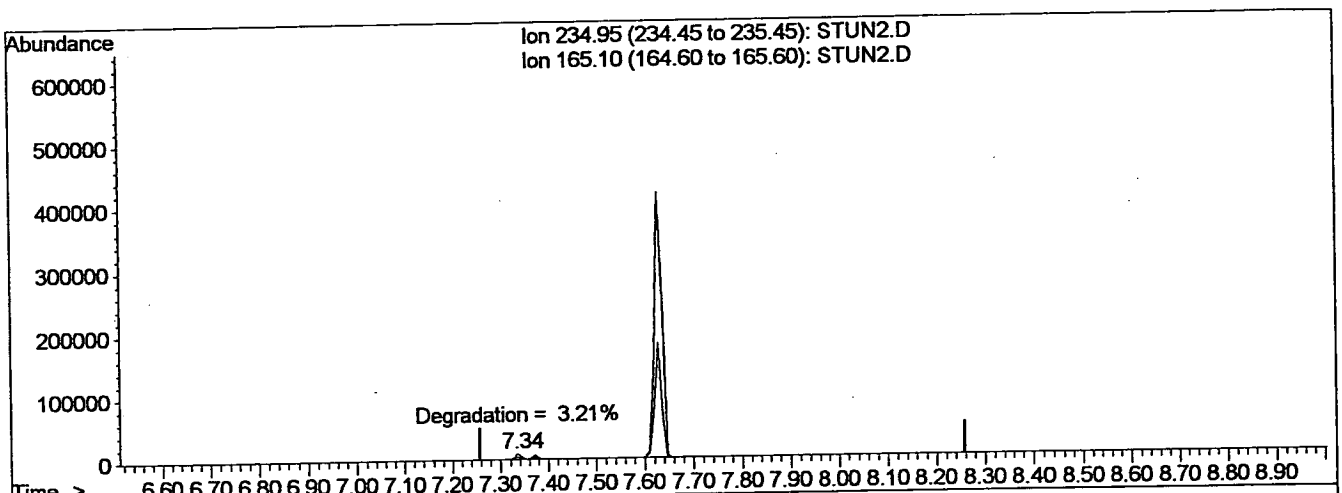
STUN2.D DFTPP.M Wed Nov 07 12:50:49 2007

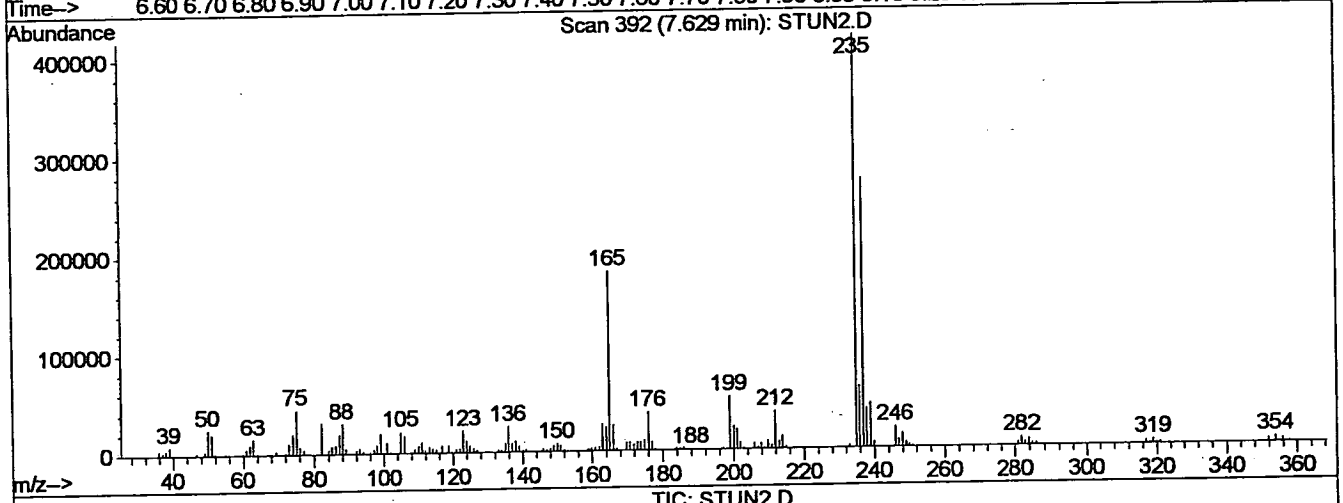
Quantitation Report

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: RTE2007P

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

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





TIC: STUN2.D

(4) DDT

7.63min 64.10ug/ml

response 451747

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	450645	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1410180	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	716631	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1023639	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	762123	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	729242	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	845505	46.42	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 46.42%			
7) Phenol-d6 (SU)	6.93	99	1100281	47.45	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.45%			
21) Nitrobenzene-d5 (SU)	8.68	82	856568	51.12	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.24%			
40) 2-Fluorobiphenyl (SU)	12.86	172	1196691	48.76	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.52%			
62) 2,4,6-Tribromophenol (SU)	16.23	330	190276	58.68	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 58.68%			
74) Terphenyl-d14 (SU)	20.83	244	999791	49.15	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 98.30%			
Target Compounds						Qvalue
3) Pyridine	2.94	79	1218271	47.08	ppm	100
4) n-Nitrosodimethylamine	3.02	74	826066	46.61	ppm	100
5) bis(2-Chloroethyl)ether	7.01	93	981495	46.07	ppm	100
6) Aniline	6.84	93	1421758	48.36	ppm	100
8) Phenol	6.96	94	1172213	48.21	ppm	100
9) 2-Chlorophenol	7.05	128	793762	47.49	ppm	100
10) n-Decane	7.17	57	1464419	47.66	ppm	100
11) 1,3-Dichlorobenzene	7.29	146	768085	47.42	ppm	100
12) 1,4-Dichlorobenzene	7.41	146	954195	50.67	ppm	100
13) 1,2-Dichlorobenzene	7.80	146	818810	49.41	ppm	100
14) Benzyl alcohol	7.84	108	512613	49.12	ppm	100
15) bis(2-chloroisopropyl)ethe	8.17	45	2208967	47.36	ppm	100
16) 2-Methylphenol	8.20	107	611003	48.38	ppm	100
17) Hexachloroethane	8.44	117	339305	49.05	ppm	100
18) N-Nitroso-di-n-propylamine	8.52	70	690292	47.69	ppm	100
19) 4-Methylphenol	8.55	107	840962	49.15	ppm	100
22) Nitrobenzene	8.73	77	876539	50.92	ppm	100
23) Isophorone	9.30	82	1630660	49.65	ppm	100
24) 2-Nitrophenol	9.44	139	455010	52.62	ppm	100

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

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

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

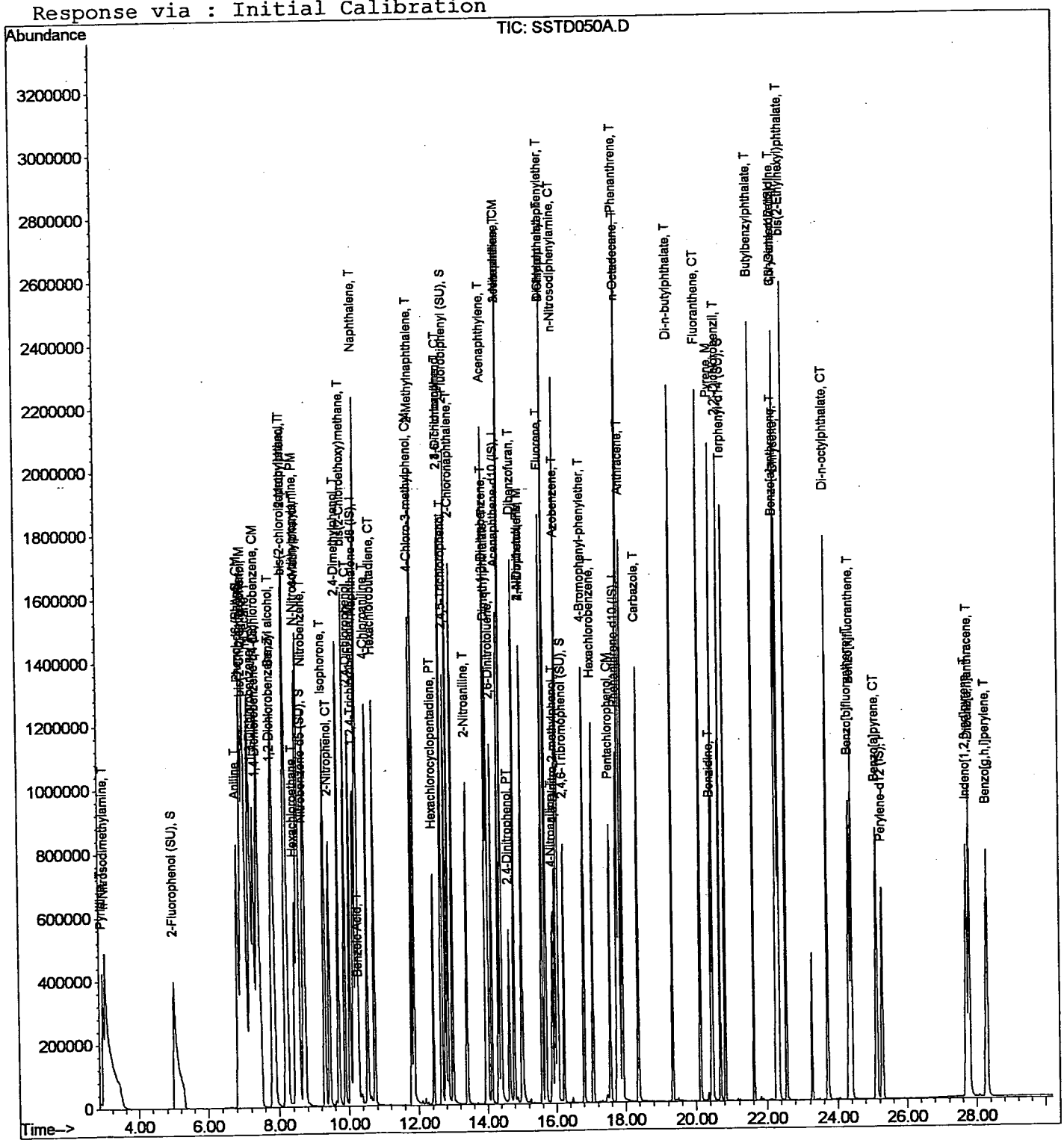
Quantitation Report

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

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

Quant Results File: H7K07SV.RES

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



Quantitation Report (Not Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	450645	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1410180	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	716631	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1023639	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	762123	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	729242	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	845505	46.42	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 46.42%			
7) Phenol-d6 (SU)	6.93	99	1100281	47.45	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 47.45%			
21) Nitrobenzene-d5 (SU)	8.68	82	856568	51.12	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.24%			
40) 2-Fluorobiphenyl (SU)	12.86	172	1196691	48.76	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.52%			
62) 2,4,6-Tribromophenol (SU)	16.23	330	190276	58.68	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 58.68%			
74) Terphenyl-d14 (SU)	20.83	244	999791	49.15	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 98.30%			
Target Compounds						Qvalue
3) Pyridine	2.94	79	1218271	47.08	ppm	100
4) n-Nitrosodimethylamine	3.02	74	826066	46.61	ppm	100
5) bis(2-Chloroethyl)ether	7.01	93	981495	46.07	ppm	100
6) Aniline	6.84	93	1421758	48.36	ppm	100
8) Phenol	6.96	94	1172213	48.21	ppm	100
9) 2-Chlorophenol	7.05	128	793762	47.49	ppm	100
10) n-Decane	7.17	57	1464419	47.66	ppm	100
11) 1,3-Dichlorobenzene	7.29	146	768085	47.42	ppm	100
12) 1,4-Dichlorobenzene	7.41	146	954195	50.67	ppm	100
13) 1,2-Dichlorobenzene	7.80	146	818810	49.41	ppm	100
14) Benzyl alcohol	7.84	108	512613	49.12	ppm	100
15) bis(2-chloroisopropyl)ethe	8.17	45	2208967	47.36	ppm	100
16) 2-Methylphenol	8.20	107	611003	48.38	ppm	100
17) Hexachloroethane	8.44	117	339305	49.05	ppm	100
18) N-Nitroso-di-n-propylamine	8.52	70	690292	47.69	ppm	100
19) 4-Methylphenol	8.55	107	840962	49.15	ppm	100
22) Nitrobenzene	8.73	77	876539	50.92	ppm	100
23) Isophorone	9.30	82	1630660	49.65	ppm	100
24) 2-Nitrophenol	9.44	139	455010	52.62	ppm	100

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: H7K07SV.RES

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

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

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

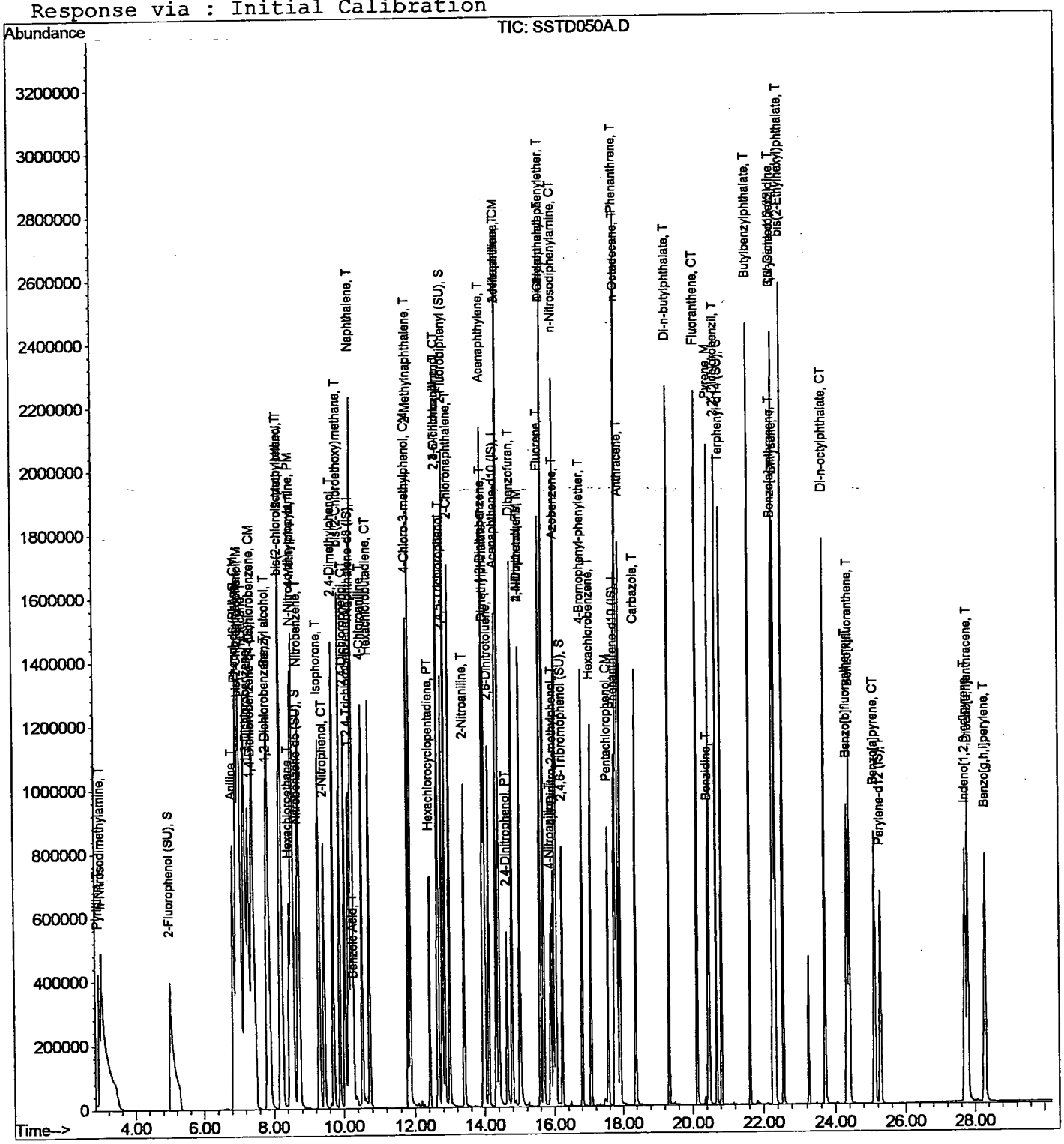
Quantitation Report

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

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

Quant Results File: H7K07SV.RES

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : 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

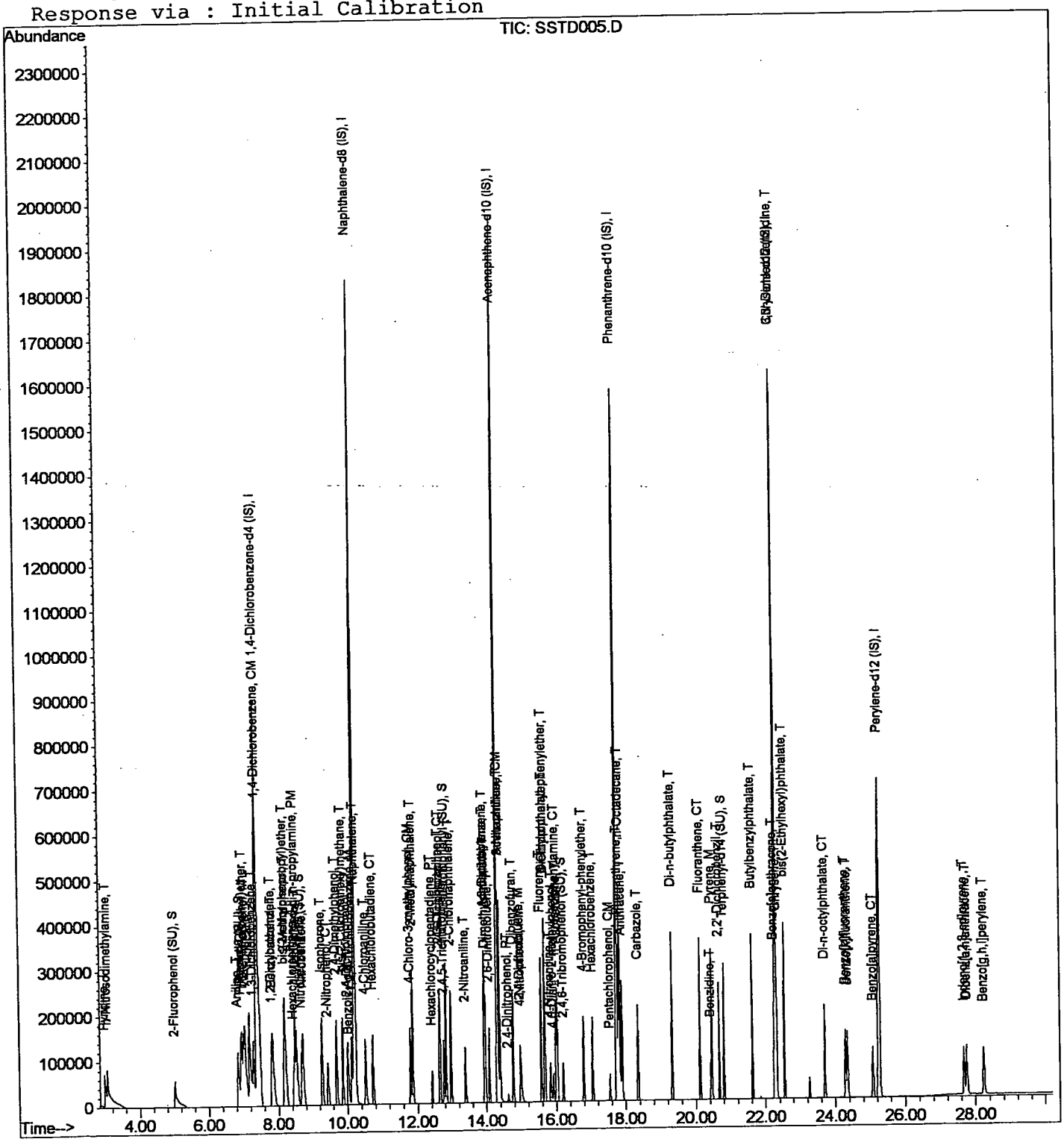
Quantitation Report

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

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Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D                Vial: 3
Acq On    :  7 Nov 2007   1:31 pm                      Operator: AMI/DF
Sample    : 5ppm BNA STD# 7100428                      Inst     : GCMS8
Misc      : 8270/625 ICAL                              Multiplr: 1.00
MSaintEgmetiNovPa7ams:0ETE9N07P                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
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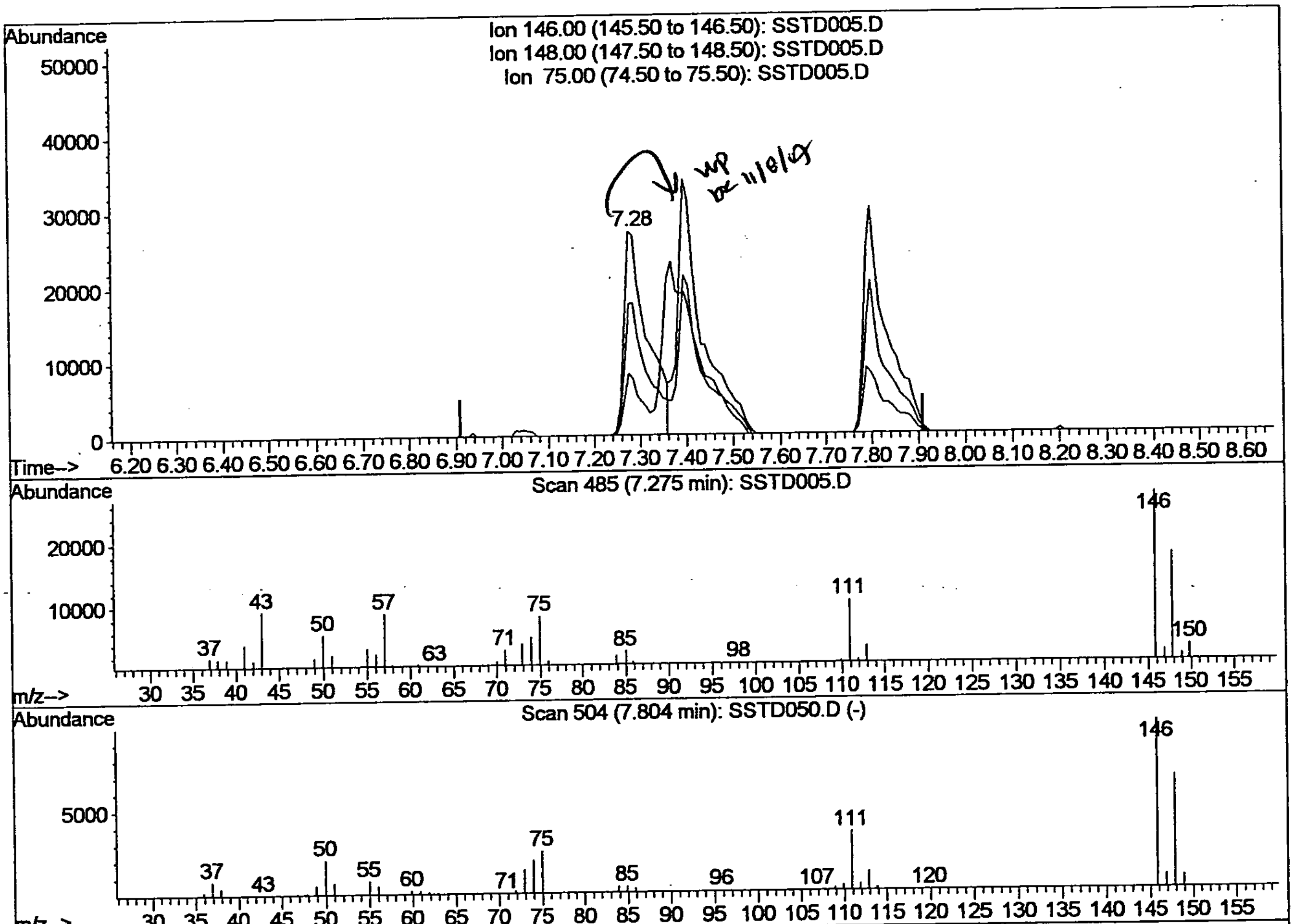


TIC: SSTD005.D

(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

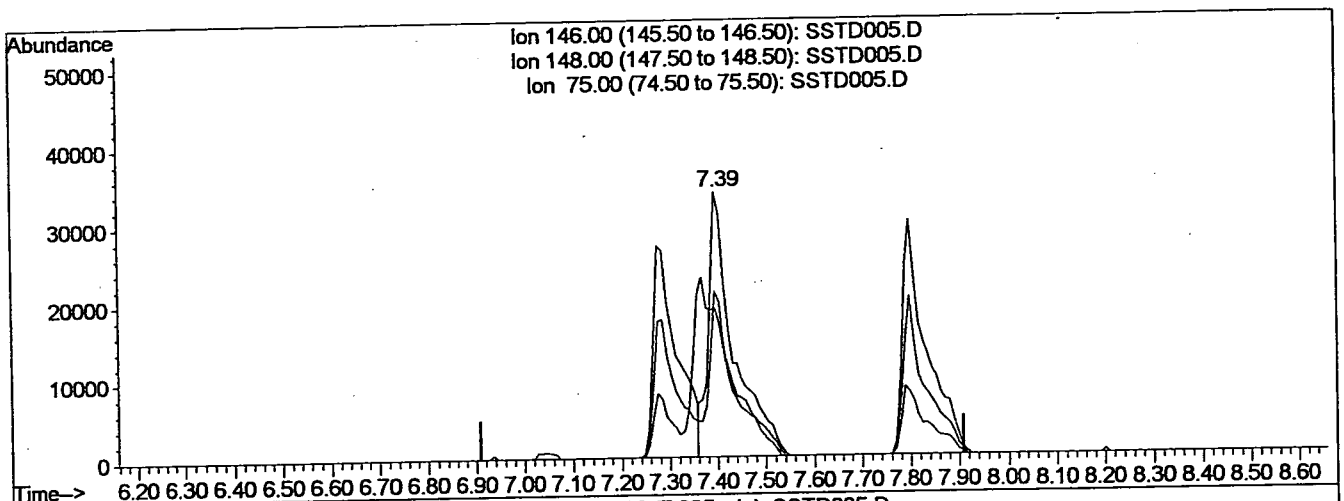
SSTD005.D H7K07SV.M Wed Nov 07 15:16:07 2007

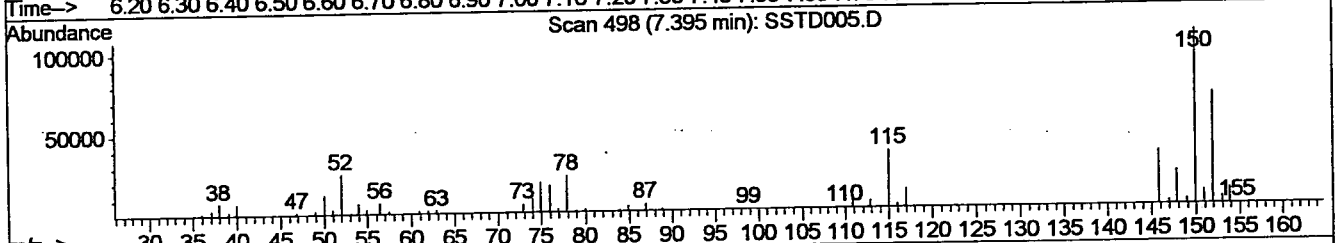
Quantitation Report

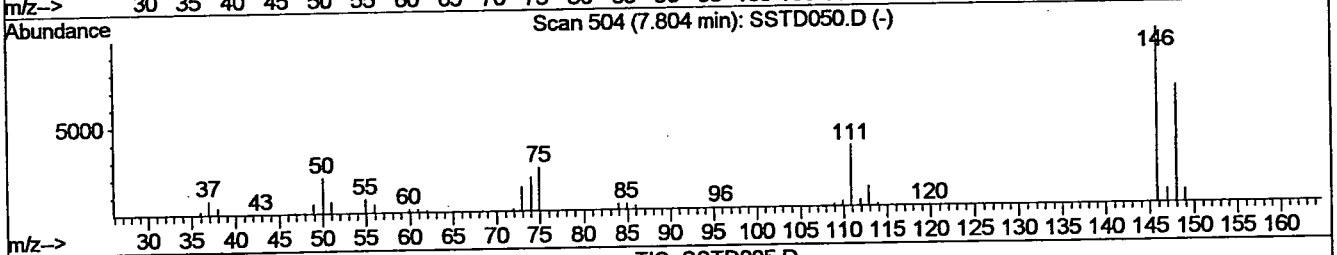
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
[illegible]

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

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







TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

7.39min 5.29ppm m

response 123388

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

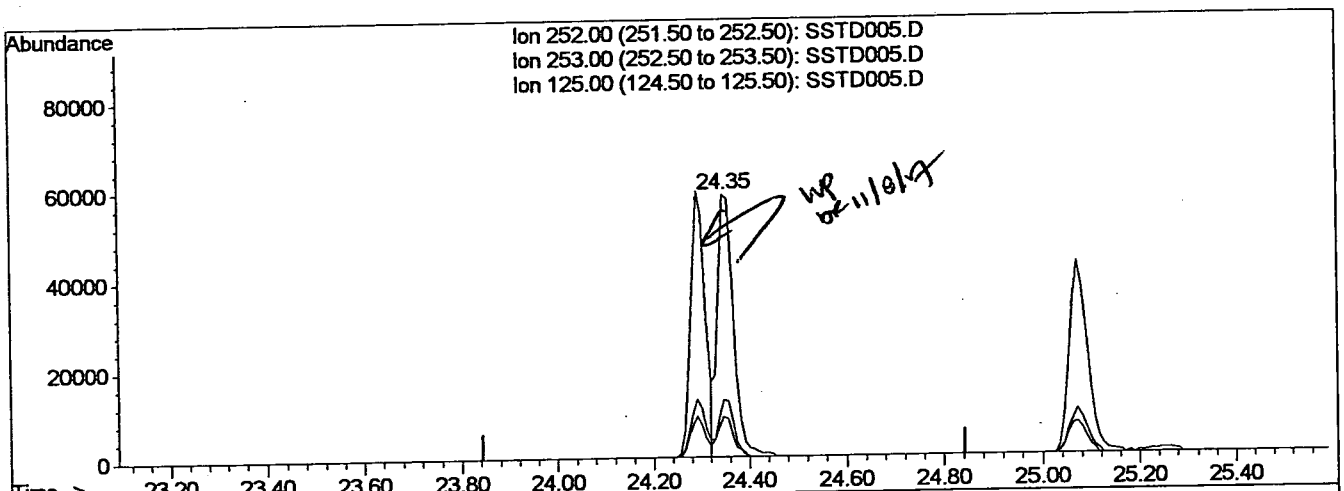
SSTD005.D H7K07SV.M Wed Nov 07 15:16:12 2007

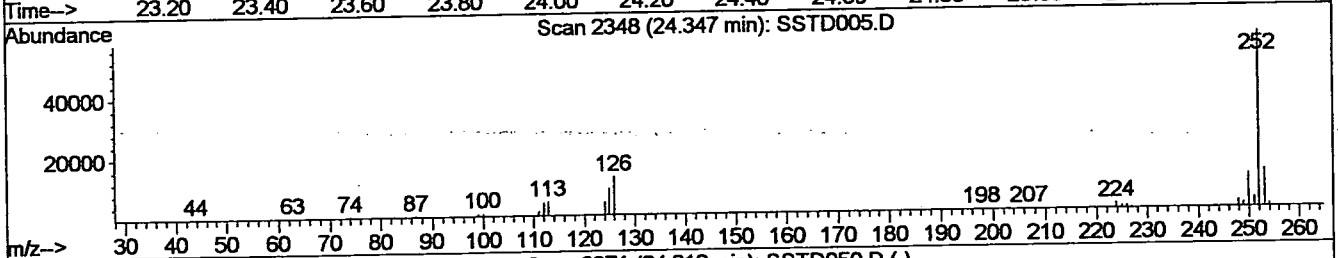
Quantitation Report

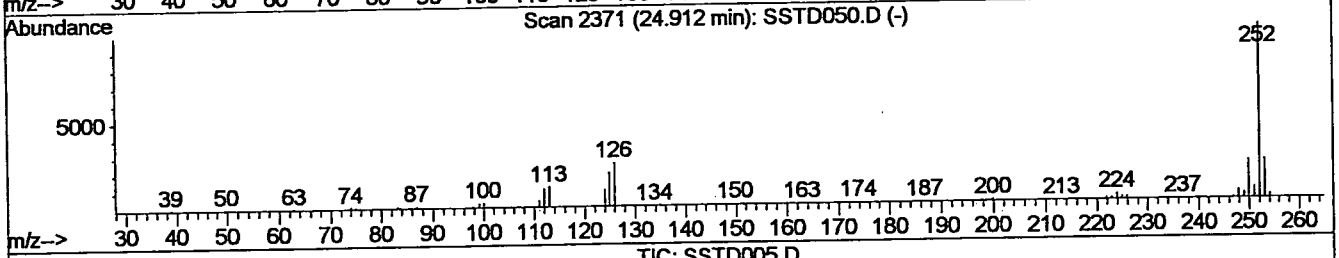
Data File : C:\GCMS8\DATA\07NOV07\SSTD005.D
Acq On : 7 Nov 2007 1:31 pm
Sample : 5ppm BNA STD# 7100428
Misc : 8270/625 ICAL
[illegible]

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

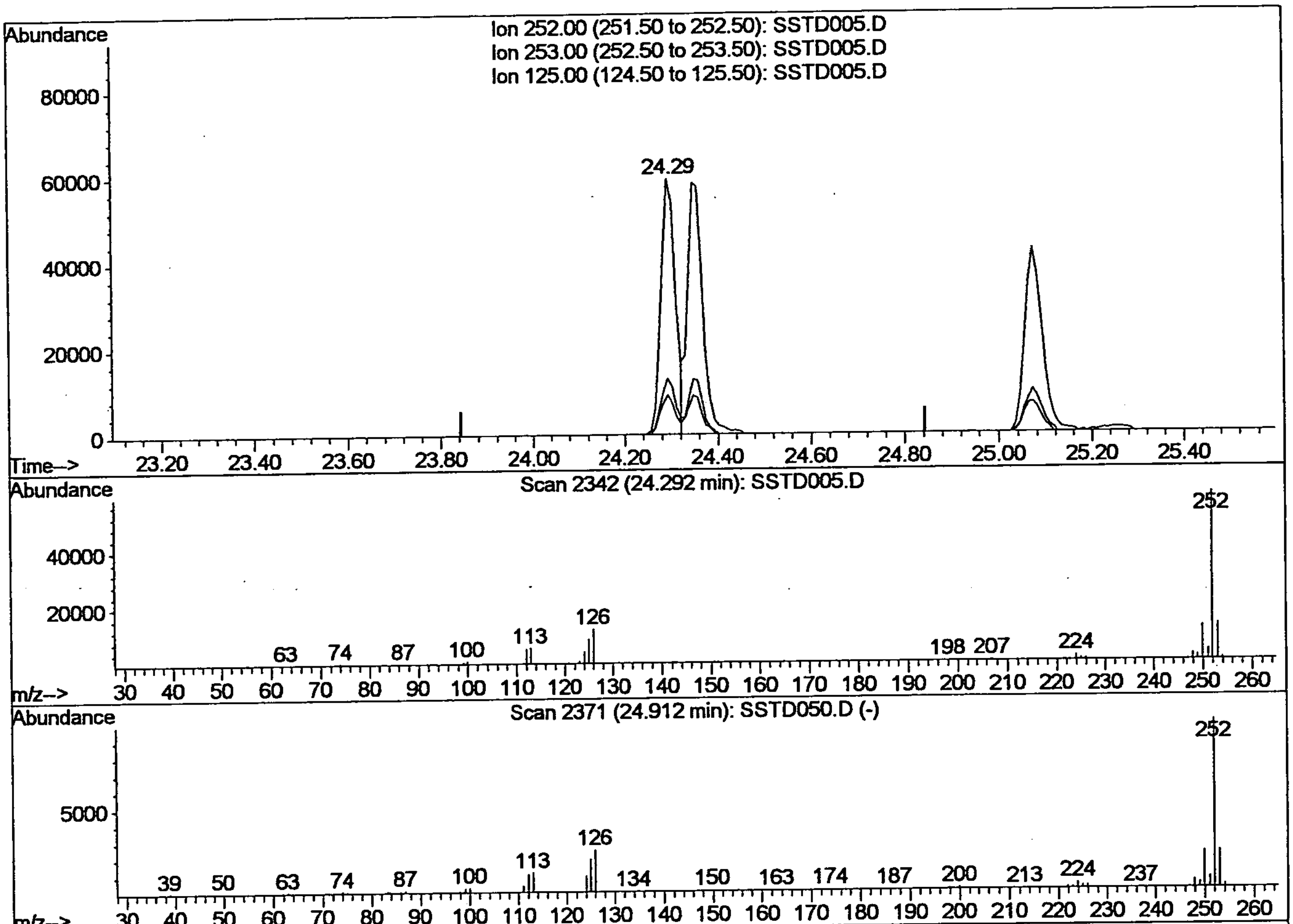
SSTD005.D H7K07SV.M Wed Nov 07 15:16:50 2007

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
MSaIntegmatiNovPa7am5:1RTEINT7P

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)

24.29min 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

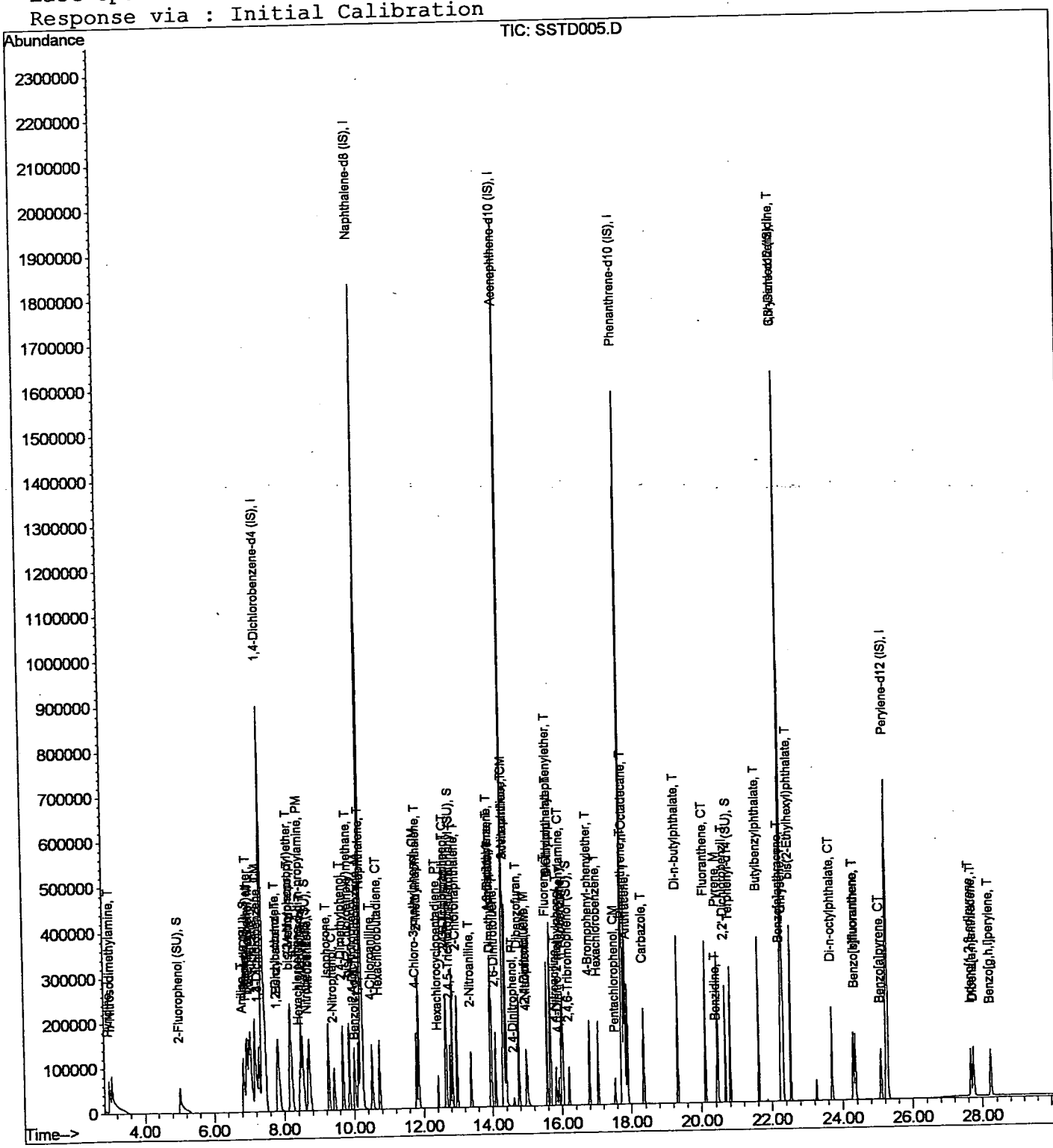
Quantitation Report

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

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
SSTD010.D H7K07SV.M Wed Nov 07 15:19:30 2007 Page 3

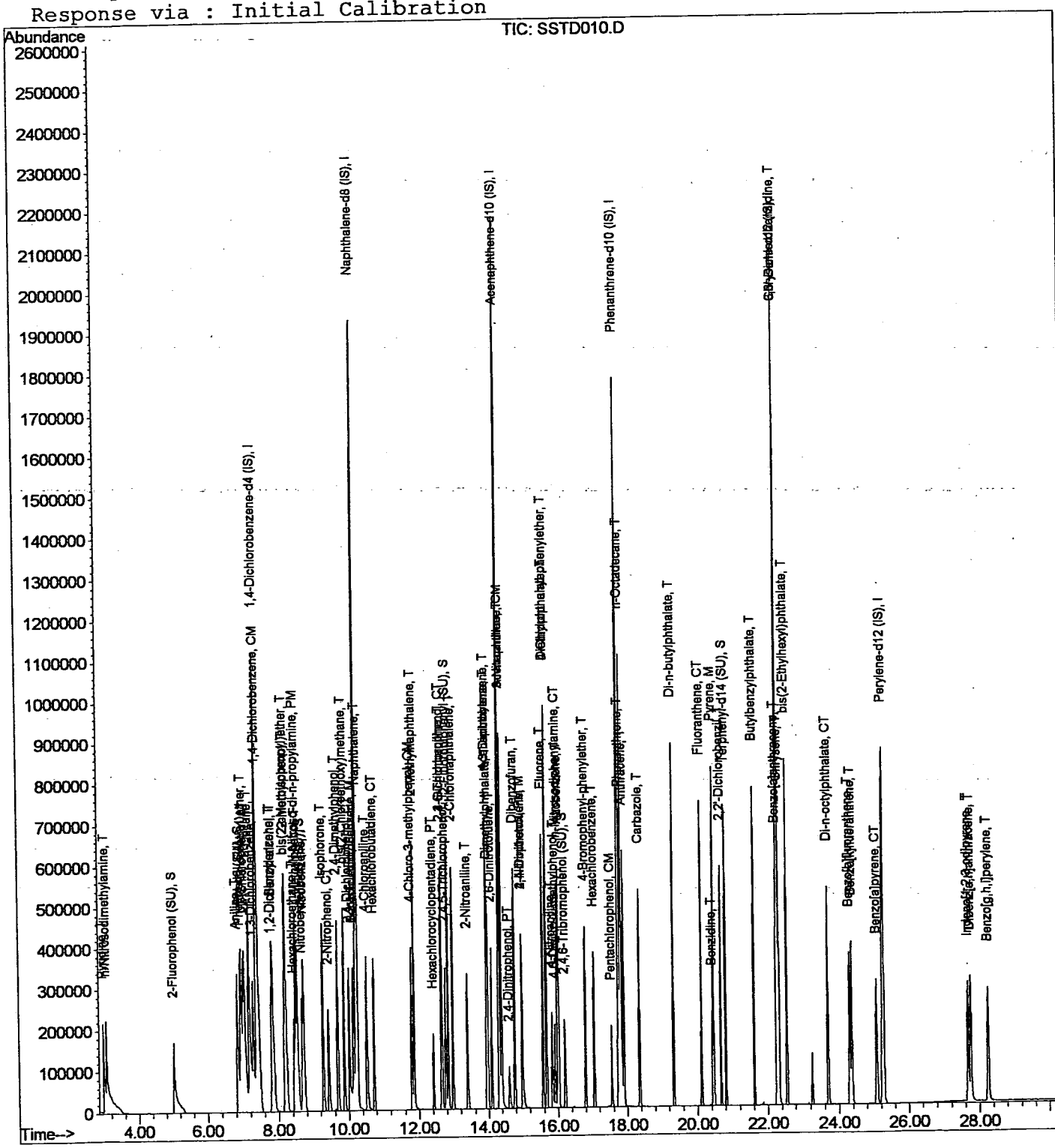
Quantitation Report

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 15:19 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

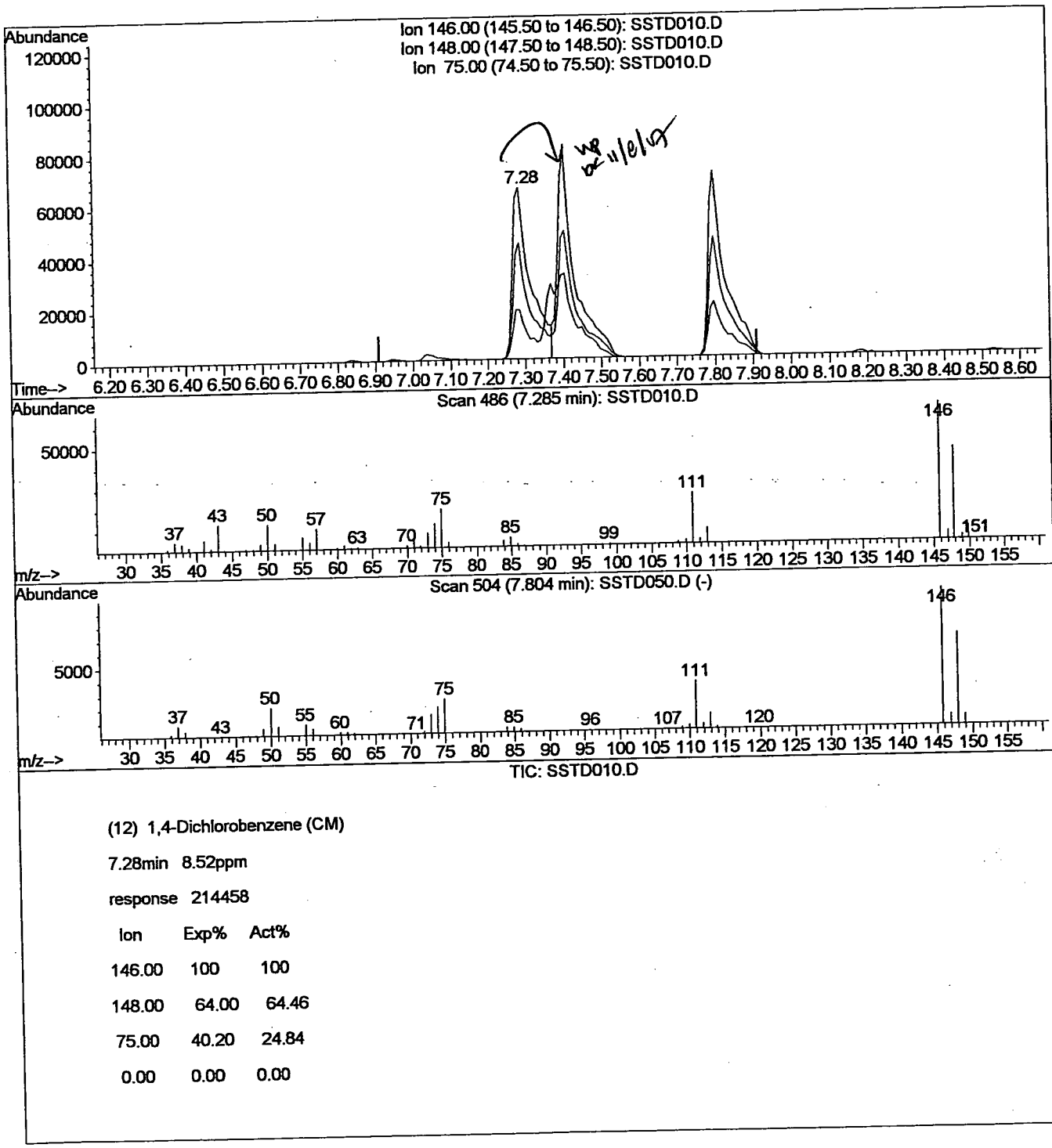


Quantitation Report

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
Quant Time: Nov 7 15:07 2007 Quant Results File: temp.res

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

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



(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

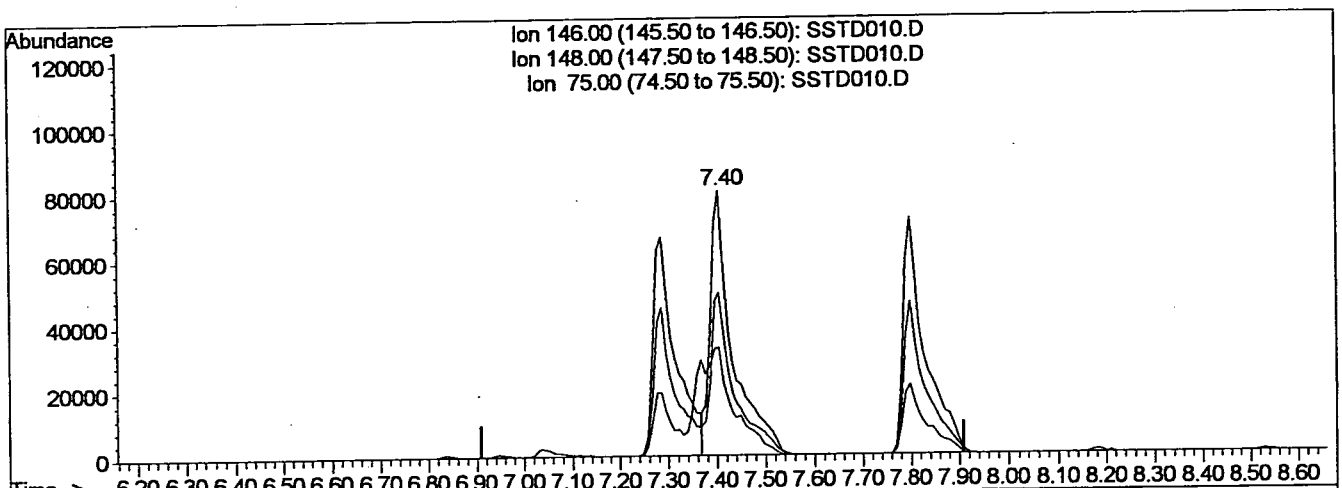
SSTD010.D H7K07SV.M Wed Nov 07 15:18:20 2007

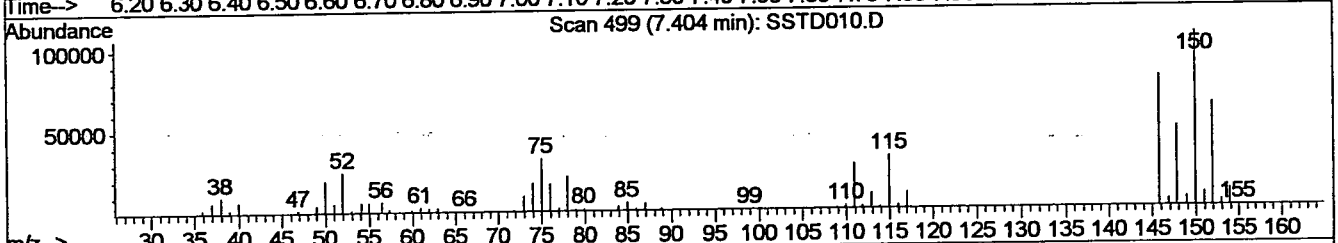
Quantitation Report

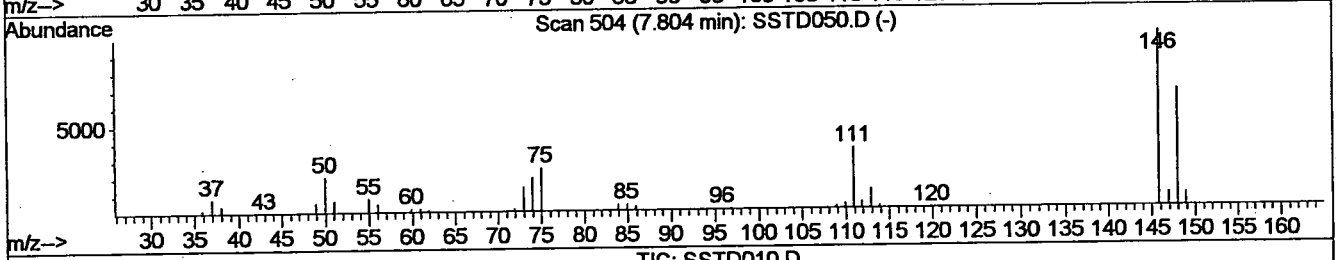
Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTE2107.P

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







TIC: SSTD010.D

(12) 1,4-Dichlorobenzene (CM)

7.40min 10.11ppm m

response 254332

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	54.35
75.00	40.20	20.95
0.00	0.00	0.00

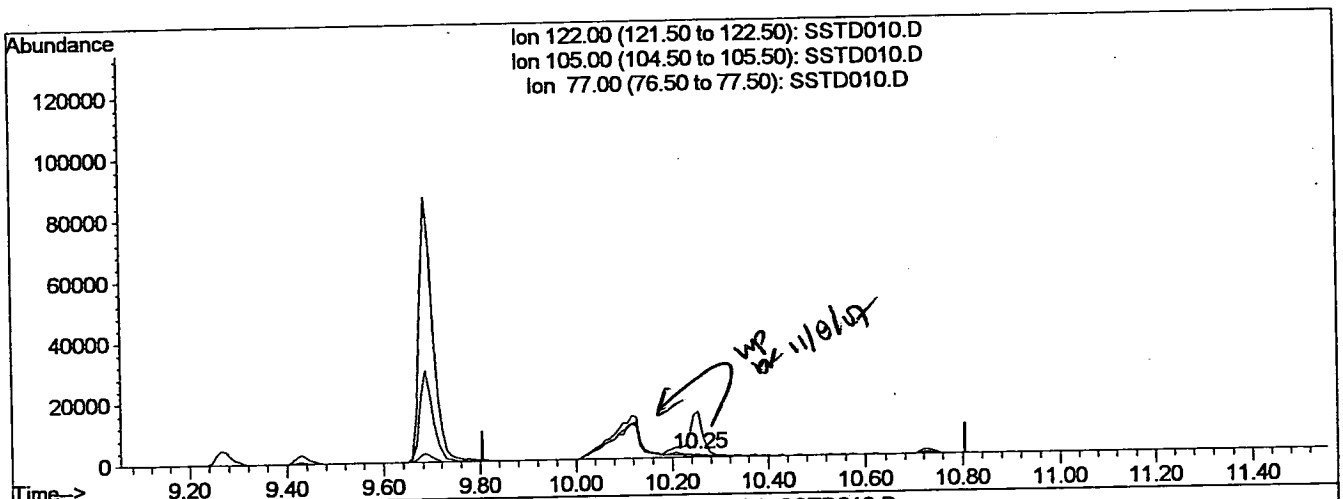
SSTD010.D H7K07SV.M Wed Nov 07 15:18:24 2007

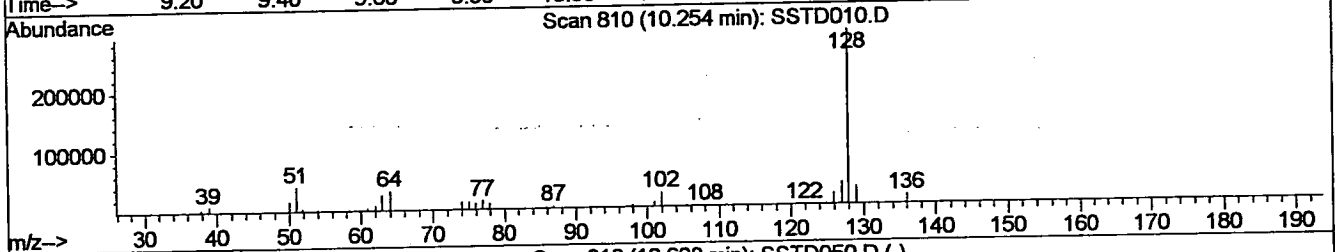
Quantitation Report

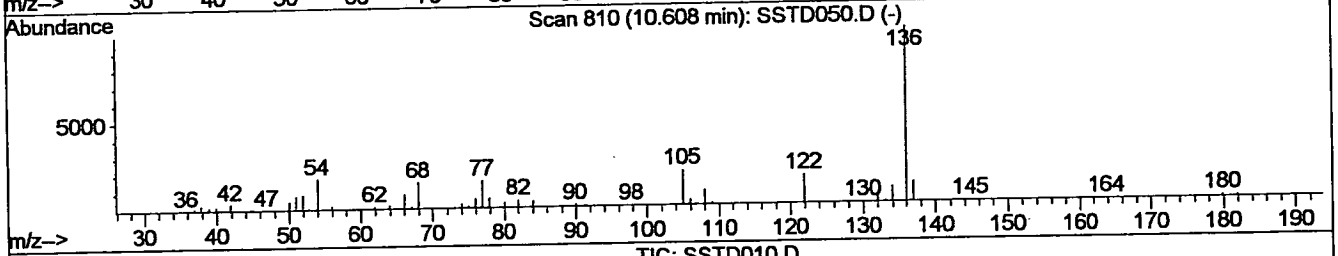
Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTE2N07P

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







TIC: SSTD010.D

(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

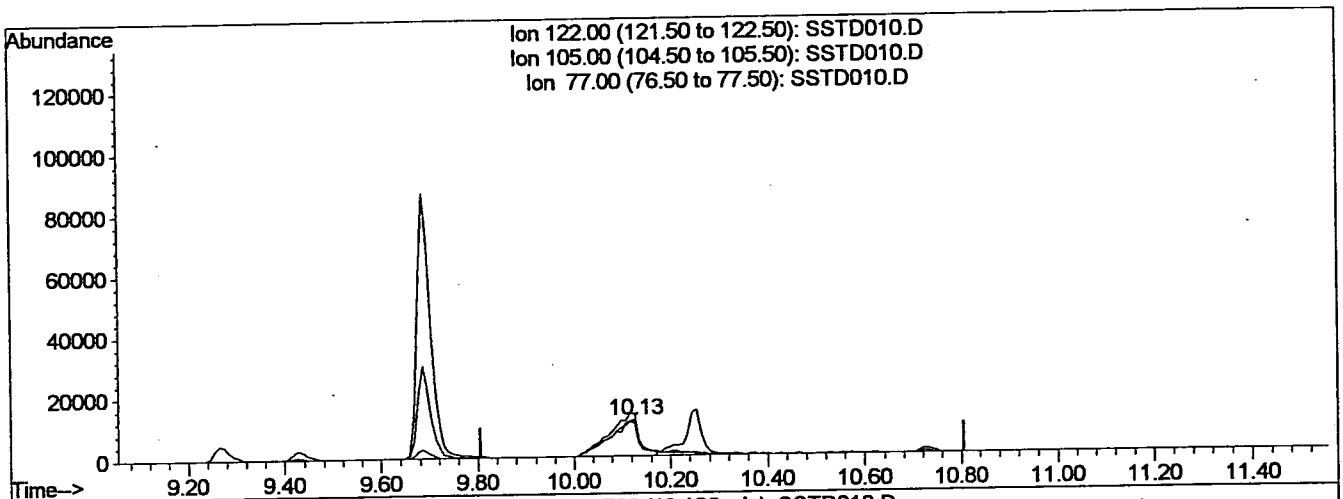
SSTD010.D H7K07SV.M Wed Nov 07 15:18:34 2007

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
[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



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

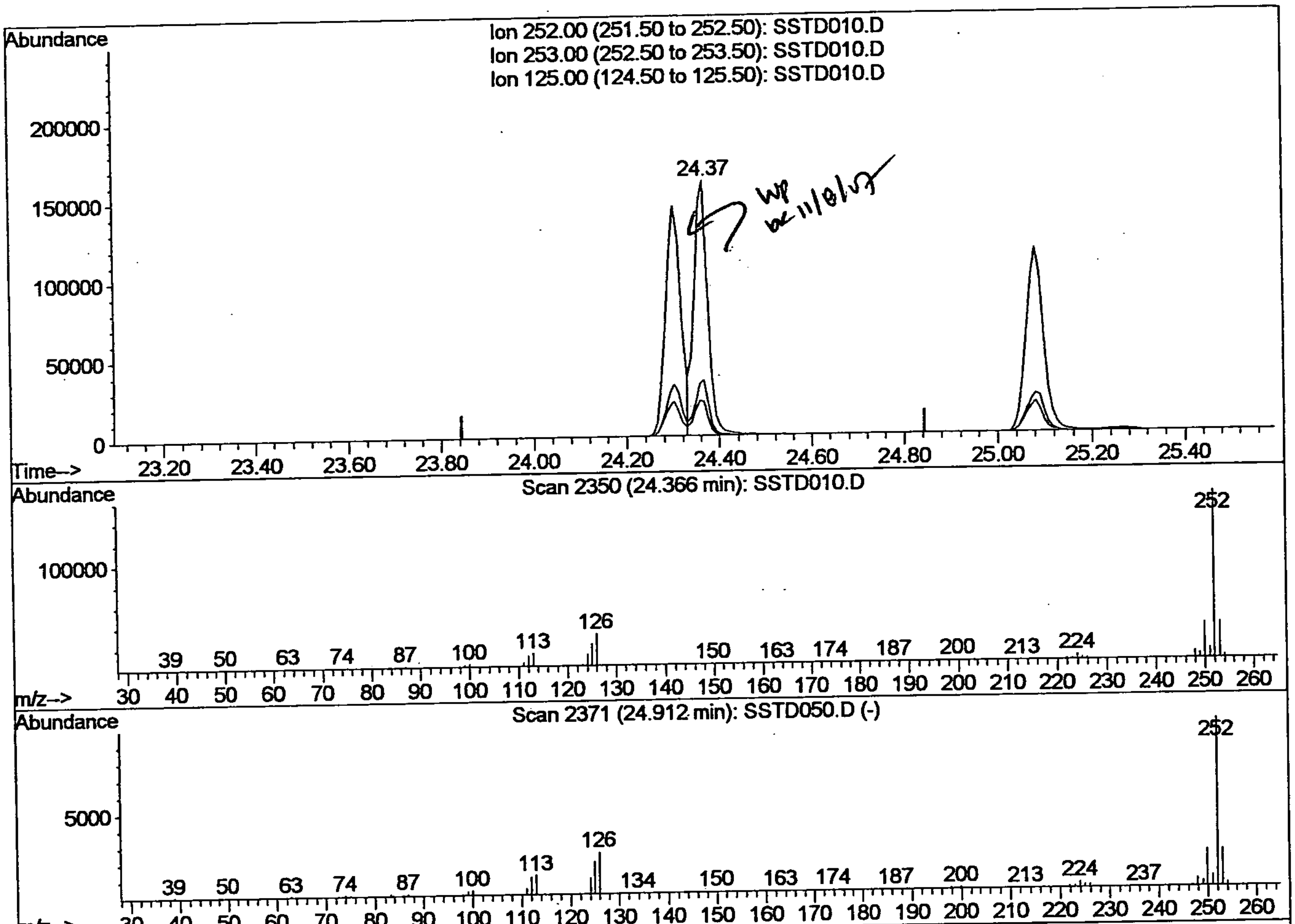
SSTD010.D H7K07SV.M Wed Nov 07 15:18:38 2007

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
MS Integration Params: RTEINT.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



TIC: SSTD010.D

(83) Benzo[b]fluoranthene (T)

24.37min 9.78ppm

response 341226

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.43
125.00	14.80	13.92
0.00	0.00	0.00

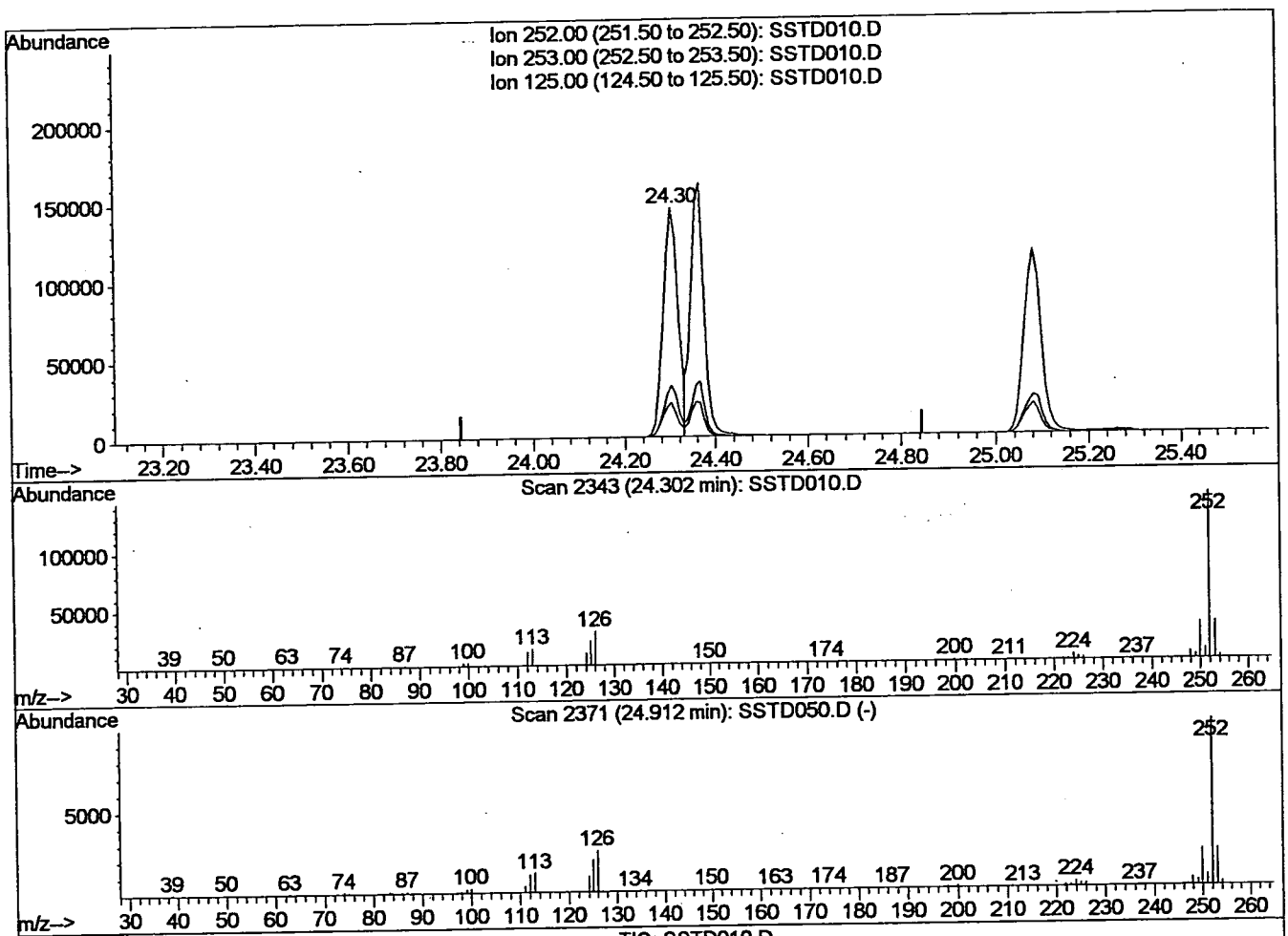
SSTD010.D H7K07SV.M Wed Nov 07 15:19:10 2007

Quantitation Report

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

24.30min 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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.37	152	602099	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.22	136	1913527	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.33	164	1010694	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.76	188	1407078	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	1093936	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.28	264	992229	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	211648	8.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 8.70%#			
7) Phenol-d6 (SU)	6.92	99	291475	9.41	ppm	-0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 9.41%#			
21) Nitrobenzene-d5 (SU)	8.67	82	232673	10.23	ppm	-0.01
Spiked Amount 50.000	Range 40 - 120		Recovery = 20.46%#			
40) 2-Fluorobiphenyl (SU)	12.84	172	364080	10.52	ppm	-0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 21.04%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	49454	11.32	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 11.32%#			
74) Terphenyl-d14 (SU)	20.81	244	293988	10.07	ppm	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 20.14%#			
Target Compounds						Qvalue
3) Pyridine	2.97	79	312874	9.05	ppm	# 68
4) n-Nitrosodimethylamine	3.05	74	216898	9.16	ppm	# 88
5) bis(2-Chloroethyl)ether	7.00	93	267898	9.41	ppm	94
6) Aniline	6.84	93	376549	9.59	ppm	100
8) Phenol	6.95	94	313114	9.64	ppm	97
9) 2-Chlorophenol	7.04	128	208439	9.33	ppm	98
10) n-Decane	7.17	57	391906	9.55	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	214458	9.91	ppm	97
12) 1,4-Dichlorobenzene	7.28	146	214458	8.52	ppm	90
13) 1,2-Dichlorobenzene	7.80	146	223283	10.08	ppm	99
14) Benzyl alcohol	7.83	108	135903	9.75	ppm	98
15) bis(2-chloroisopropyl)ethe	8.16	45	612369	9.83	ppm	100
16) 2-Methylphenol	8.18	107	166389	9.86	ppm	99
17) Hexachloroethane	8.44	117	89360	9.67	ppm	99
18) N-Nitroso-di-n-propylamine	8.49	70	189892	9.82	ppm	99
19) 4-Methylphenol	8.53	107	232277	10.16	ppm	100
22) Nitrobenzene	8.71	77	246420	10.55	ppm	98
23) Isophorone	9.26	82	443975	9.96	ppm	99
24) 2-Nitrophenol	9.43	139	116754	9.95	ppm	100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

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

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.69	122	170231	9.79 ppm		98
26) bis(2-Chloroethoxy)methane	9.87	93	279260	10.27 ppm		98
27) 2,4-Dichlorophenol	10.02	162	161357	11.03 ppm		100
28) 1,2,4-Trichlorobenzene	10.13	180	173001	10.99 ppm		100
29) Benzoic Acid	10.25	122	1483	7.91 ppm	#	1
30) Naphthalene	10.25	128	496753	10.49 ppm		99
31) 4-Chloroaniline	10.52	127	220195	10.70 ppm		100
32) Hexachlorobutadiene	10.73	225	87770	12.58 ppm		98
33) 4-Chloro-3-methylphenol	11.79	107	146770	10.33 ppm		97
34) 2-Methylnaphthalene	11.86	141	288627	10.81 ppm		96
35) 2,3-Dichloroaniline	12.65	161	177616	11.51 ppm		99
37) Hexachlorocyclopentadiene	12.43	237	52945	11.60 ppm		98
38) 2,4,6-Trichlorophenol	12.66	196	109959	11.42 ppm		97
39) 2,4,5-Trichlorophenol	12.76	196	116028	11.33 ppm		99
41) 2-Chloronaphthalene	12.98	162	309433	10.61 ppm		99
42) 2-Nitroaniline	13.39	65	112036	11.83 ppm		98
43) 1,3-Dinitrobenzene	13.95	168	57641	11.03 ppm		94
44) Acenaphthylene	13.94	152	441234	10.47 ppm		99
45) Dimethylphthalate	13.98	163	355570	10.60 ppm		100
46) 2,6-Dinitrotoluene	14.09	165	92558	11.01 ppm		96
47) Acenaphthene	14.40	154	283719	10.45 ppm		100
48) 3-Nitroaniline	14.39	138	90505	11.31 ppm		98
49) 2,4-Dinitrophenol	14.62	184	33937	11.94 ppm		99
50) Dibenzofuran	14.77	168	425773	11.21 ppm		98
51) 2,4-Dinitrotoluene	14.98	165	112816	11.44 ppm		99
52) 4-Nitrophenol	14.99	109	25477	10.60 ppm		92
53) Fluorene	15.58	166	334879	11.00 ppm		99
54) 4-Chlorophenyl-phenylether	15.67	204	168155	11.60 ppm		100
55) Diethylphthalate	15.67	149	344310	11.18 ppm		99
56) Azobenzene	16.03	77	463845	11.07 ppm		99
57) 4-Nitroaniline	15.83	138	86421	11.56 ppm		96
58) n-Octadecane	17.83	57	353433	10.26 ppm		100
60) 4,6-Dinitro-2-methylphenol	15.92	198	62188	10.72 ppm		97
61) n-Nitrosodiphenylamine	15.99	169	223779	10.52 ppm		99
63) 4-Bromophenyl-phenylether	16.80	248	96579	11.00 ppm		99
64) Hexachlorobenzene	17.05	284	104997	11.29 ppm		98
65) Pentachlorophenol	17.55	266	49386	8.96 ppm		98
66) Phenanthrene	17.80	178	428196	10.74 ppm		99
67) Anthracene	17.90	178	433110	10.88 ppm		99
68) Carbazole	18.35	167	372735	12.07 ppm		99
69) Di-n-butylphthalate	19.33	149	609513	10.95 ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

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

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.11	202	451768	12.28 ppm	99
72) Pyrene	20.46	202	459855	9.62 ppm	99
73) 2,2'-Dichlorobenzil	20.68	139	323324	9.17 ppm	98
75) Benzidine	20.43	184	137220	11.09 ppm	100
76) Butylbenzylphthalate	21.62	149	240889	9.58 ppm	99
77) 3,3'-Dichlorobenzidine	22.29	252	120064	11.83 ppm	98
78) Benzo[a]anthracene	22.25	228	358141	10.49 ppm	100
79) Chrysene	22.33	228	333837	10.66 ppm	98
80) bis(2-Ethylhexyl)phthalate	22.55	149	318839	10.24 ppm	99
81) Di-n-octylphthalate	23.70	149	429062	10.58 ppm	100
83) Benzo[b]fluoranthene	24.37	252	341226	9.78 ppm	98
84) Benzo[k]fluoranthene	24.37	252	341226	10.71 ppm	99
85) Benzo[a]pyrene	25.08	252	301582	10.53 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.68	276	272939	11.08 ppm	99
87) Dibenz[a,h]anthracene	27.76	278	294679	11.87 ppm	97
88) Benzo[g,h,i]perylene	28.25	276	298469	11.75 ppm	98

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

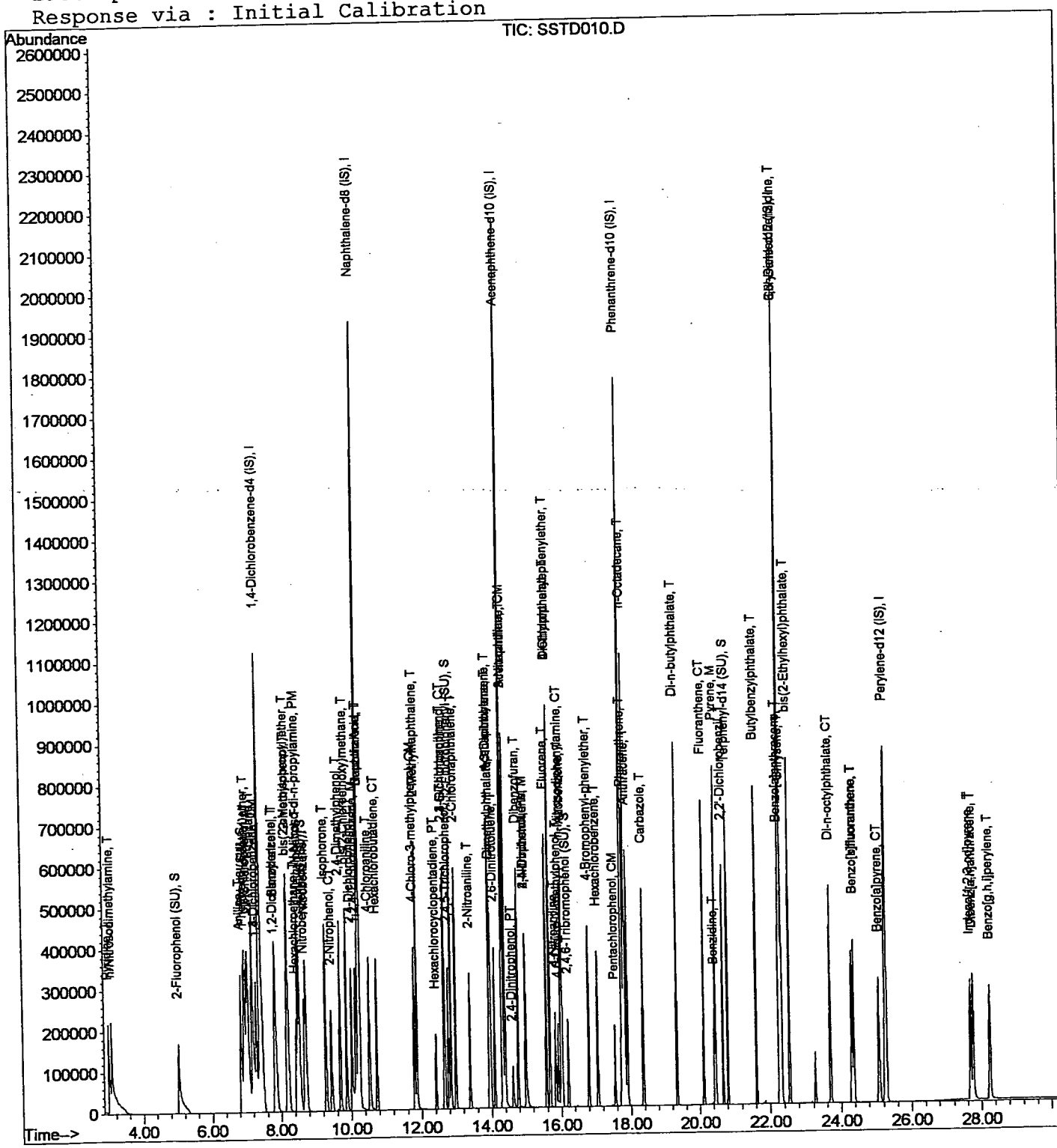
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD010.D
Acq On : 7 Nov 2007 2:07 pm
Sample : 10ppm BNA STD# 7100429
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:02 19107

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

Quant Results File: H7K07SV.RES

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



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:21 19107

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	464912	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	10.23	136	1416871	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	701520	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.78	188	971523	40.00	ppm	0.01
71) Chrysene-d12 (IS)	22.31	240	693548	40.00	ppm	0.01
82) Perylene-d12 (IS)	25.30	264	659661	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	1428173	76.00	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 76.00%			
7) Phenol-d6 (SU)	6.97	99	1793757	74.98	ppm	0.04
Spiked Amount 100.000	Range 40 - 120		Recovery = 74.98%			
21) Nitrobenzene-d5 (SU)	8.70	82	1380850	82.03	ppm	0.02
Spiked Amount 50.000	Range 40 - 120		Recovery = 164.06%#			
40) 2-Fluorobiphenyl (SU)	12.87	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

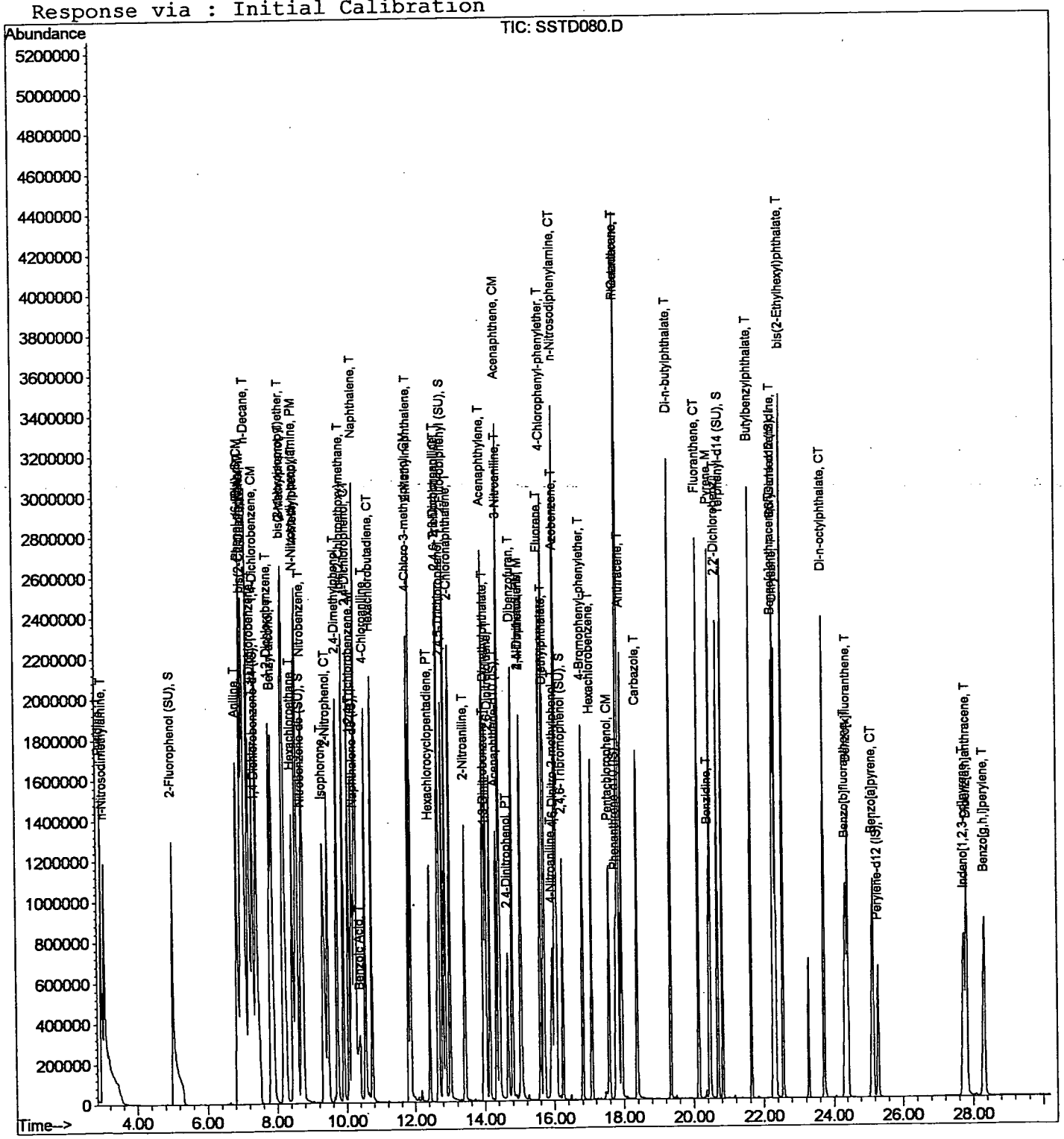
Quantitation Report

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

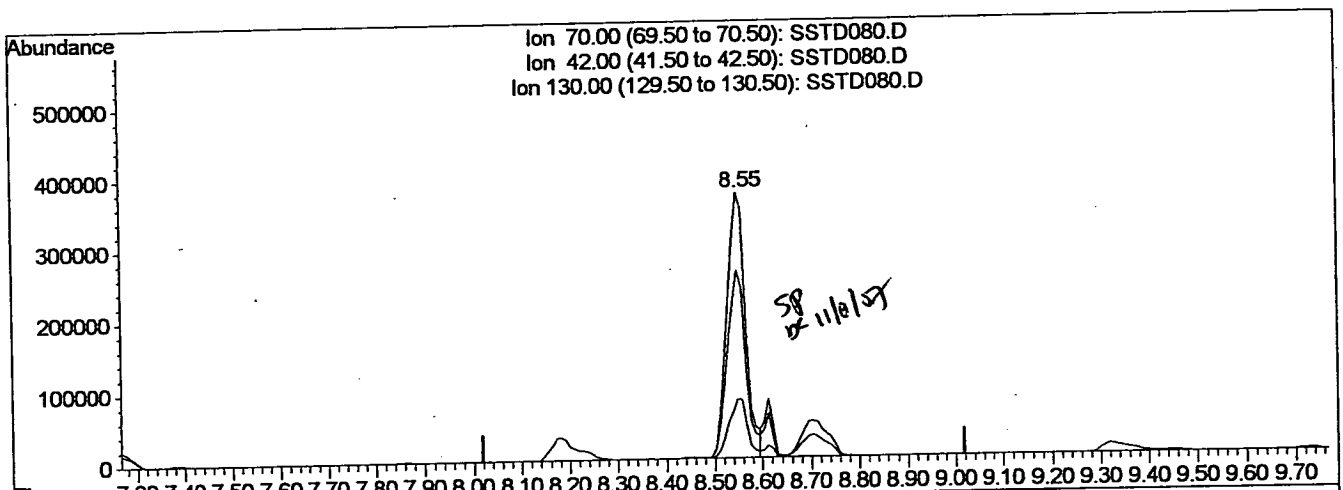


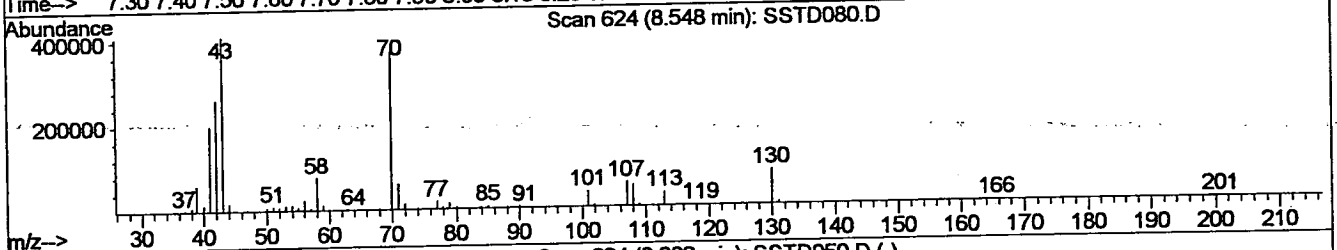
Quantitation Report

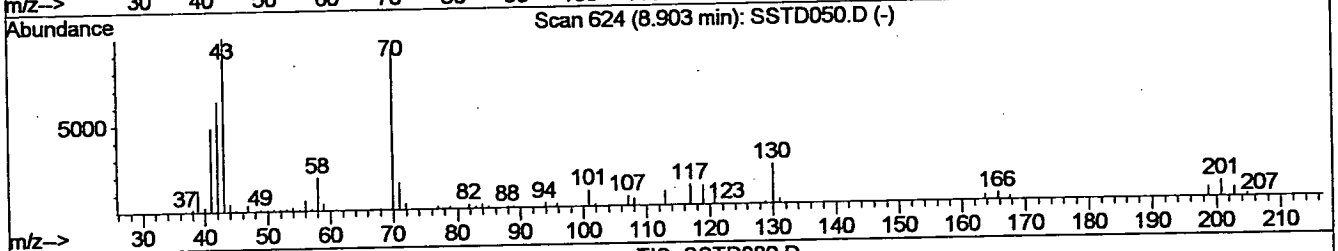
Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 5
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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







TIC: SSTD080.D

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

8.55min 67.13ppm

response 1002499

Ion	Exp%	Act%
70.00	100	100
42.00	71.20	71.25
130.00	22.40	22.49
0.00	0.00	0.00

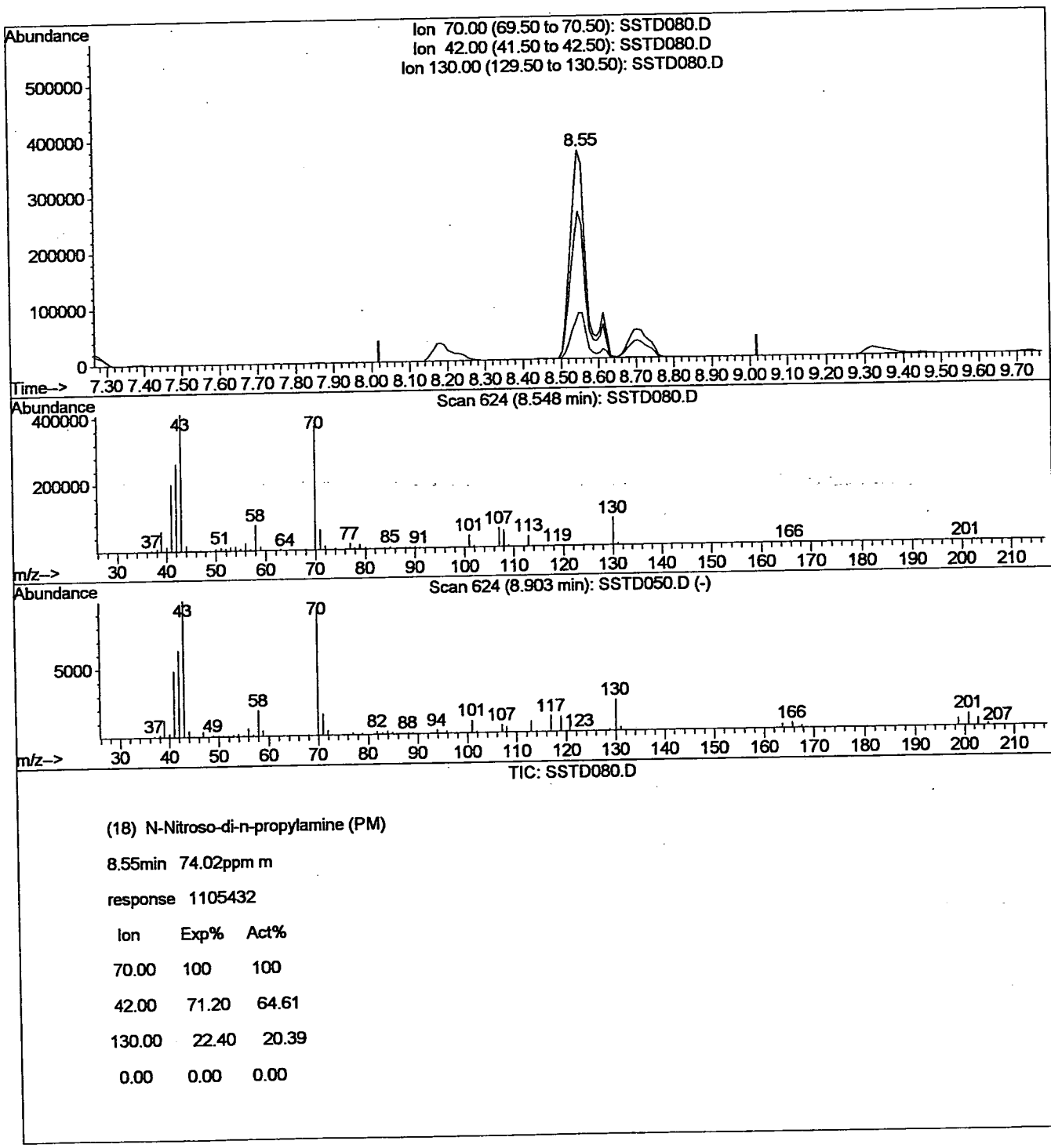
SSTD080.D H7K07SV.M Wed Nov 07 15:21:18 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD080.D
Acq On : 7 Nov 2007 2:42 pm
Sample : 80ppm BNA STD# 7100432
Misc : 8270/625 ICAL
[illegible]

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 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

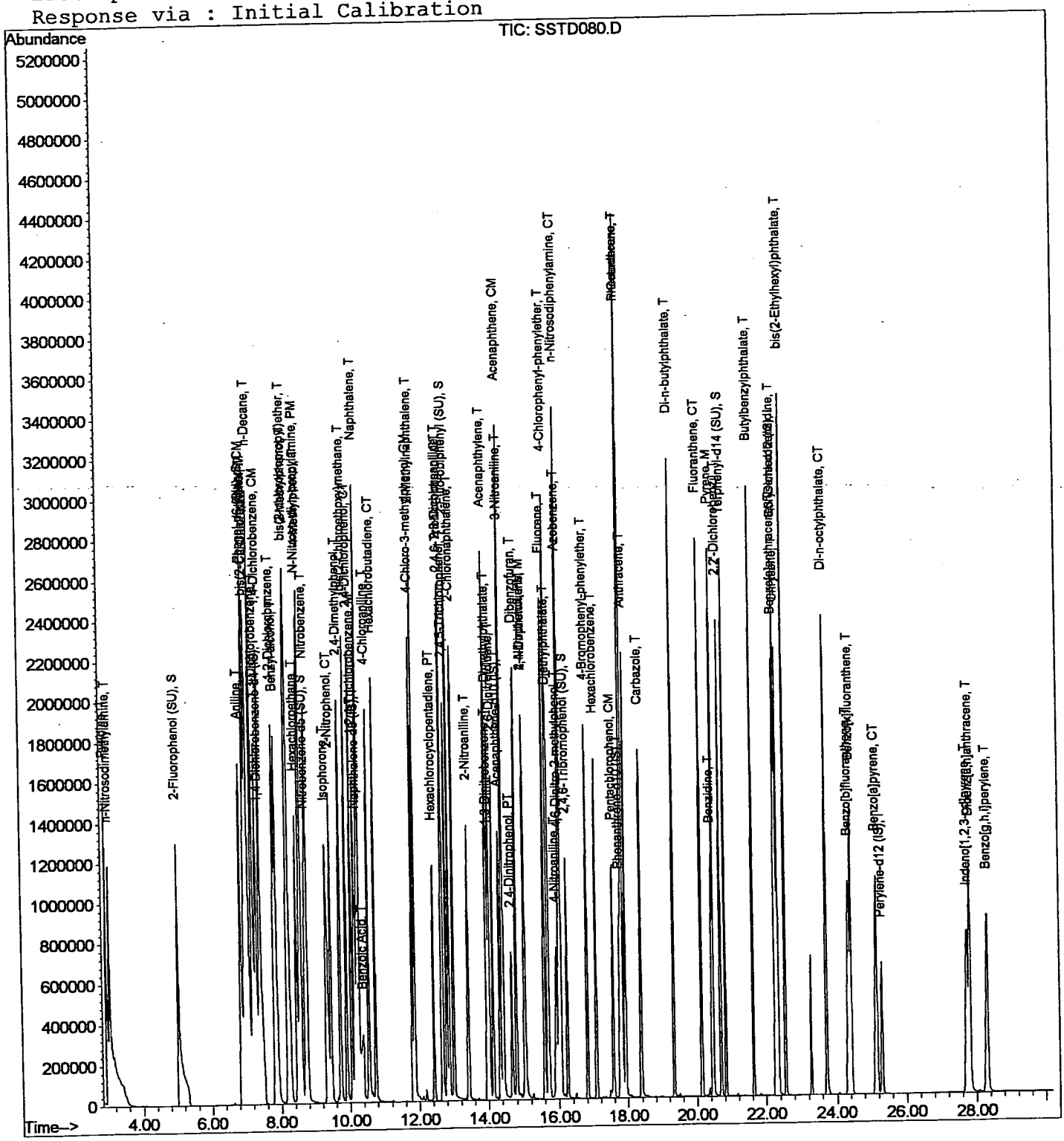
Quantitation Report

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

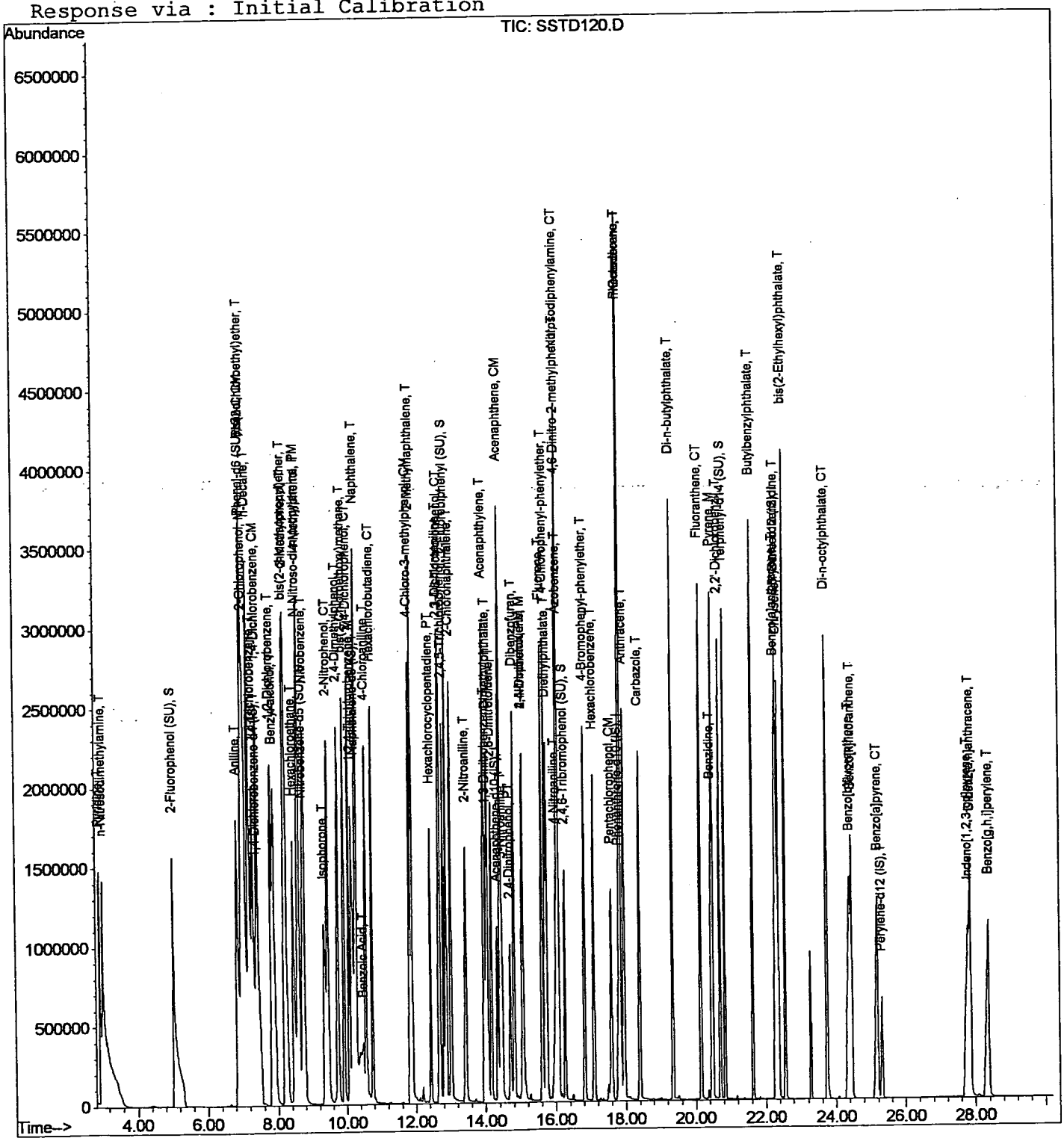
Quantitation Report

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

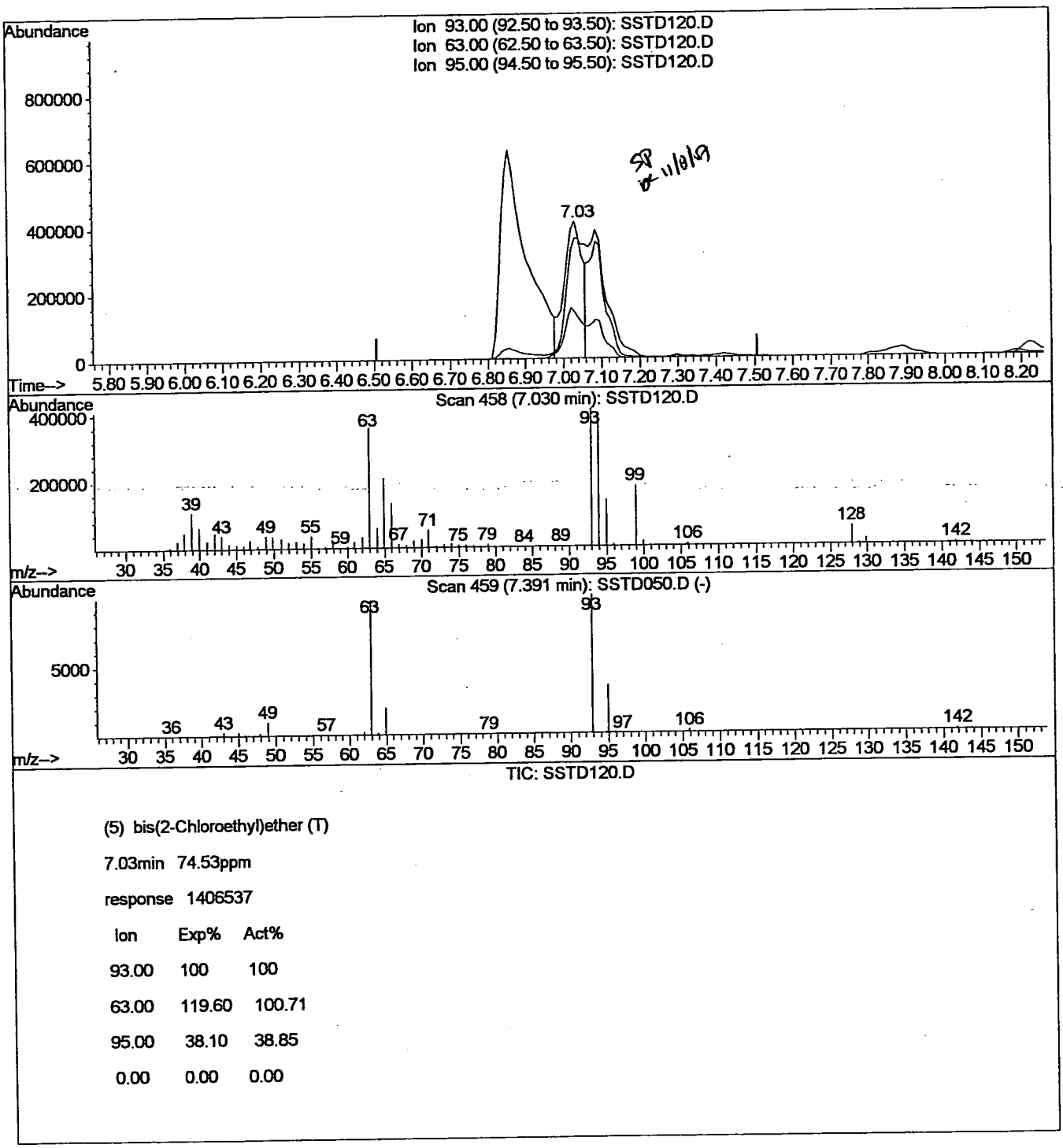


Quantitation Report

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
[illegible]

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD120.D

(5) bis(2-Chloroethyl)ether (T)

7.03min 74.53ppm

response 1406537

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

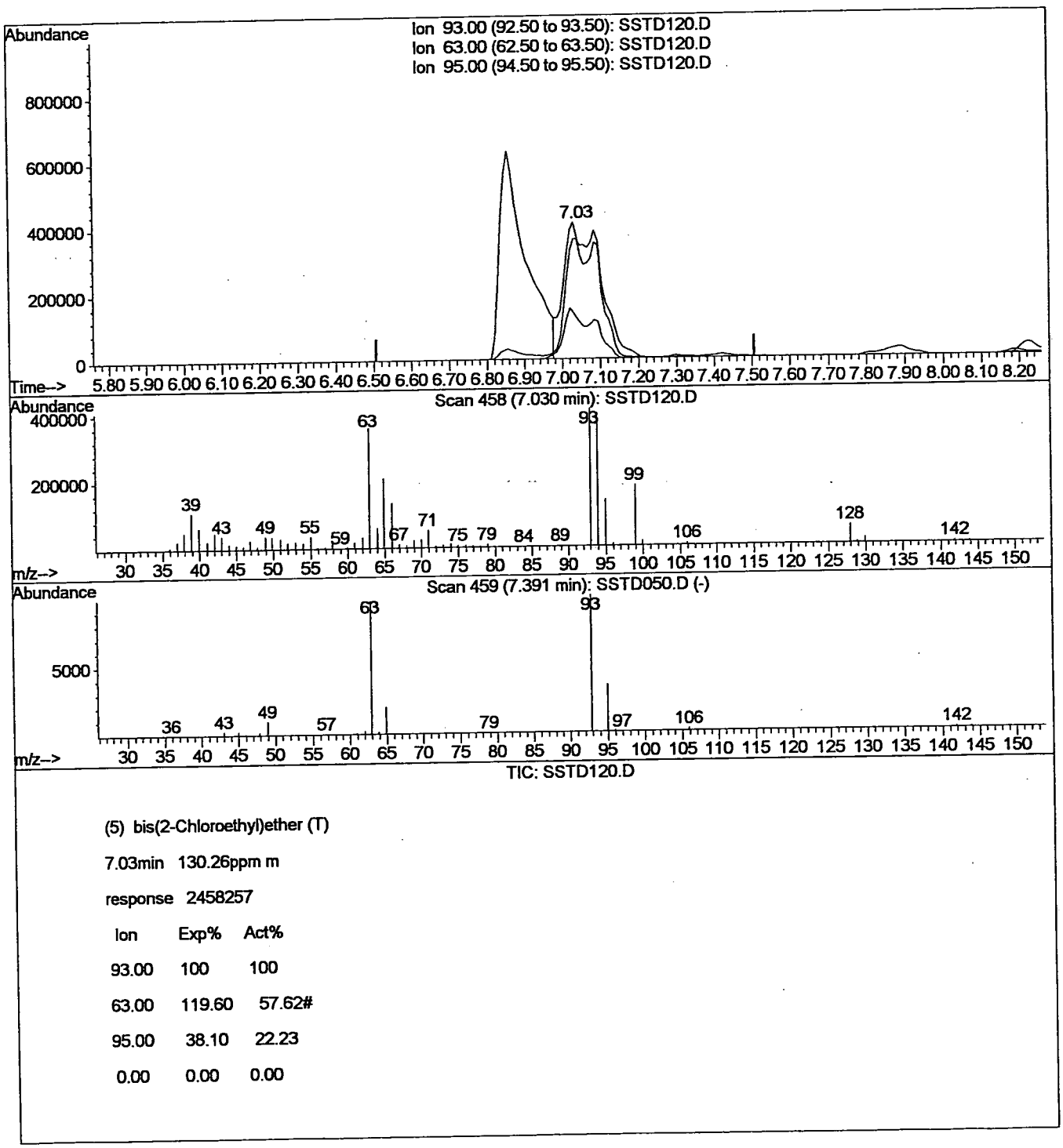
SSTD120.D H7K07SV.M Wed Nov 07 17:09:01 2007

Quantitation Report

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

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



(5) bis(2-Chloroethyl)ether (T)

7.03min 130.26ppm m

response 2458257

Ion	Exp%	Act%
93.00	100	100
63.00	119.60	57.62#
95.00	38.10	22.23
0.00	0.00	0.00

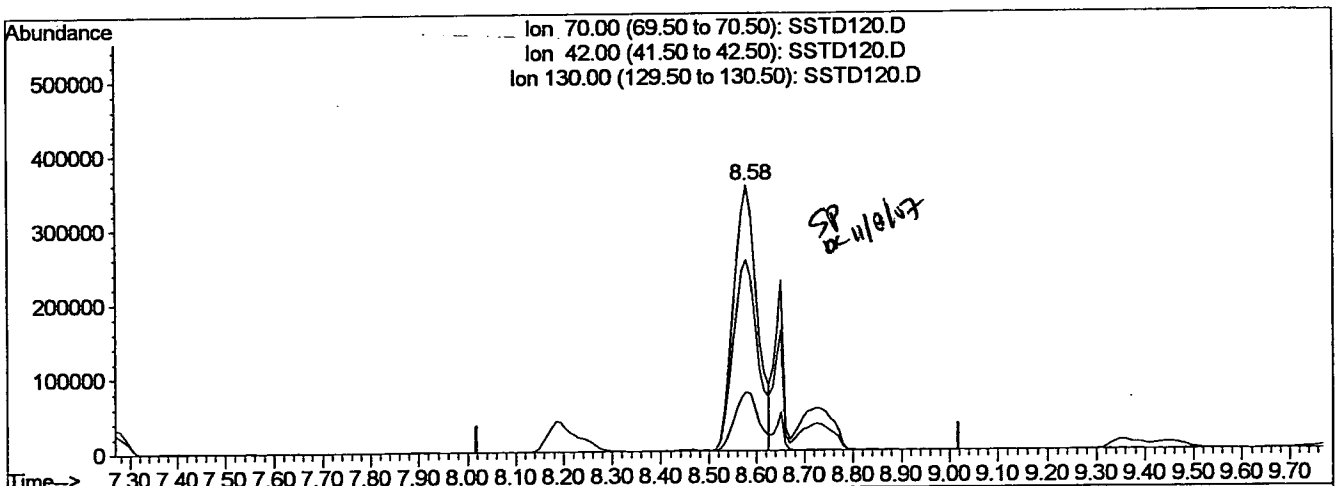
SSTD120.D H7K07SV.M Wed Nov 07 17:09:06 2007

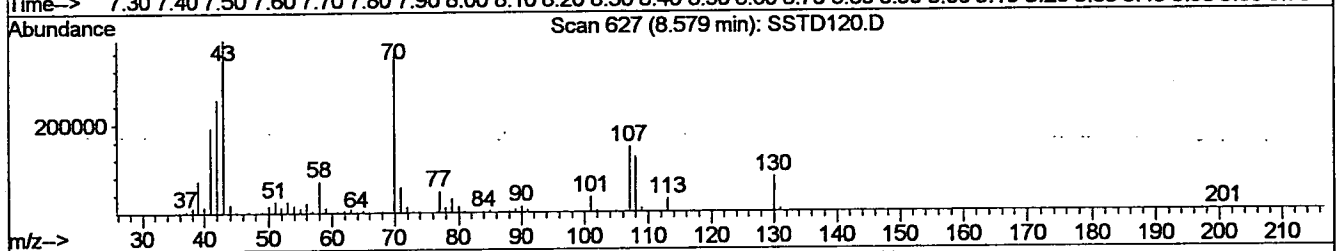
Quantitation Report

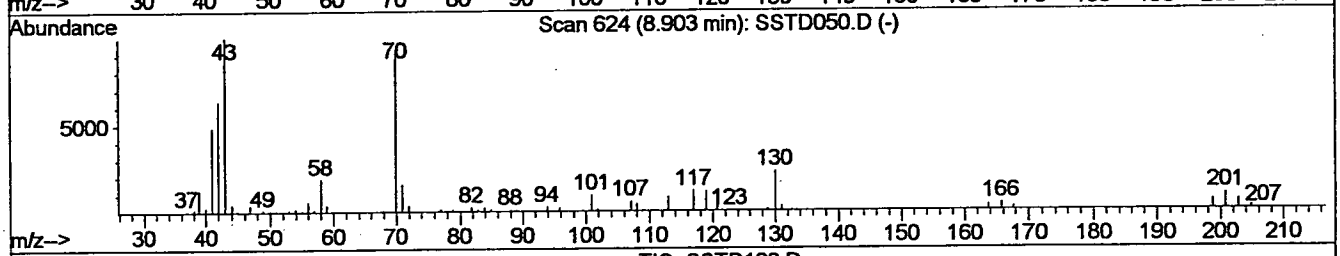
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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







TIC: SSTD120.D

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

8.58min 94.96ppm

response 1217625

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

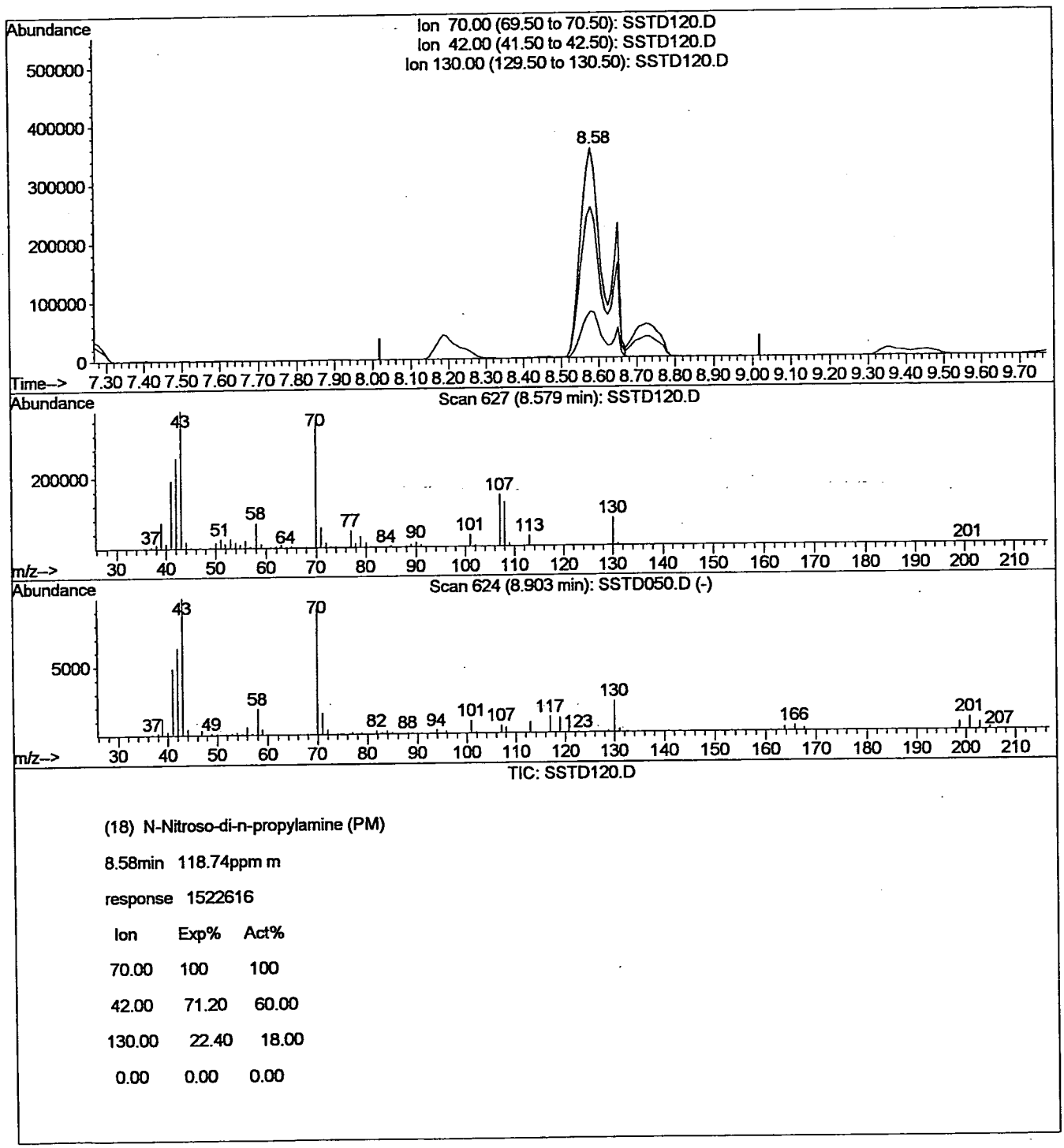
SSTD120.D H7K07SV.M Wed Nov 07 17:09:15 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTE2ND7P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD120.D

(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

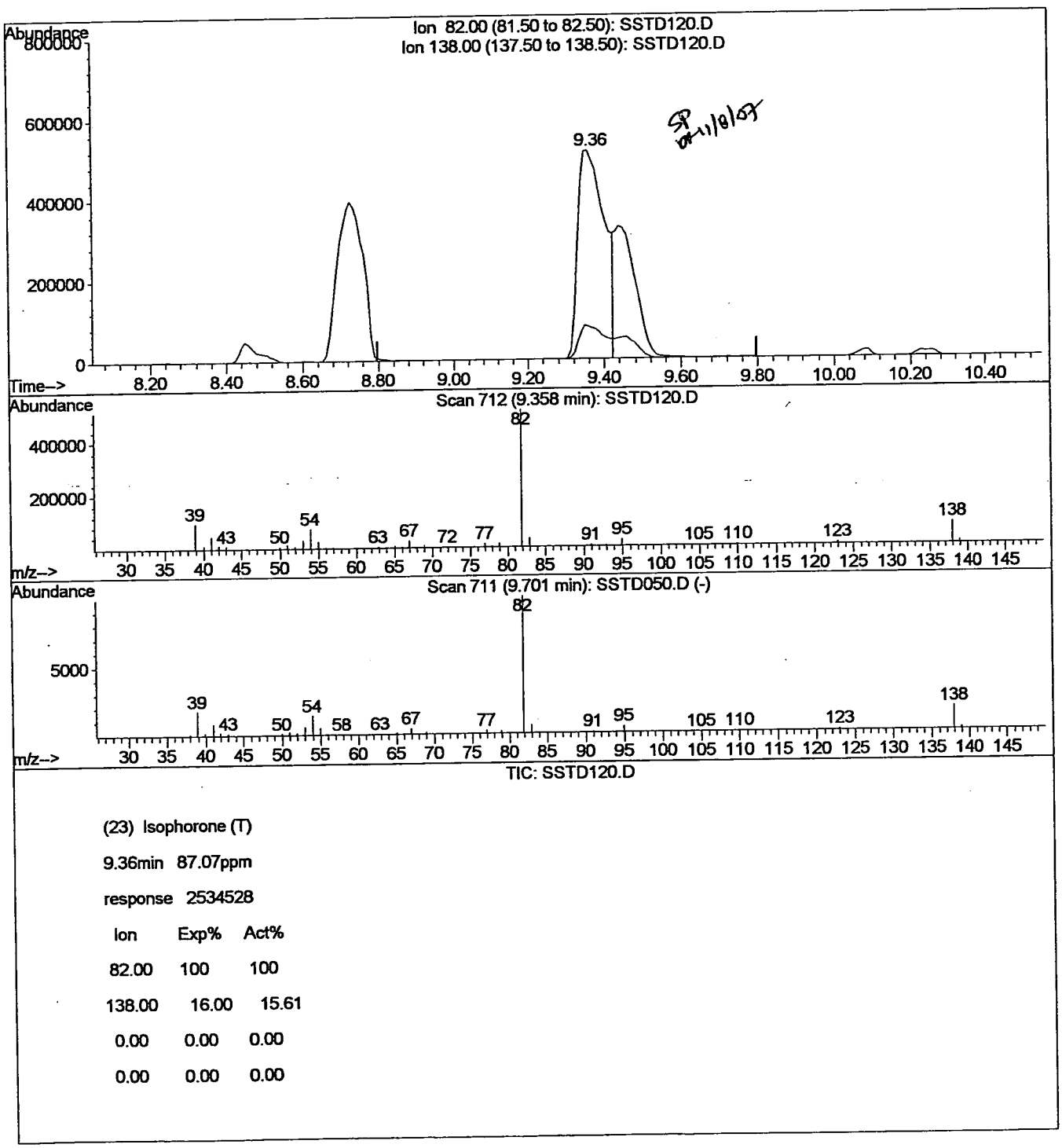
SSTD120.D H7K07SV.M Wed Nov 07 17:09:31 2007

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
MSIntFile : NovParam.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



TIC: SSTD120.D

(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

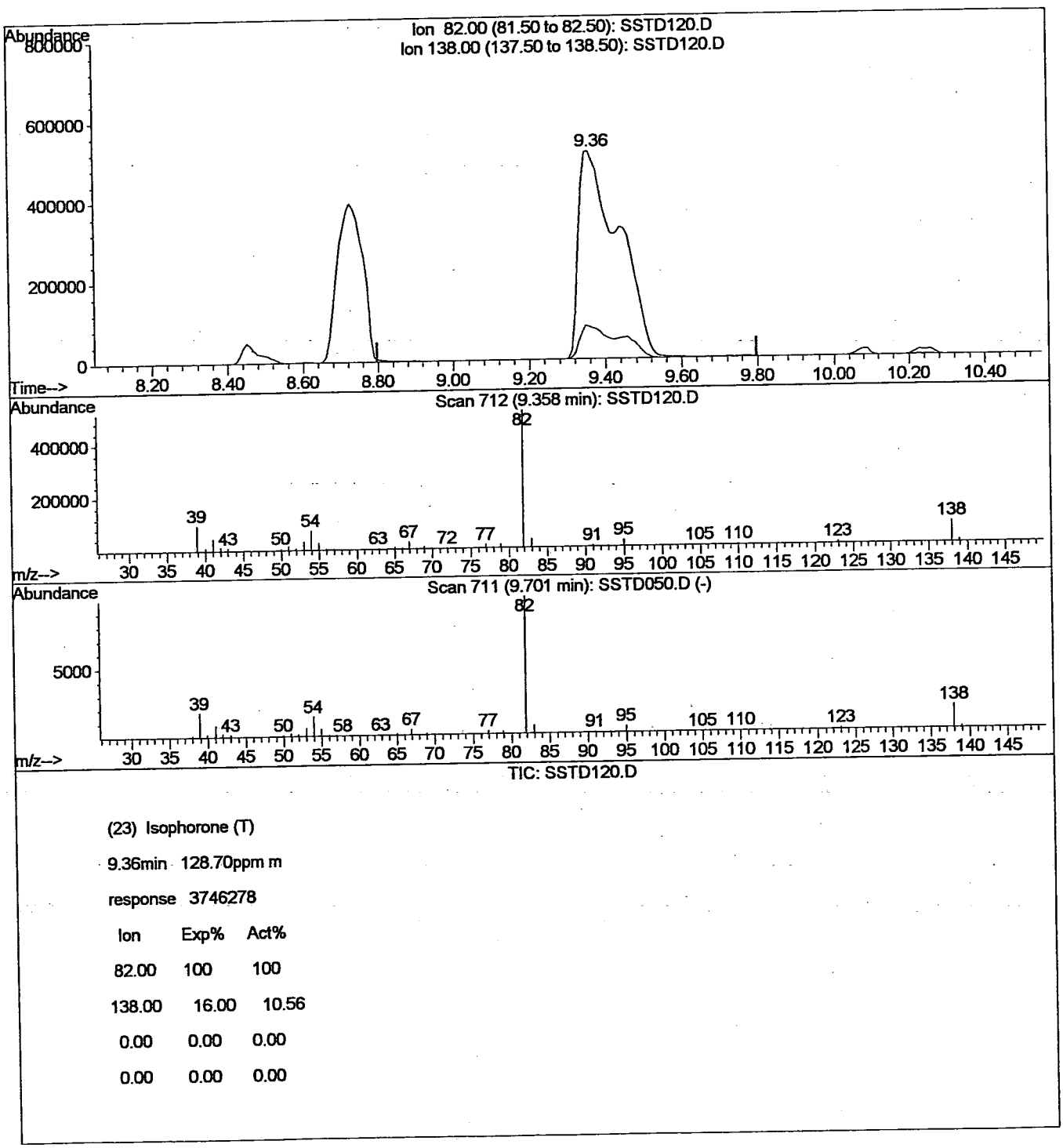
SSTD120.D H7K07SV.M Wed Nov 07 17:09:37 2007

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
MS Integration Params: RTE2NT07P

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

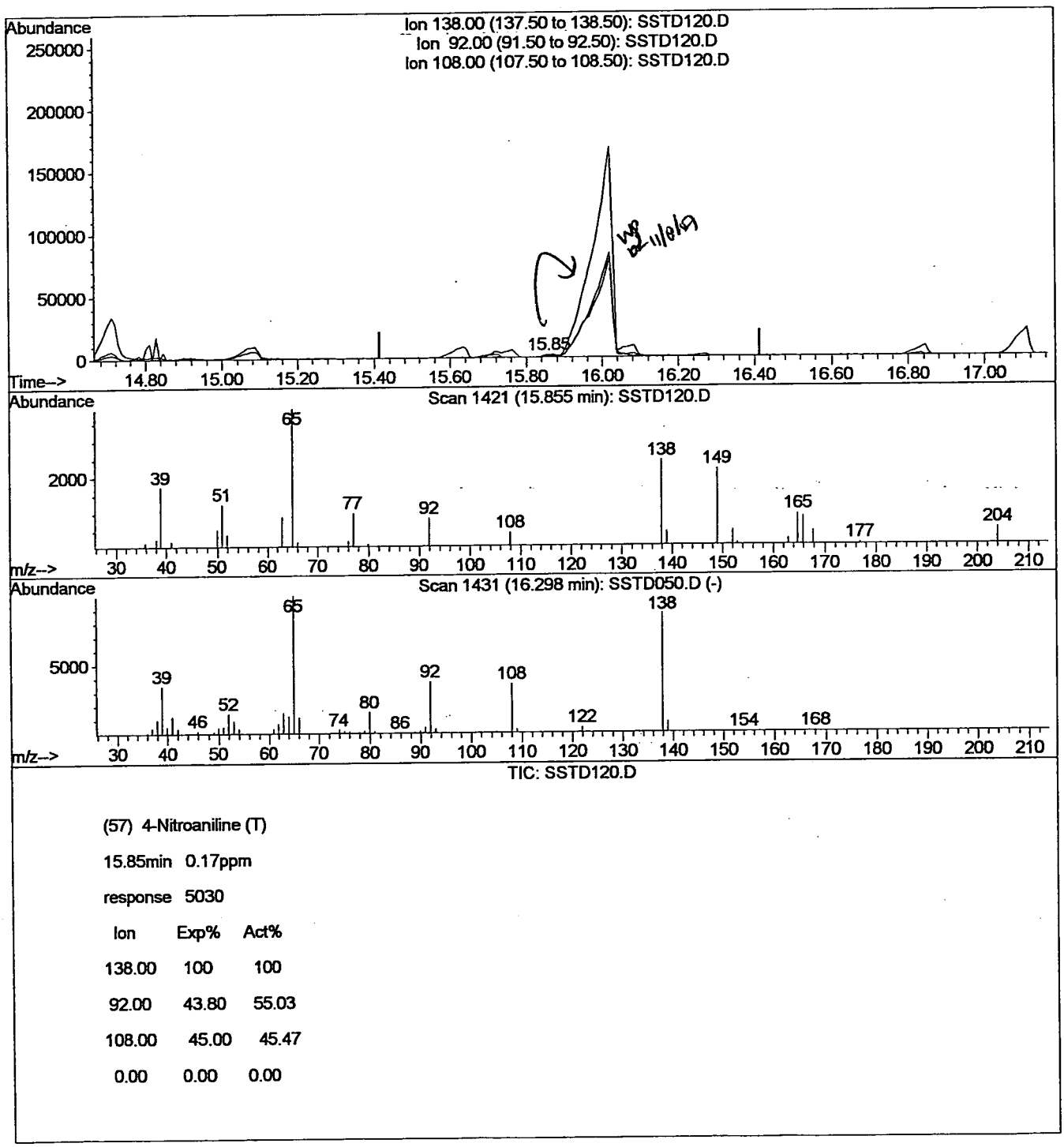
SSTD120.D H7K07SV.M Wed Nov 07 17:09:42 2007

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
MS Integration Params: RTE.P

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



(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

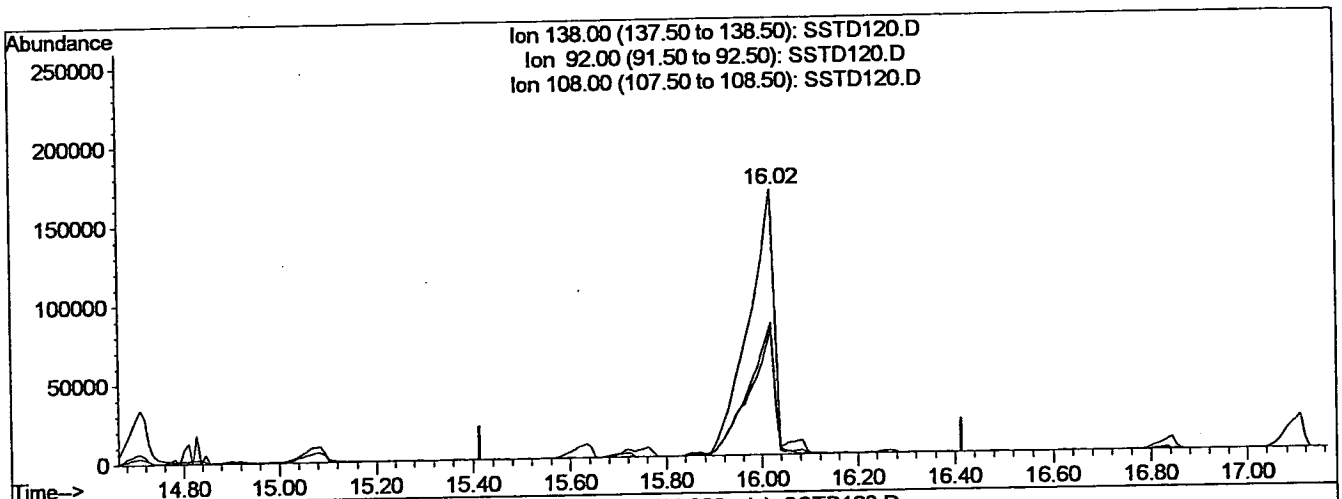
SSTD120.D H7K07SV.M Wed Nov 07 17:09:59 2007

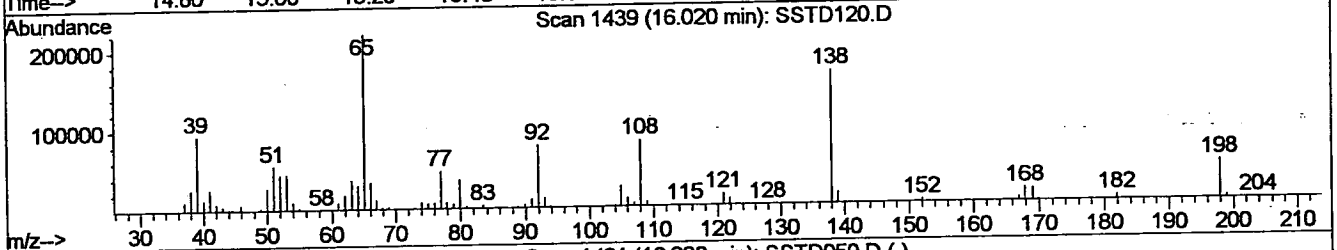
Quantitation Report

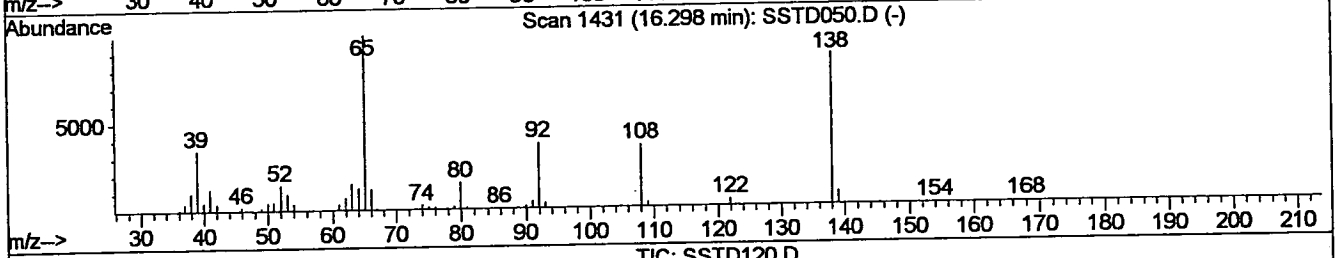
Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
[illegible]

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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







TIC: SSTD120.D

(57) 4-Nitroaniline (T)

16.02min 145.64ppm m

response 623618

Ion	Exp%	Act%
138.00	100	100
92.00	43.80	0.44#
108.00	45.00	0.37#
0.00	0.00	0.00

SSTD120.D H7K07SV.M Wed Nov 07 17:10:03 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	399216	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.26	136	1249888	40.00	ppm	0.03
36) Acenaphthene-d10 (IS)	14.35	164	625135	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.81	188	893039	40.00	ppm	0.04
71) Chrysene-d12 (IS)	22.32	240	631958	40.00	ppm	0.02
82) Perylene-d12 (IS)	25.32	264	634003	40.00	ppm	0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	2039357	126.39	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 126.39%#			
7) Phenol-d6 (SU)	6.99	99	2482389	120.84	ppm	0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.84%#			
21) Nitrobenzene-d5 (SU)	8.73	82	1900240	127.96	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 255.92%#			
40) 2-Fluorobiphenyl (SU)	12.89	172	2405392	112.36	ppm	0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 224.72%#			
62) 2,4,6-Tribromophenol (SU)	16.28	330	418840	147.63	ppm	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.63%#			
74) Terphenyl-d14 (SU)	20.85	244	1953779	115.84	ppm	0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 231.68%#			

Target Compounds						Qvalue
3) Pyridine	2.95	79	2908945	126.89	ppm #	6
4) n-Nitrosodimethylamine	3.04	74	1963926	125.08	ppm	98
5) bis(2-Chloroethyl)ether	7.03	93	1406537	74.53	ppm	87
6) Aniline	6.86	93	3064662	117.67	ppm	91
8) Phenol	7.02	94	2583152	119.92	ppm #	68
9) 2-Chlorophenol	7.06	128	1770076	119.53	ppm	98
10) n-Decane	7.19	57	3166185	116.33	ppm	100
11) 1,3-Dichlorobenzene	7.31	146	1619813	112.88	ppm	96
12) 1,4-Dichlorobenzene	7.42	146	2002388	120.04	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	1759259	119.83	ppm	99
14) Benzyl alcohol	7.89	108	1155363	124.97	ppm	99
15) bis(2-chloroisopropyl)ethe	8.18	45	4917300	119.02	ppm	100
16) 2-Methylphenol	8.22	107	1360035	121.57	ppm	97
17) Hexachloroethane	8.45	117	740972	120.92	ppm	99
18) N-Nitroso-di-n-propylamine	8.58	70	1217625	94.96	ppm	96
19) 4-Methylphenol	8.62	107	1781063	117.51	ppm	100
22) Nitrobenzene	8.78	77	1903510	124.77	ppm	99
23) Isophorone	9.36	82	2534528	87.07	ppm	99
24) 2-Nitrophenol	9.48	139	1005541	131.19	ppm	97

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.77	122	1385913	122.01 ppm		98
26) bis(2-Chloroethoxy)methane	9.94	93	2200711	123.90 ppm		99
27) 2,4-Dichlorophenol	10.09	162	1224389	128.12 ppm		98
28) 1,2,4-Trichlorobenzene	10.15	180	1252694	121.79 ppm		99
29) Benzoic Acid	10.49	122	811825	105.24 ppm	#	73
30) Naphthalene	10.30	128	3484128	112.60 ppm		99
31) 4-Chloroaniline	10.58	127	1647371	122.54 ppm		97
32) Hexachlorobutadiene	10.76	225	638290	140.03 ppm		99
33) 4-Chloro-3-methylphenol	11.84	107	1228220	132.34 ppm		91
34) 2-Methylnaphthalene	11.91	141	2149107	123.25 ppm		90
35) 2,3-Dichloroaniline	12.68	161	1298622	128.79 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	521171	142.62 ppm		99
38) 2,4,6-Trichlorophenol	12.72	196	777744	130.59 ppm		99
39) 2,4,5-Trichlorophenol	12.81	196	840414	132.63 ppm		98
41) 2-Chloronaphthalene	13.03	162	2055763	113.98 ppm		97
42) 2-Nitroaniline	13.46	65	1002355	122.50 ppm		96
43) 1,3-Dinitrobenzene	14.04	168	465629	124.81 ppm	#	46
44) Acenaphthylene	13.99	152	3132161	120.11 ppm		99
45) Dimethylphthalate	14.09	163	2434339	117.33 ppm		100
46) 2,6-Dinitrotoluene	14.19	165	665434	127.94 ppm		95
47) Acenaphthene	14.45	154	1927076	114.75 ppm		100
48) 3-Nitroaniline	14.49	138	657439	132.88 ppm		98
49) 2,4-Dinitrophenol	14.71	184	433086	122.31 ppm		93
50) Dibenzofuran	14.84	168	2743164	116.74 ppm		95
51) 2,4-Dinitrotoluene	15.08	165	843724	138.28 ppm		94
52) 4-Nitrophenol	15.08	109	252302	151.56 ppm	#	87
53) Fluorene	15.63	166	2266843	120.41 ppm		99
54) 4-Chlorophenyl-phenylether	15.72	204	1126246	125.62 ppm		98
55) Diethylphthalate	15.76	149	2178683	114.32 ppm		100
56) Azobenzene	16.10	77	3025860	116.76 ppm	#	90
58) n-Octadecane	17.88	57	1953763	116.82 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.07	198	522376	116.51 ppm		81
61) n-Nitrosodiphenylamine	16.08	169	1374156	101.78 ppm		96
63) 4-Bromophenyl-phenylether	16.84	248	699828	125.58 ppm		99
64) Hexachlorobenzene	17.11	284	798073	135.21 ppm		98
65) Pentachlorophenol	17.60	266	535534	153.07 ppm		98
66) Phenanthrene	17.87	178	2690350	106.37 ppm		99
67) Anthracene	17.98	178	2667397	105.59 ppm		99
68) Carbazole	18.42	167	2332256	118.98 ppm		98
69) Di-n-butylphthalate	19.36	149	3890496	110.11 ppm		99
70) Fluoranthene	20.16	202	3044243	130.33 ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	20.51	202	2879035	104.28 ppm	100
73) 2,2'-Dichlorobenzil	20.71	139	2276987	111.80 ppm	98
75) Benzidine	20.45	184	900099	110.43 ppm	98
76) Butylbenzylphthalate	21.65	149	1660017	114.28 ppm	99
77) 3,3'-Dichlorobenzidine	22.33	252	879278	149.97 ppm	99
78) Benzo[a]anthracene	22.30	228	2432543	123.36 ppm	100
79) Chrysene	22.38	228	2044621	112.97 ppm	100
80) bis(2-Ethylhexyl)phthalate	22.58	149	1984661	110.28 ppm	99
81) Di-n-octylphthalate	23.74	149	2944354	125.70 ppm	100
83) Benzo[b]fluoranthene	24.41	252	3234456	145.11 ppm	98
84) Benzo[k]fluoranthene	24.48	252	1386885	68.14 ppm	98
85) Benzo[a]pyrene	25.20	252	2162232	118.12 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.80	276	2330079	148.05 ppm	99
87) Dibenz[a,h]anthracene	27.88	278	2207475	139.13 ppm	96
88) Benzo[g,h,i]perylene	28.39	276	2148431	132.33 ppm	98

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

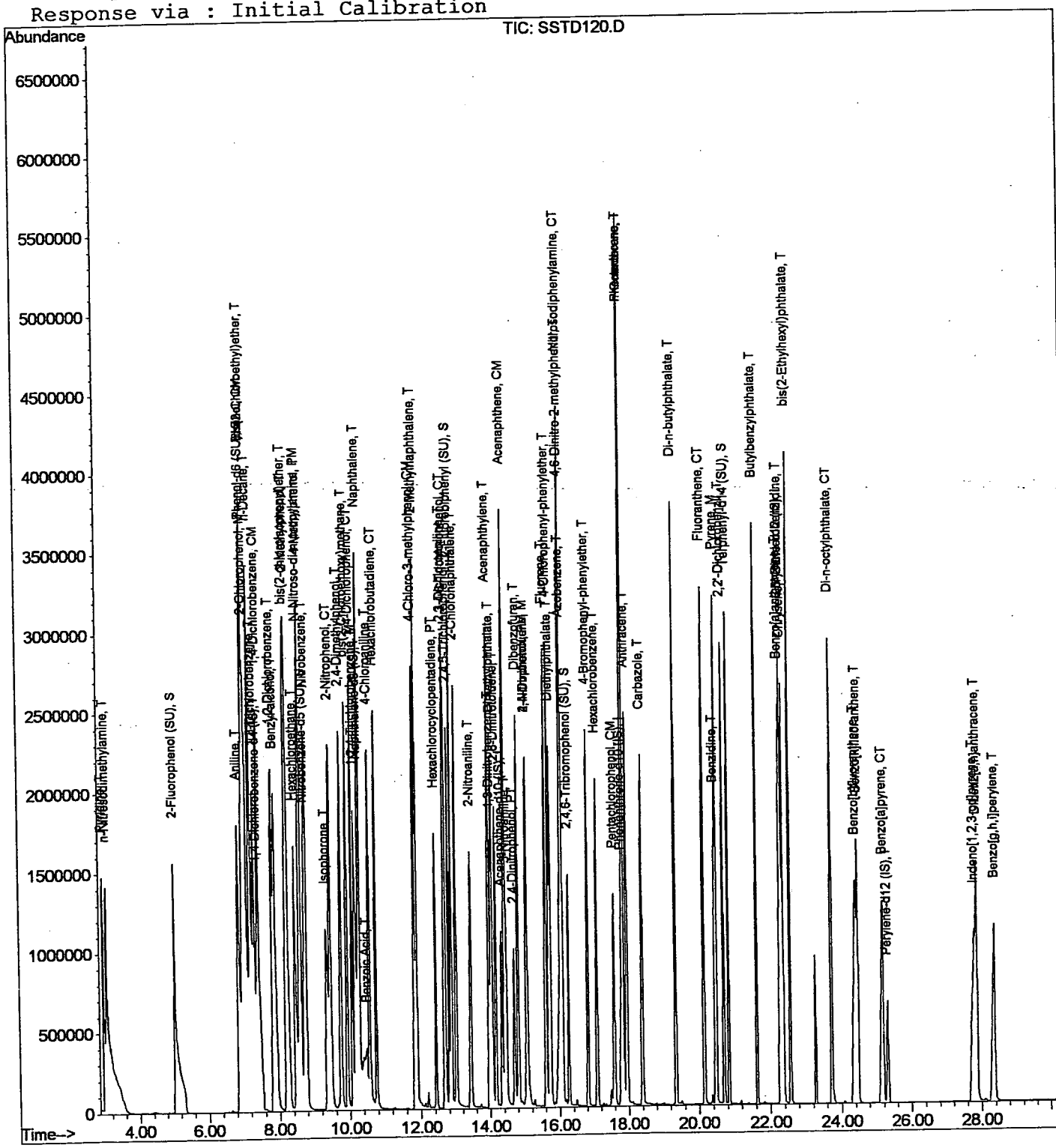
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD120.D
Acq On : 7 Nov 2007 3:19 pm
Sample : 120ppm BNA STD# 7100433
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 15:50 19107

Vial: 6
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	369942	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.24	136	1180661	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	14.36	164	605872	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.83	188	851636	40.00	ppm	0.07
71) Chrysene-d12 (IS)	22.34	240	617901	40.00	ppm	0.04
82) Perylene-d12 (IS)	25.34	264	580682	40.00	ppm	0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.04	112	2683774	179.49	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 179.49%#			
7) Phenol-d6 (SU)	7.02	99	3142498	165.08	ppm	0.09
Spiked Amount 100.000	Range 40 - 120		Recovery = 165.08%#			
21) Nitrobenzene-d5 (SU)	8.75	82	2412335	171.97	ppm	0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 343.94%#			
40) 2-Fluorobiphenyl (SU)	12.91	172	2947802	142.08	ppm	0.05
Spiked Amount 50.000	Range 40 - 120		Recovery = 284.16%#			
62) 2,4,6-Tribromophenol (SU)	16.30	330	547530	202.27	ppm	0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 202.27%#			
74) Terphenyl-d14 (SU)	20.86	244	2355617	142.84	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 285.68%#			

Target Compounds						Qvalue
3) Pyridine	2.96	79	3828542	180.22	ppm #	13
4) n-Nitrosodimethylamine	3.06	74	2597956	178.55	ppm	97
5) bis(2-Chloroethyl)ether	7.05	93	3114646m	178.10	ppm	
6) Aniline	6.87	93	3935019	163.05	ppm	89
8) Phenol	7.05	94	3193397	159.98	ppm #	68
9) 2-Chlorophenol	7.07	128	2221788m	161.91	ppm	
10) n-Decane	7.20	57	3927073	155.70	ppm	100
11) 1,3-Dichlorobenzene	7.32	146	1972423	148.33	ppm	88
12) 1,4-Dichlorobenzene	7.44	146	2474077	160.05	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	2143374	157.54	ppm	97
14) Benzyl alcohol	7.92	108	1470945	171.70	ppm	98
15) bis(2-chloroisopropyl)ethe	8.20	45	6152855	160.71	ppm	99
16) 2-Methylphenol	8.25	107	1693098	163.31	ppm	99
17) Hexachloroethane	8.46	117	920323	162.07	ppm	98
18) N-Nitroso-di-n-propylamine	8.69	70	1991939m	167.63	ppm	
19) 4-Methylphenol	8.67	107	2240267	159.50	ppm	100
22) Nitrobenzene	8.80	77	2392286	166.00	ppm	98
23) Isophorone	9.40	82	4820029m	175.30	ppm	
24) 2-Nitrophenol	9.49	139	1343128	185.51	ppm	95

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.80	122	1757751	163.82 ppm		97
26) bis(2-Chloroethoxy)methane	9.96	93	2762504	164.65 ppm		99
27) 2,4-Dichlorophenol	10.12	162	1503686	166.57 ppm		97
28) 1,2,4-Trichlorobenzene	10.17	180	1526692	157.13 ppm		99
29) Benzoic Acid	10.61	122	1095643m	147.03 ppm		
30) Naphthalene	10.32	128	4311413	147.51 ppm		99
31) 4-Chloroaniline	10.59	127	2070833	163.07 ppm		97
32) Hexachlorobutadiene	10.77	225	771868	179.26 ppm		98
33) 4-Chloro-3-methylphenol	11.86	107	1571855	179.30 ppm	#	81
34) 2-Methylnaphthalene	11.92	141	2607882	158.32 ppm	#	84
35) 2,3-Dichloroaniline	12.71	161	1616395	169.70 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	644159	181.10 ppm		99
38) 2,4,6-Trichlorophenol	12.74	196	965806	167.32 ppm		99
39) 2,4,5-Trichlorophenol	12.84	196	1032839	168.18 ppm		96
41) 2-Chloronaphthalene	13.06	162	2561536	146.53 ppm		97
42) 2-Nitroaniline	13.50	65	1301440	162.88 ppm		96
43) 1,3-Dinitrobenzene	14.08	168	601755	165.90 ppm	#	50
44) Acenaphthylene	14.00	152	3902448	154.41 ppm		99
45) Dimethylphthalate	14.12	163	3109106	154.62 ppm		99
46) 2,6-Dinitrotoluene	14.23	165	839963	166.63 ppm		92
47) Acenaphthene	14.47	154	2429617	149.28 ppm		99
48) 3-Nitroaniline	14.53	138	865173	180.42 ppm		97
49) 2,4-Dinitrophenol	14.75	184	594930	170.72 ppm		95
50) Dibenzofuran	14.85	168	3483902	152.98 ppm		94
51) 2,4-Dinitrotoluene	15.13	165	1080686	182.75 ppm		94
52) 4-Nitrophenol	15.12	109	343007	212.11 ppm	#	83
53) Fluorene	15.66	166	2814318	154.25 ppm		99
54) 4-Chlorophenyl-phenylether	15.74	204	1424349	163.93 ppm		97
55) Diethylphthalate	15.81	149	2824415	152.92 ppm		100
56) Azobenzene	16.13	77	3697882	147.23 ppm	#	90
57) 4-Nitroaniline	16.08	138	792212	191.21 ppm		92
58) n-Octadecane	17.89	57	2354367	146.02 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.10	198	666421	155.16 ppm		86
61) n-Nitrosodiphenylamine	16.12	169	1773215	137.73 ppm		95
63) 4-Bromophenyl-phenylether	16.86	248	890594	167.58 ppm		99
64) Hexachlorobenzene	17.13	284	1012344	179.85 ppm		99
65) Pentachlorophenol	17.63	266	721132	216.14 ppm		98
66) Phenanthrene	17.89	178	3374154	139.89 ppm		99
67) Anthracene	18.00	178	3378839	140.26 ppm		99
68) Carbazole	18.44	167	3116213	166.70 ppm		98
69) Di-n-butylphthalate	19.38	149	4903837	145.54 ppm		99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.18	202	3726588	167.30 ppm	100
72) Pyrene	20.52	202	3579246	132.59 ppm	100
73) 2,2'-Dichlorobenzil	20.73	139	2776881	139.45 ppm	97
75) Benzidine	20.47	184	1042671	130.56 ppm	99
76) Butylbenzylphthalate	21.66	149	2068050	145.61 ppm	98
77) 3,3'-Dichlorobenzidine	22.36	252	1139013	198.68 ppm	99
78) Benzo[a]anthracene	22.31	228	3117772	161.70 ppm	99
79) Chrysene	22.40	228	2593101	146.53 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.59	149	2416454	137.33 ppm	98
81) Di-n-octylphthalate	23.77	149	3753739	163.91 ppm	100
83) Benzo[b]fluoranthene	24.46	252	4393103	215.18 ppm	98
84) Benzo[k]fluoranthene	24.50	252	1414426m	75.88 ppm	
85) Benzo[a]pyrene	25.23	252	2654320	158.32 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.83	276	2587113	179.48 ppm	99
87) Dibenz[a,h]anthracene	27.90	278	2383465	164.01 ppm	96
88) Benzo[g,h,i]perylene	28.41	276	2305985	155.07 ppm	97

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

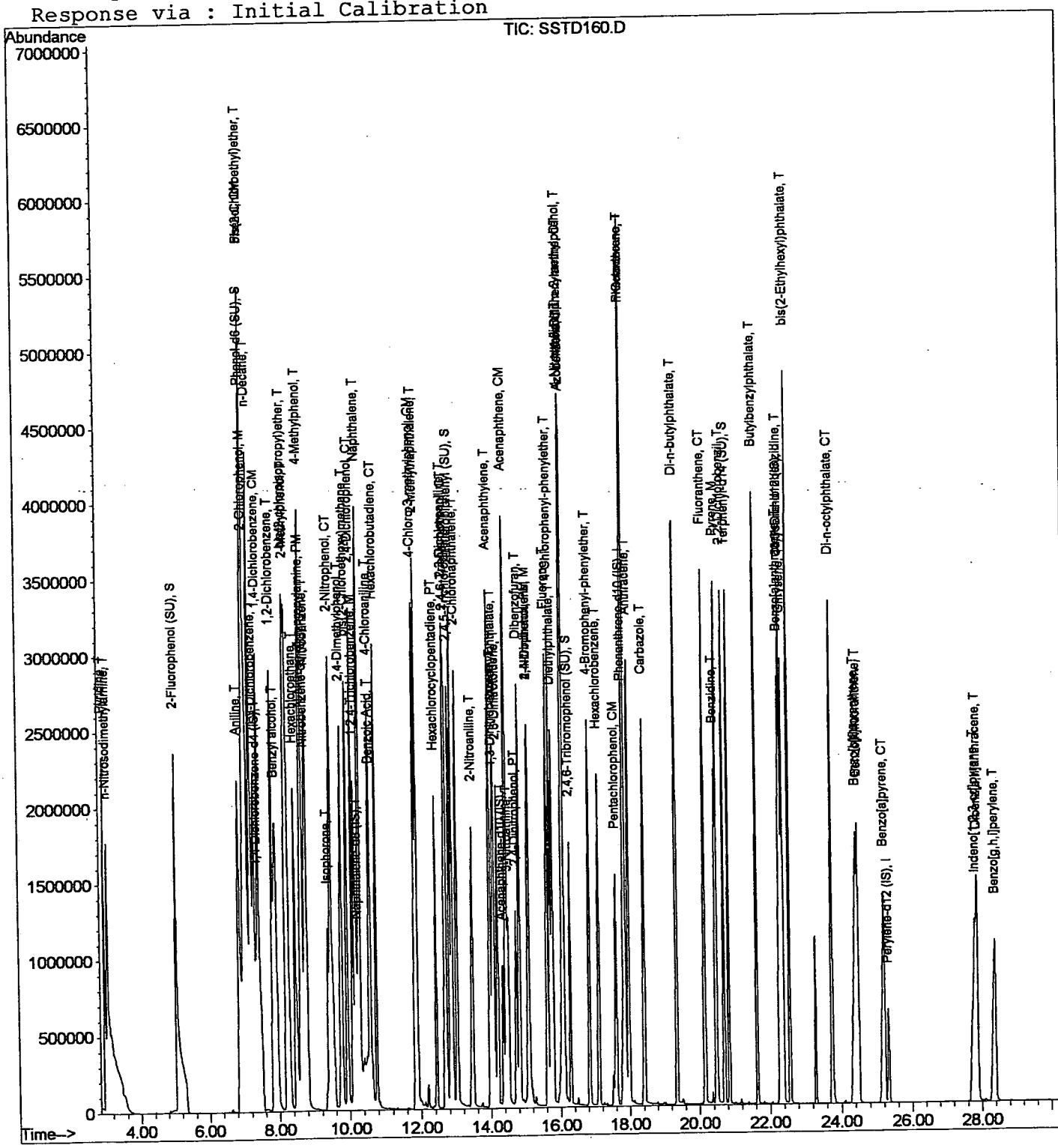
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:12 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

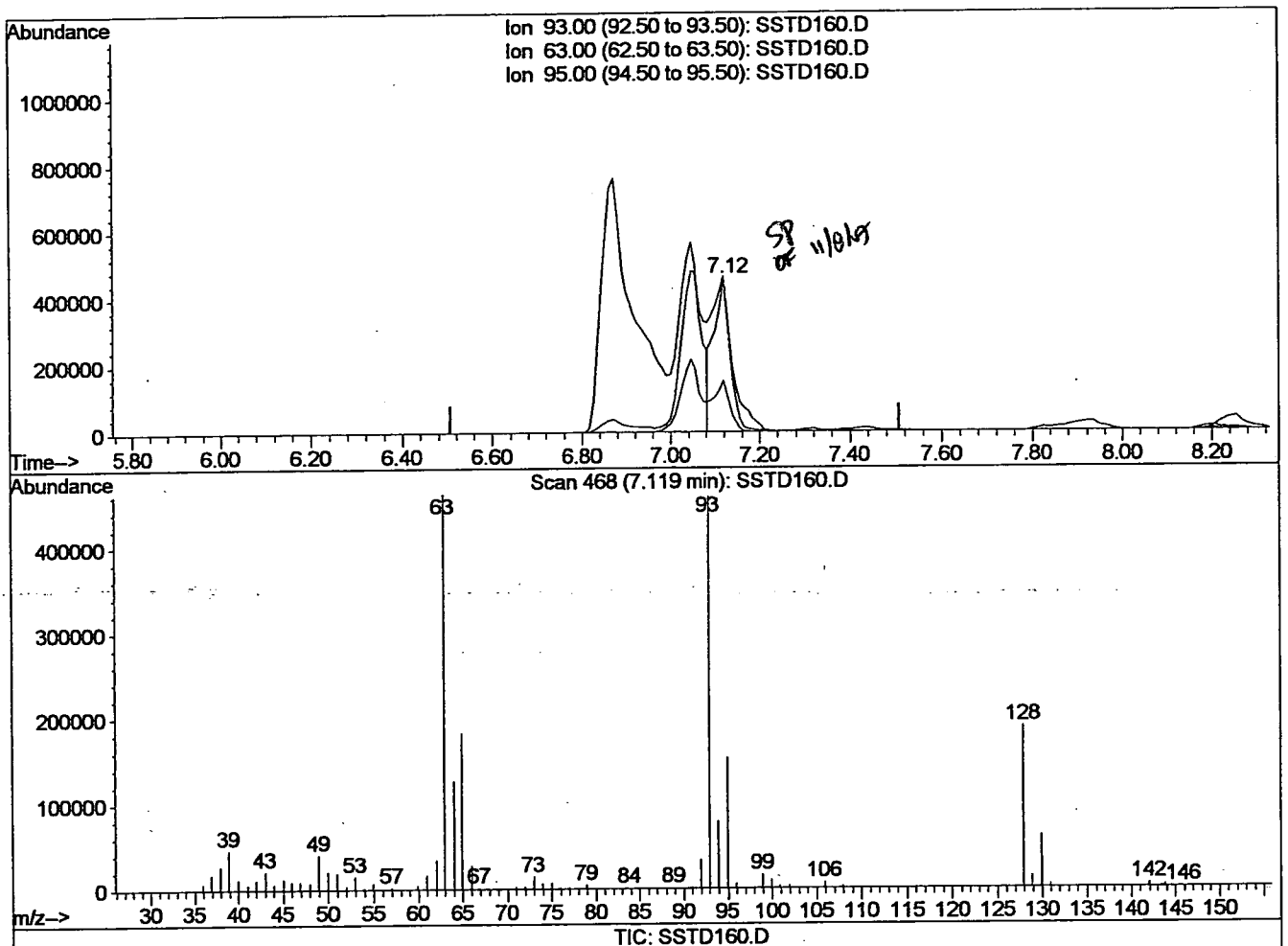


Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTE2N07P

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

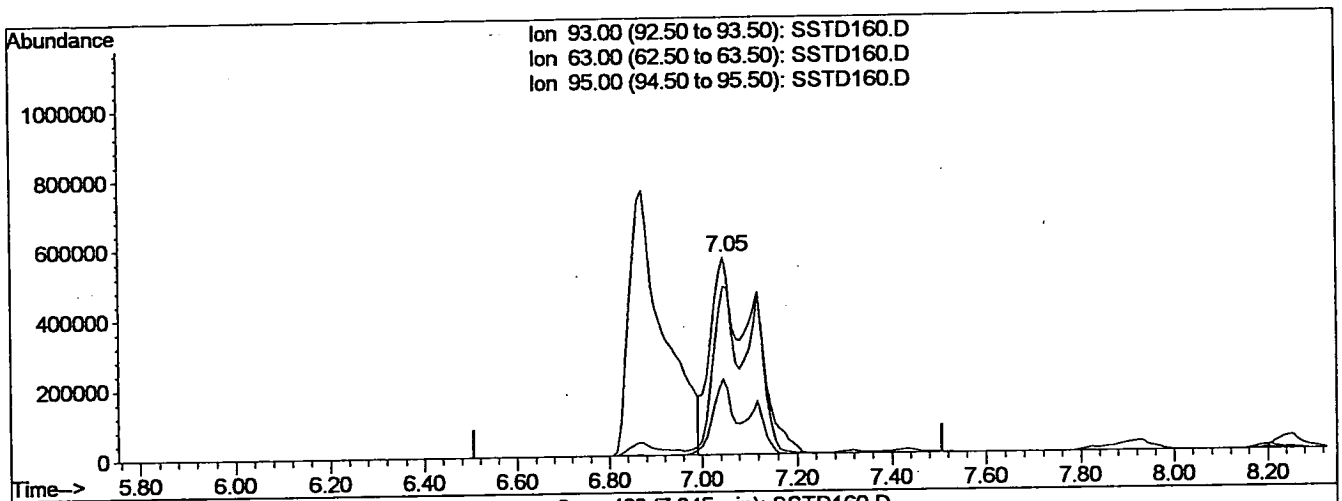
SSTD160.D H7K07SV.M Wed Nov 07 17:11:17 2007

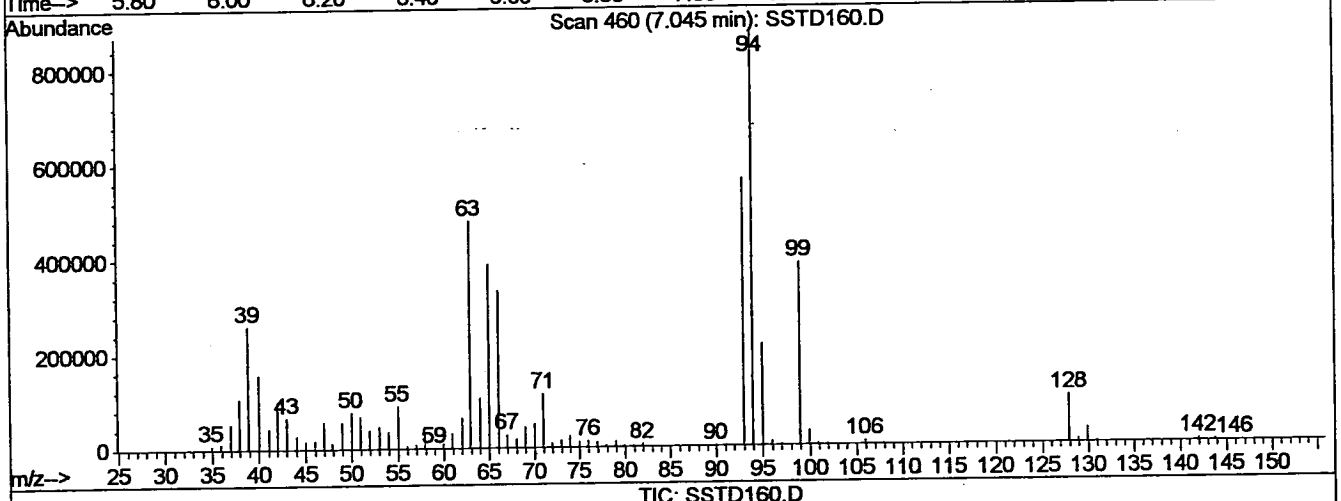
Quantitation Report

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
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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





TIC: SSTD160.D

(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

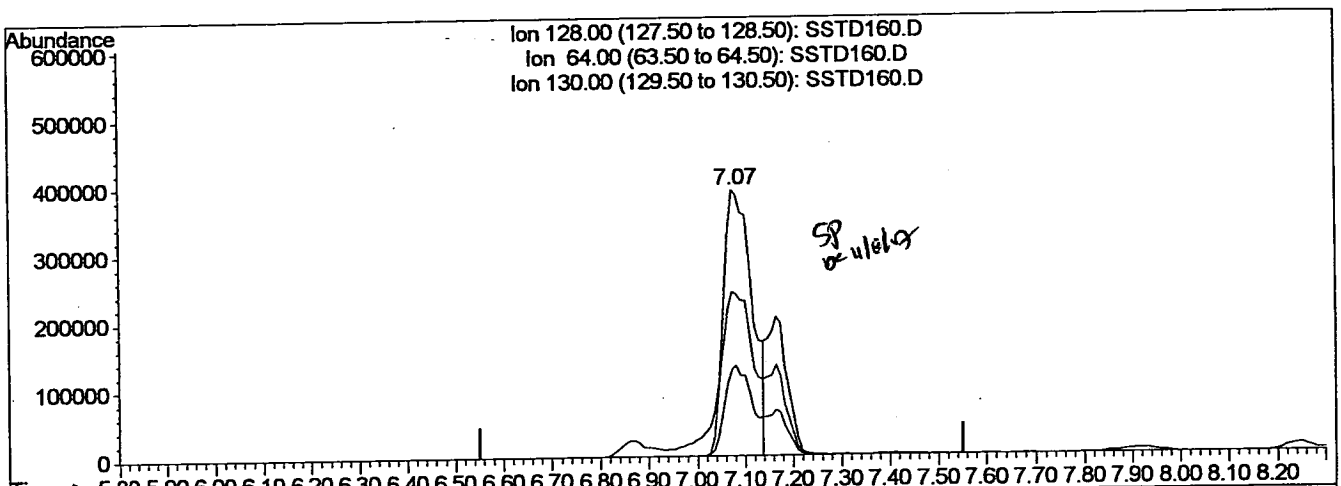
SSTD160.D H7K07SV.M Wed Nov 07 17:11:23 2007

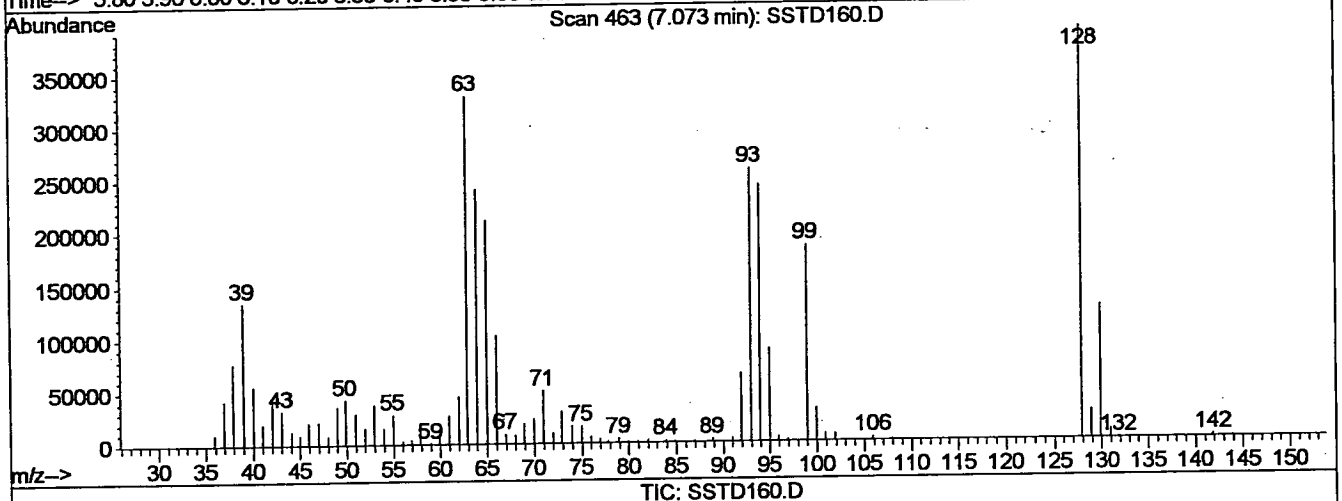
Quantitation Report

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
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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





(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

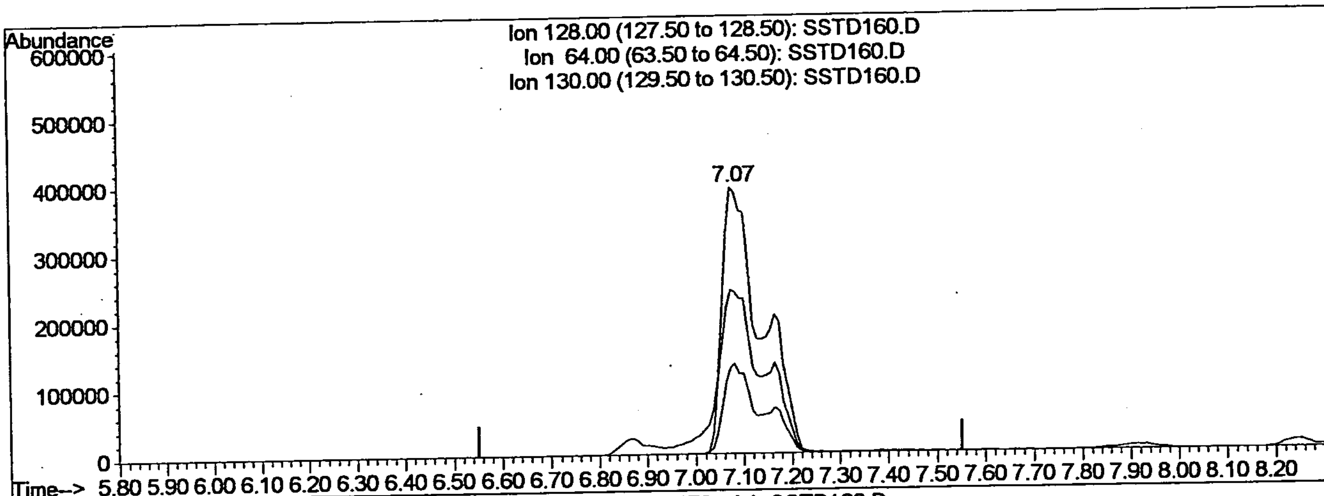
SSTD160.D H7K07SV.M Wed Nov 07 17:11:30 2007

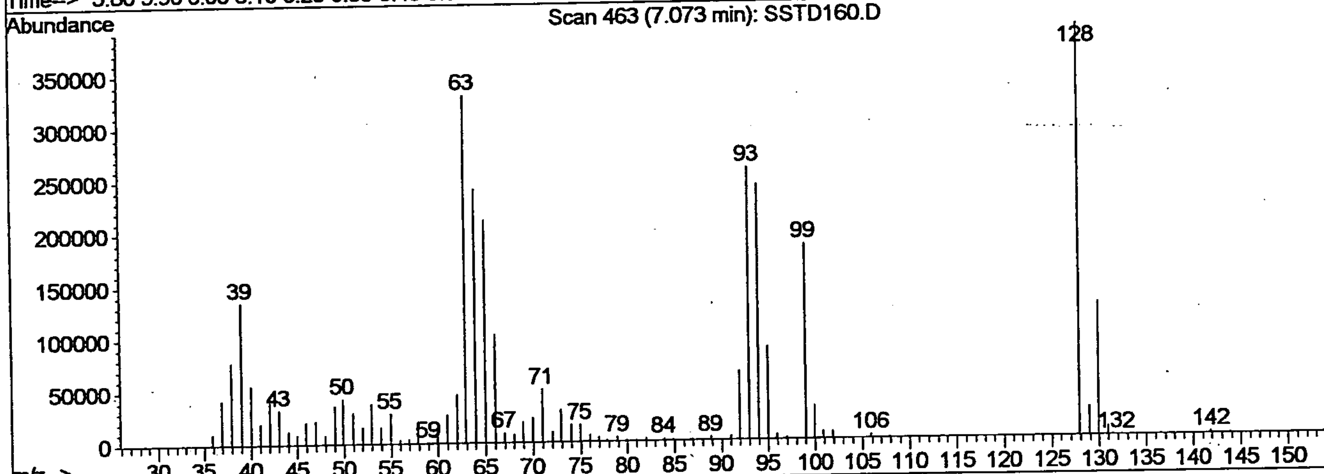
Quantitation Report

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
MS Integration Params: RTEINT.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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





TIC: SSTD160.D

(9) 2-Chlorophenol (M)

7.07min 161.91ppm m

response 2221788

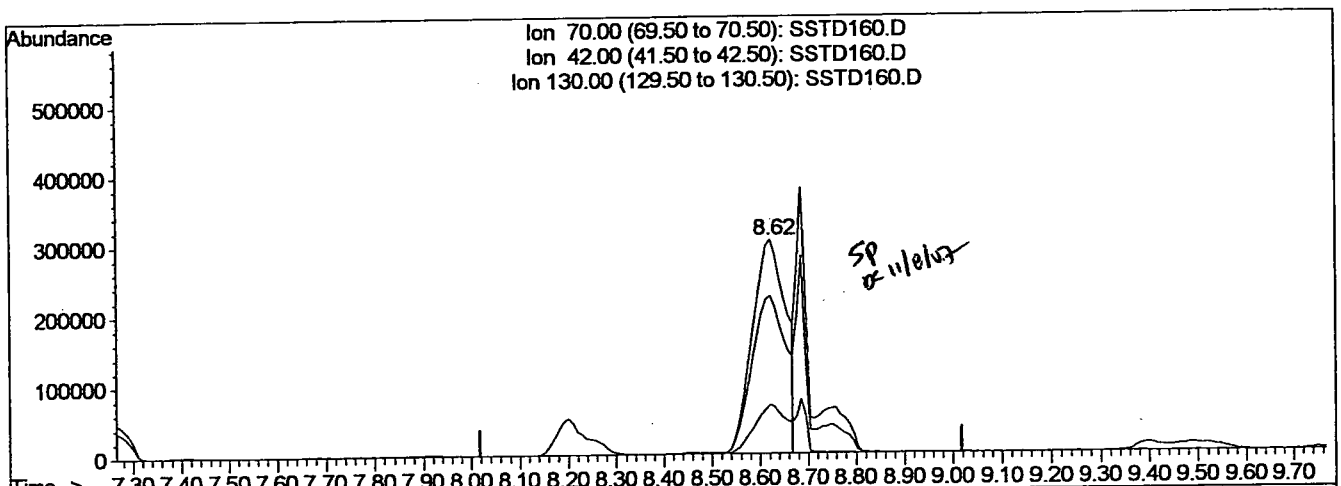
Ion	Exp%	Act%
128.00	100	100
64.00	67.50	54.33
130.00	32.20	23.90
0.00	0.00	0.00

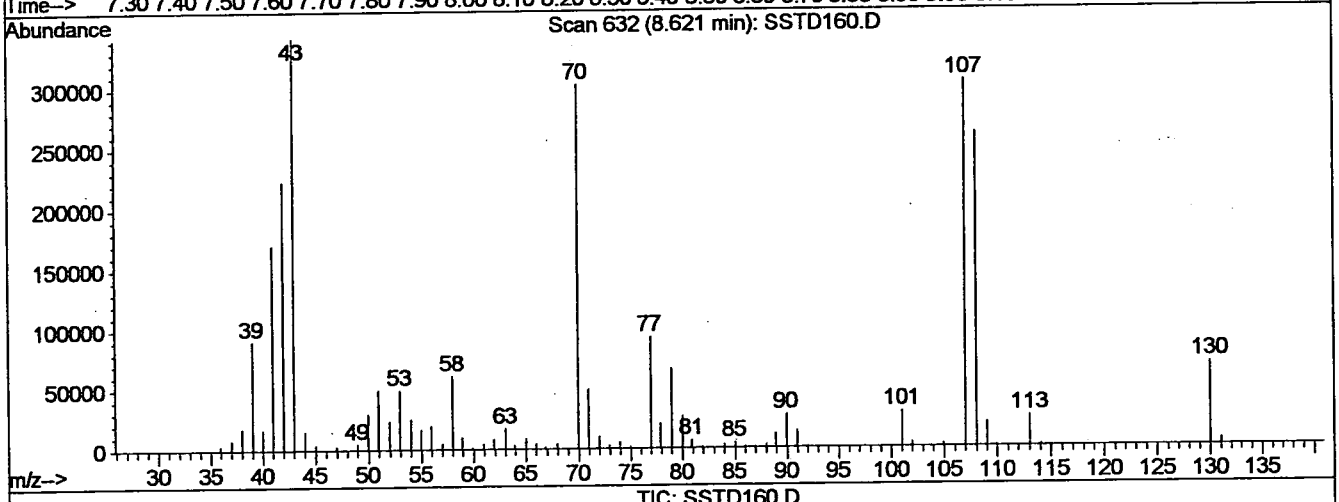
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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





TIC: SSTD160.D

(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

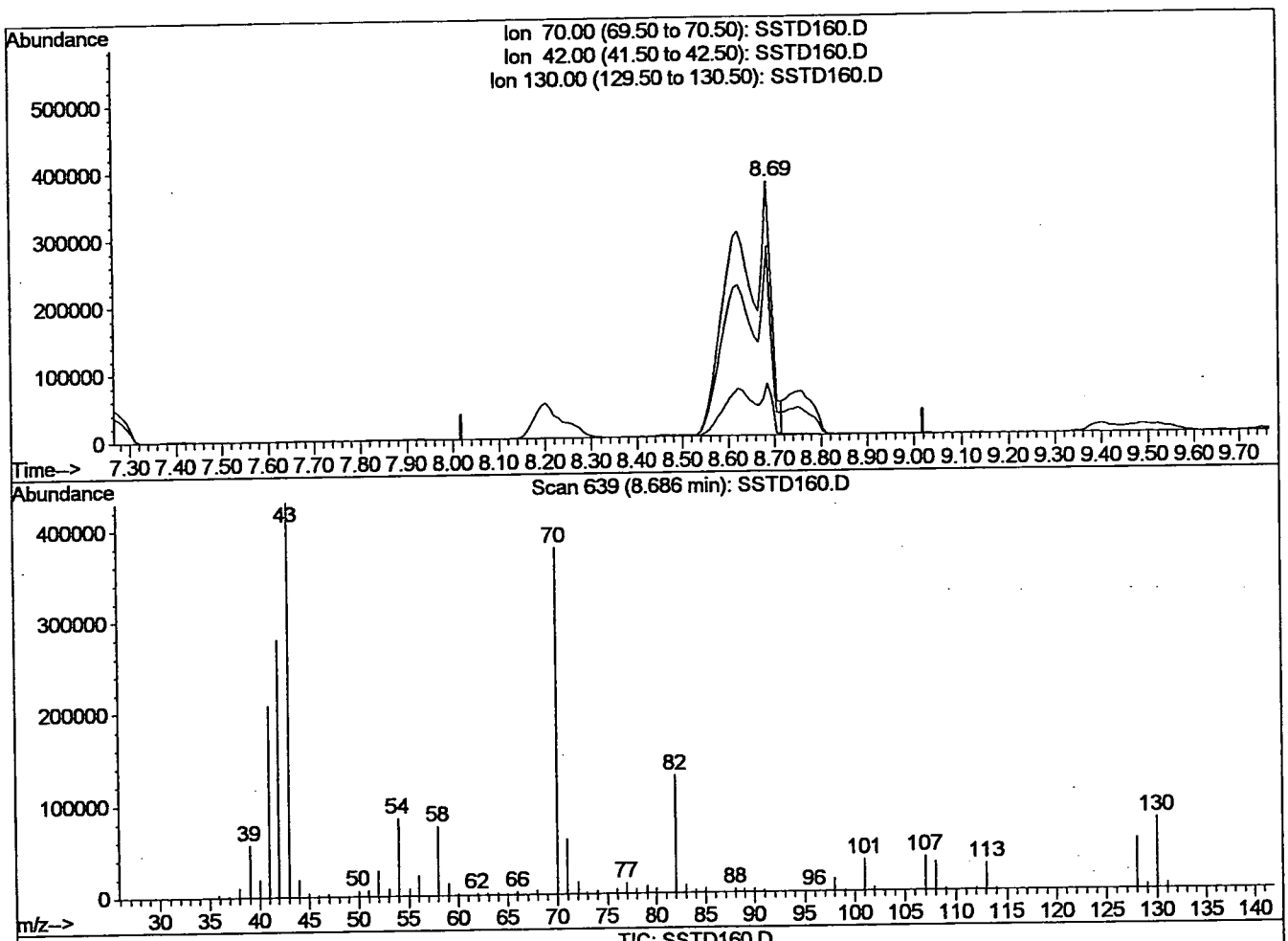
SSTD160.D H7K07SV.M Wed Nov 07 17:11:41 2007

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
[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

(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

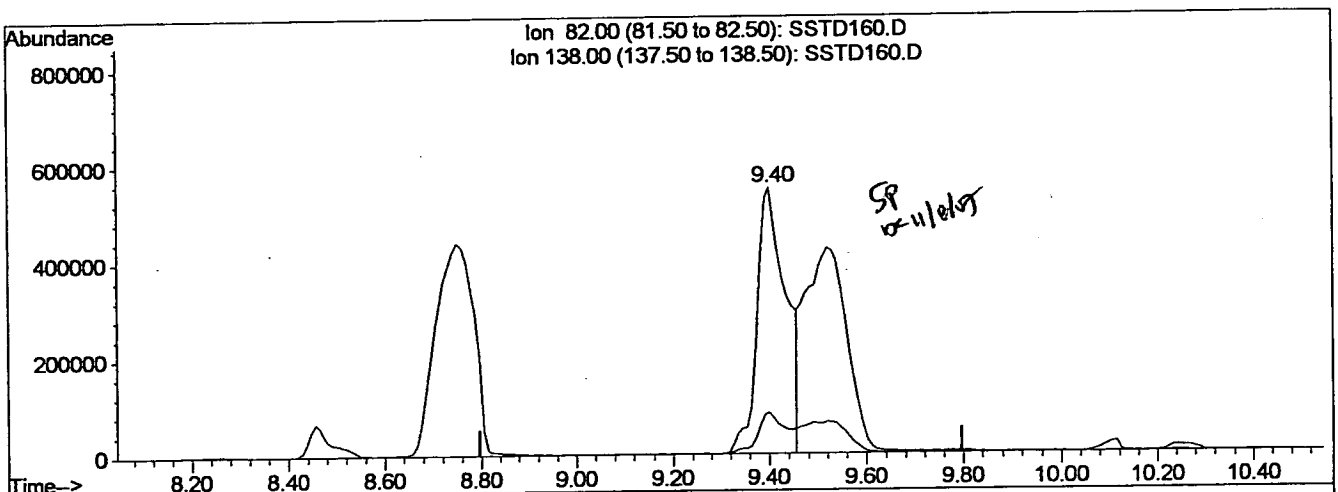
SSTD160.D H7K07SV.M Wed Nov 07 17:11:51 2007

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
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD160.D

(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

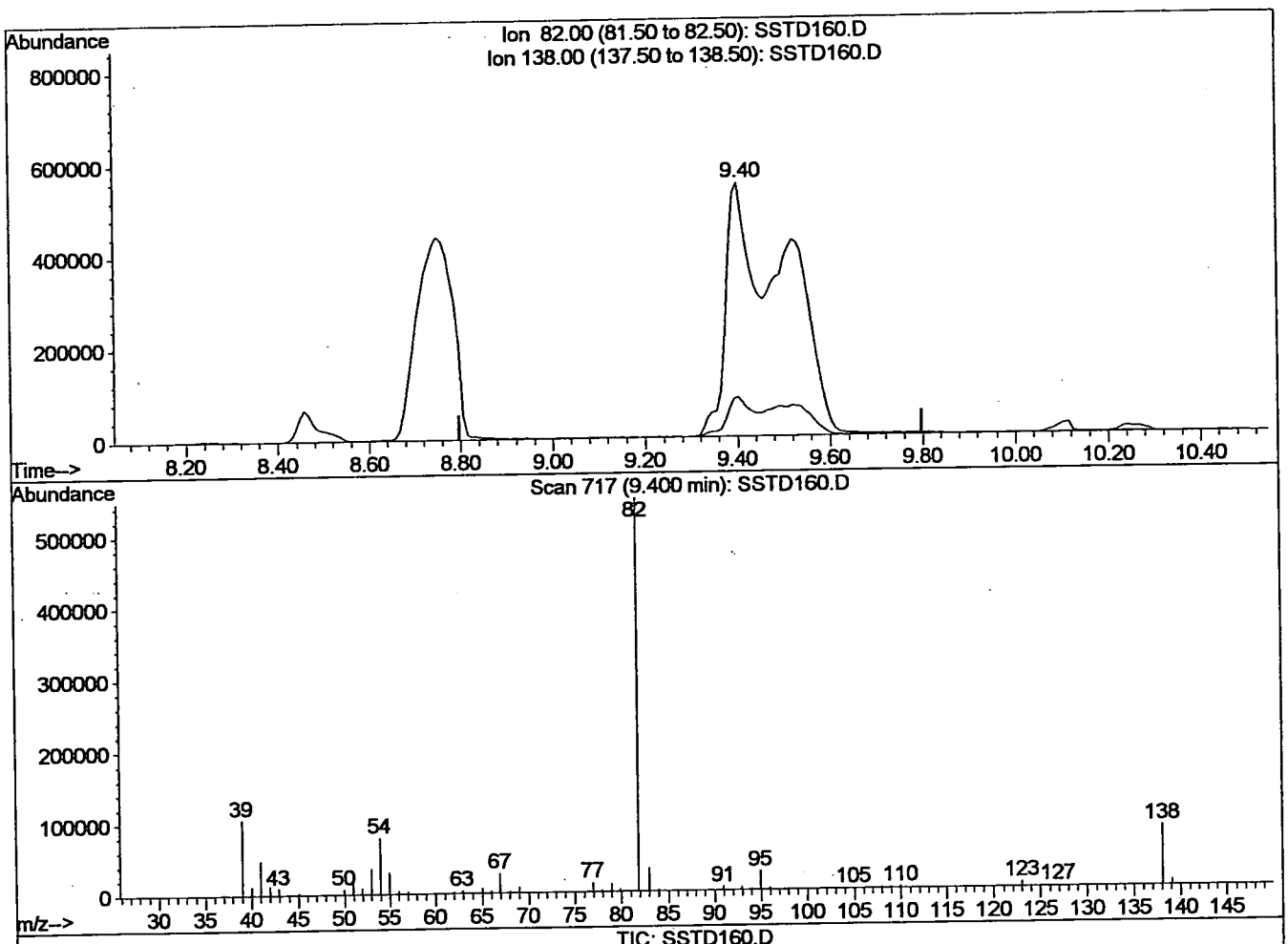
SSTD160.D H7K07SV.M Wed Nov 07 17:11:56 2007

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
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD160.D

(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

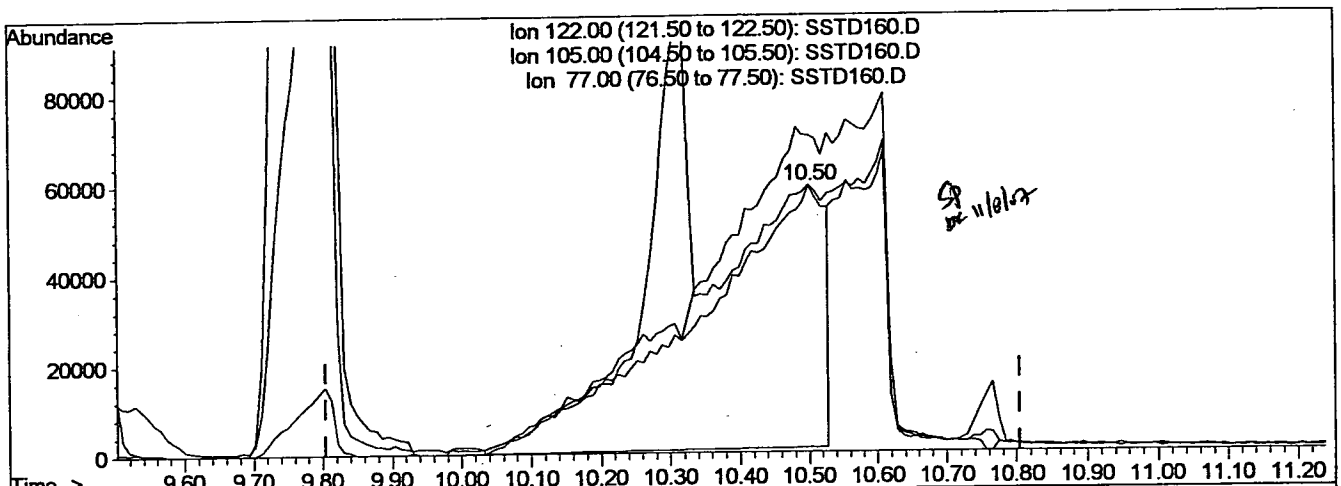
SSTD160.D H7K07SV.M Wed Nov 07 17:12:00 2007

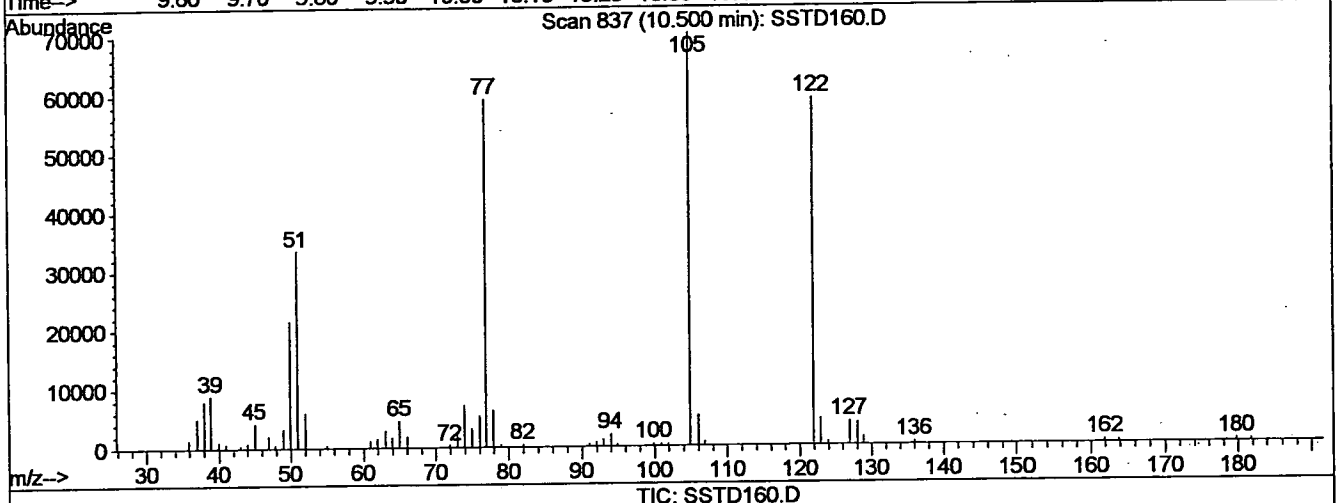
Quantitation Report

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
MS Integration Params: RTE.P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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





TIC: SSTD160.D

(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

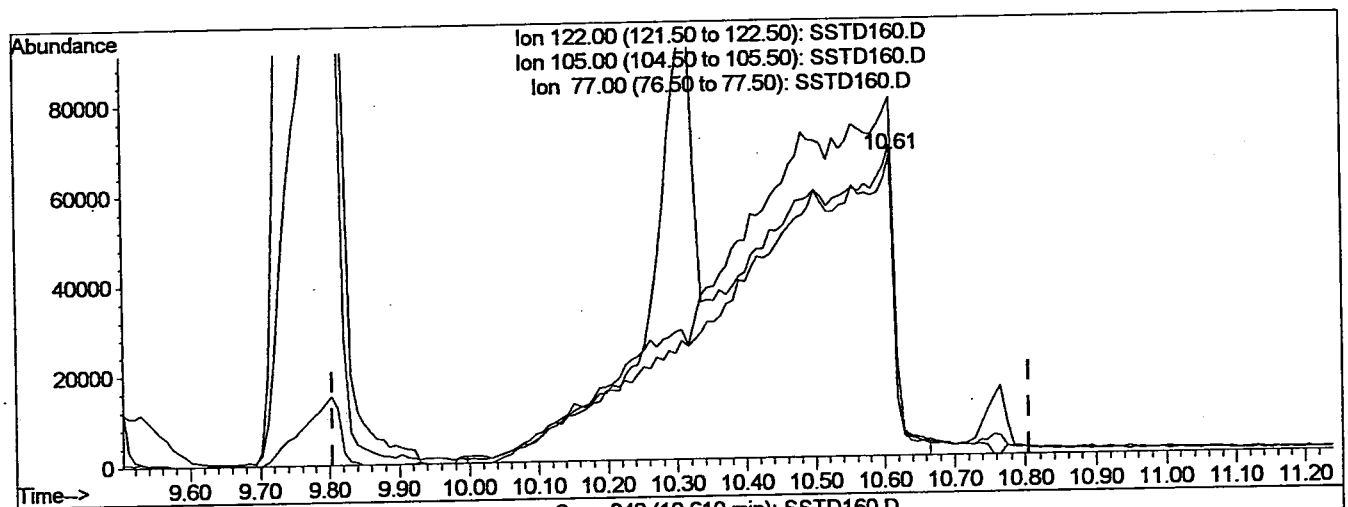
SSTD160.D H7K07SV.M Wed Nov 07 17:12:08 2007

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
MS Integration Params: RTE9N07P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD160.D

(29) Benzoic Acid (T)

10.61min 147.03ppm m

response 1095643

Ion	Exp%	Act%
122.00	100	100
105.00	119.20	82.62#
77.00	125.10	43.13#
0.00	0.00	0.00

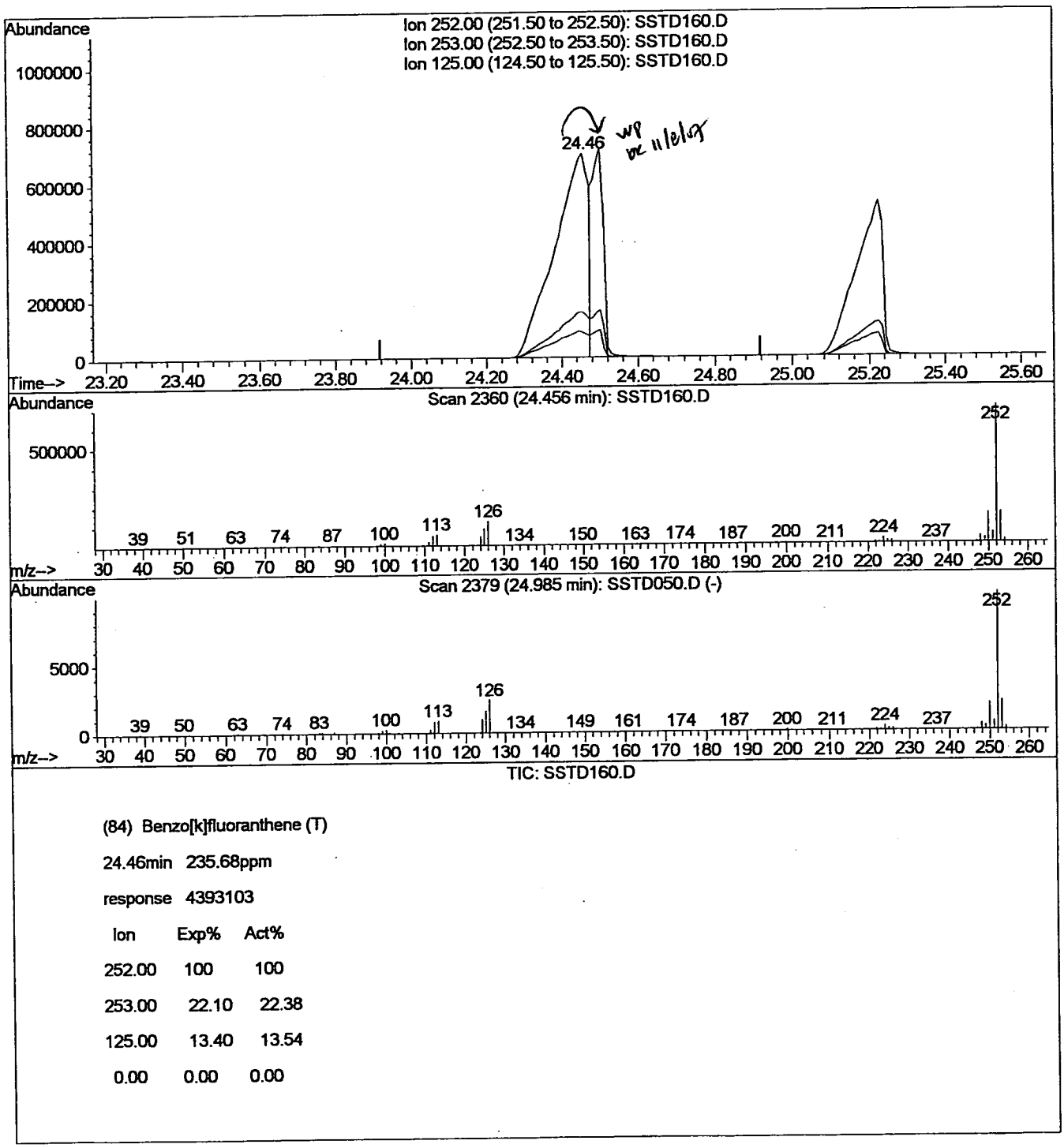
SSTD160.D H7K07SV.M Wed Nov 07 17:12:12 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTE2NOV07P

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

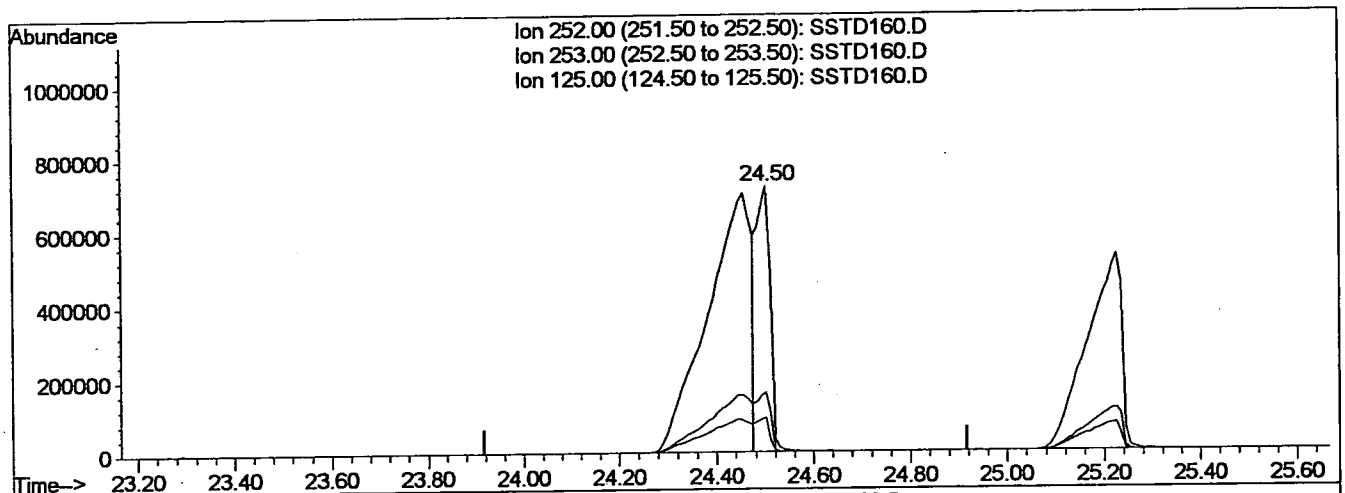
SSTD160.D H7K07SV.M Wed Nov 07 17:12:44 2007

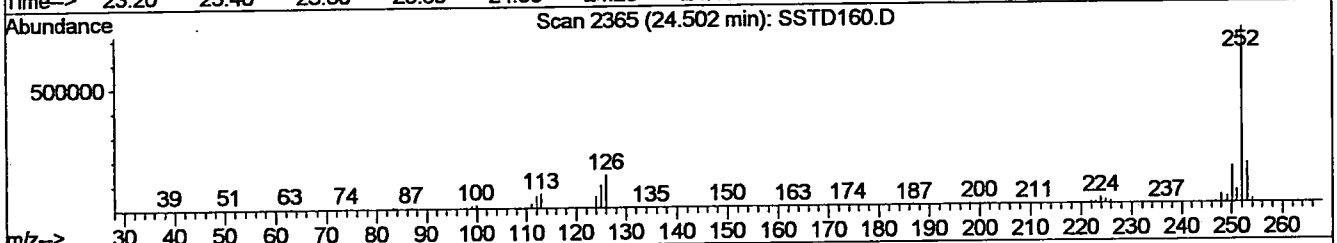
Quantitation Report

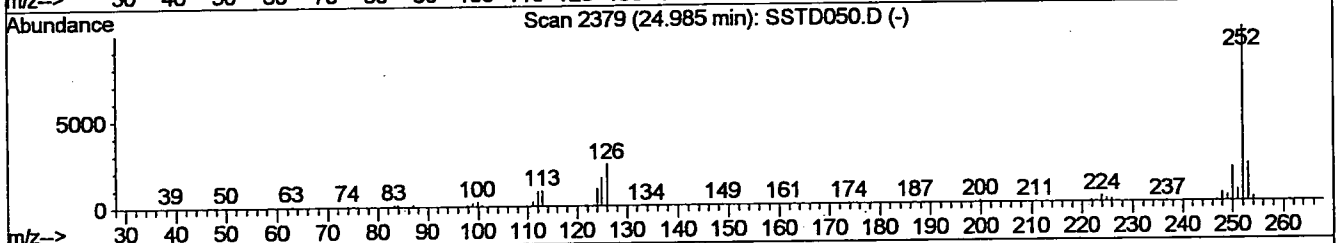
Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MSIntgrtn Params: RTE NOV07P

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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







TIC: SSTD160.D

(84) Benzo[k]fluoranthene (T)

24.50min 75.88ppm m

response 1414426

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	69.52#
125.00	13.40	42.07#
0.00	0.00	0.00

SSTD160.D H7K07SV.M Wed Nov 07 17:12:48 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.39	152	369942	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	10.24	136	1180661	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	14.36	164	605872	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	17.83	188	851636	40.00	ppm	0.07
71) Chrysene-d12 (IS)	22.34	240	617901	40.00	ppm	0.04
82) Perylene-d12 (IS)	25.34	264	580682	40.00	ppm	0.05
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.04	112	2683774	179.49	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 179.49%#			
7) Phenol-d6 (SU)	7.02	99	3142498	165.08	ppm	0.09
Spiked Amount 100.000	Range 40 - 120		Recovery = 165.08%#			
21) Nitrobenzene-d5 (SU)	8.75	82	2412335	171.97	ppm	0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 343.94%#			
40) 2-Fluorobiphenyl (SU)	12.91	172	2947802	142.08	ppm	0.05
Spiked Amount 50.000	Range 40 - 120		Recovery = 284.16%#			
62) 2,4,6-Tribromophenol (SU)	16.30	330	547530	202.27	ppm	0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 202.27%#			
74) Terphenyl-d14 (SU)	20.86	244	2355617	142.84	ppm	0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 285.68%#			

Target Compounds						Qvalue
3) Pyridine	2.96	79	3828542	180.22	ppm	# 13
4) n-Nitrosodimethylamine	3.06	74	2597956	178.55	ppm	97
5) bis(2-Chloroethyl)ether	7.12	93	1143794	65.40	ppm	95
6) Aniline	6.87	93	3935019	163.05	ppm	89
8) Phenol	7.05	94	3193397	159.98	ppm	# 68
9) 2-Chlorophenol	7.07	128	1621526	118.17	ppm	94
10) n-Decane	7.20	57	3927073	155.70	ppm	100
11) 1,3-Dichlorobenzene	7.32	146	1972423	148.33	ppm	88
12) 1,4-Dichlorobenzene	7.44	146	2474077	160.05	ppm	96
13) 1,2-Dichlorobenzene	7.82	146	2143374	157.54	ppm	97
14) Benzyl alcohol	7.92	108	1470945	171.70	ppm	98
15) bis(2-chloroisopropyl)ethe	8.20	45	6152855	160.71	ppm	99
16) 2-Methylphenol	8.25	107	1693098	163.31	ppm	99
17) Hexachloroethane	8.46	117	920323	162.07	ppm	98
18) N-Nitroso-di-n-propylamine	8.62	70	1469729	123.69	ppm	96
19) 4-Methylphenol	8.67	107	2240267	159.50	ppm	100
22) Nitrobenzene	8.80	77	2392286	166.00	ppm	98
23) Isophorone	9.40	82	2274404	82.72	ppm	96
24) 2-Nitrophenol	9.49	139	1343128	185.51	ppm	95

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25) 2,4-Dimethylphenol	9.80	122	1757751	163.82 ppm		97
26) bis(2-Chloroethoxy)methane	9.96	93	2762504	164.65 ppm		99
27) 2,4-Dichlorophenol	10.12	162	1503686	166.57 ppm		97
28) 1,2,4-Trichlorobenzene	10.17	180	1526692	157.13 ppm		99
29) Benzoic Acid	10.50	122	760578	104.45 ppm	#	72
30) Naphthalene	10.32	128	4311413	147.51 ppm		99
31) 4-Chloroaniline	10.59	127	2070833	163.07 ppm		97
32) Hexachlorobutadiene	10.77	225	771868	179.26 ppm		98
33) 4-Chloro-3-methylphenol	11.86	107	1571855	179.30 ppm	#	81
34) 2-Methylnaphthalene	11.92	141	2607882	158.32 ppm	#	84
35) 2,3-Dichloroaniline	12.71	161	1616395	169.70 ppm		99
37) Hexachlorocyclopentadiene	12.44	237	644159	181.10 ppm		99
38) 2,4,6-Trichlorophenol	12.74	196	965806	167.32 ppm		99
39) 2,4,5-Trichlorophenol	12.84	196	1032839	168.18 ppm		96
41) 2-Chloronaphthalene	13.06	162	2561536	146.53 ppm		97
42) 2-Nitroaniline	13.50	65	1301440	162.88 ppm		96
43) 1,3-Dinitrobenzene	14.08	168	601755	165.90 ppm	#	50
44) Acenaphthylene	14.00	152	3902448	154.41 ppm		99
45) Dimethylphthalate	14.12	163	3109106	154.62 ppm		99
46) 2,6-Dinitrotoluene	14.23	165	839963	166.63 ppm		92
47) Acenaphthene	14.47	154	2429617	149.28 ppm		99
48) 3-Nitroaniline	14.53	138	865173	180.42 ppm		97
49) 2,4-Dinitrophenol	14.75	184	594930	170.72 ppm		95
50) Dibenzofuran	14.85	168	3483902	152.98 ppm		94
51) 2,4-Dinitrotoluene	15.13	165	1080686	182.75 ppm		94
52) 4-Nitrophenol	15.12	109	343007	212.11 ppm	#	83
53) Fluorene	15.66	166	2814318	154.25 ppm		99
54) 4-Chlorophenyl-phenylether	15.74	204	1424349	163.93 ppm		97
55) Diethylphthalate	15.81	149	2824415	152.92 ppm		100
56) Azobenzene	16.13	77	3697882	147.23 ppm	#	90
57) 4-Nitroaniline	16.08	138	792212	191.21 ppm		92
58) n-Octadecane	17.89	57	2354367	146.02 ppm		99
60) 4,6-Dinitro-2-methylphenol	16.10	198	666421	155.16 ppm		86
61) n-Nitrosodiphenylamine	16.12	169	1773215	137.73 ppm		95
63) 4-Bromophenyl-phenylether	16.86	248	890594	167.58 ppm		99
64) Hexachlorobenzene	17.13	284	1012344	179.85 ppm		99
65) Pentachlorophenol	17.63	266	721132	216.14 ppm		98
66) Phenanthrene	17.89	178	3374154	139.89 ppm		99
67) Anthracene	18.00	178	3378839	140.26 ppm		99
68) Carbazole	18.44	167	3116213	166.70 ppm		98
69) Di-n-butylphthalate	19.38	149	4903837	145.54 ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	20.18	202	3726588	167.30 ppm	100
72) Pyrene	20.52	202	3579246	132.59 ppm	100
73) 2,2'-Dichlorobenzil	20.73	139	2776881	139.45 ppm	97
75) Benzidine	20.47	184	1042671	130.56 ppm	99
76) Butylbenzylphthalate	21.66	149	2068050	145.61 ppm	98
77) 3,3'-Dichlorobenzidine	22.36	252	1139013	198.68 ppm	99
78) Benzo[a]anthracene	22.31	228	3117772	161.70 ppm	99
79) Chrysene	22.40	228	2593101	146.53 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.59	149	2416454	137.33 ppm	98
81) Di-n-octylphthalate	23.77	149	3753739	163.91 ppm	100
83) Benzo[b]fluoranthene	24.46	252	4393103	215.18 ppm	98
84) Benzo[k]fluoranthene	24.46	252	4393103	235.68 ppm	99
85) Benzo[a]pyrene	25.23	252	2654320	158.32 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.83	276	2587113	179.48 ppm	99
87) Dibenz[a,h]anthracene	27.90	278	2383465	164.01 ppm	96
88) Benzo[g,h,i]perylene	28.41	276	2305985	155.07 ppm	97

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

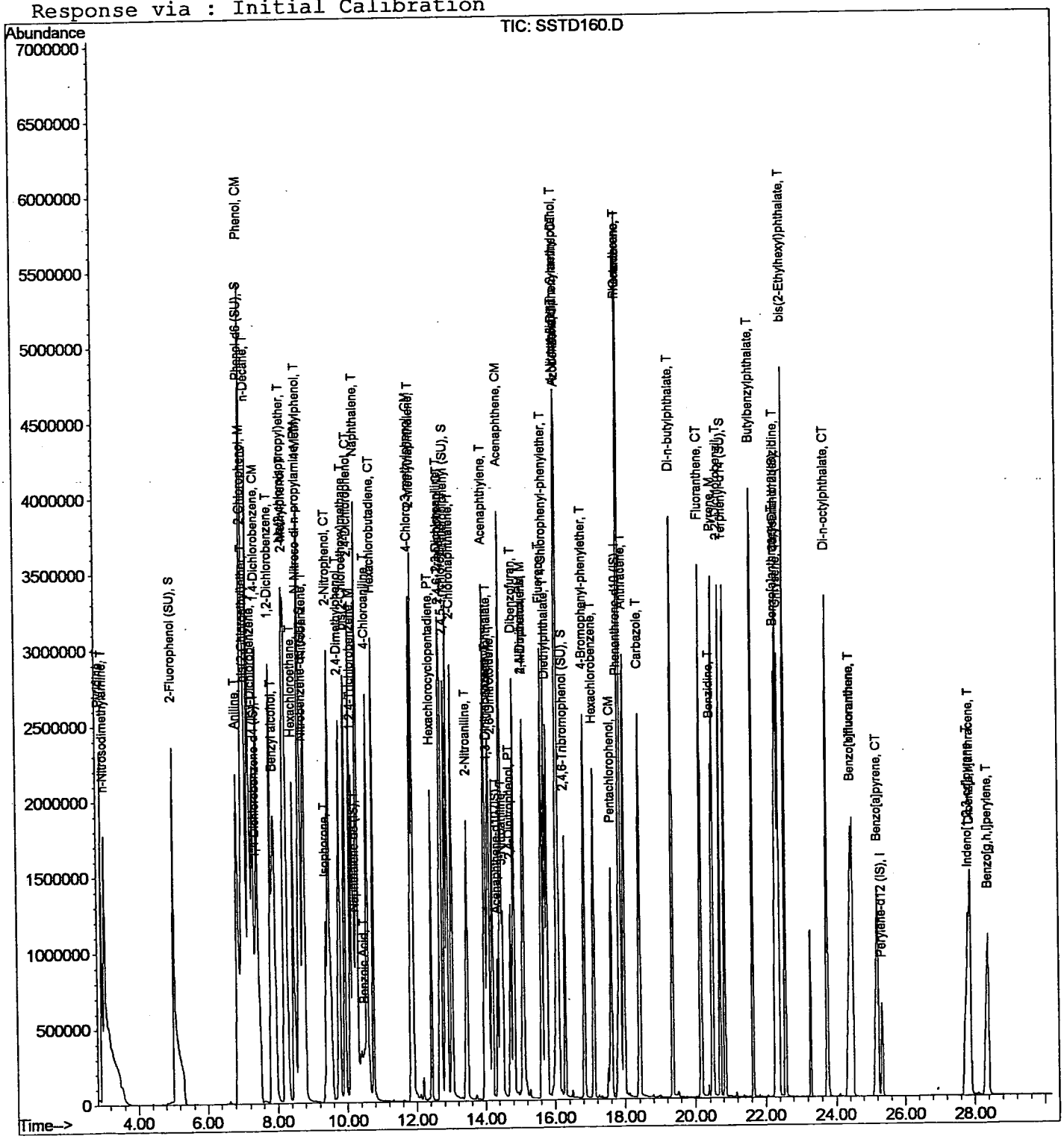
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD160.D
Acq On : 7 Nov 2007 3:56 pm
Sample : 160ppm BNA STD# 7100434
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:10 19107

Vial: 7
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.36	152	521735	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.20	136	1737366	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	14.33	164	892948	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1240394	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	966024	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.27	264	839156	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	35755	1.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery =	1.70%#		
7) Phenol-d6 (SU)	6.92	99	50648	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery =	1.89%#		
21) Nitrobenzene-d5 (SU)	8.67	82	40112	1.94	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery =	3.88%#		
40) 2-Fluorobiphenyl (SU)	12.83	172	66077	2.16	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery =	4.32%#		
62) 2,4,6-Tribromophenol (SU)	16.21	330	7229	2.11	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	2.11%#		
74) Terphenyl-d14 (SU)	20.81	244	50265	1.95	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery =	3.90%#		
Target Compounds						Qvalue
3) Pyridine	2.98	79	48612	1.62	ppm	# 74
4) n-Nitrosodimethylamine	3.06	74	32922	1.60	ppm	# 74
5) bis(2-Chloroethyl)ether	7.00	93	50674	2.05	ppm	92
6) Aniline	6.84	93	64683	1.90	ppm	100
8) Phenol	6.95	94	55516	1.97	ppm	96
9) 2-Chlorophenol	7.04	128	37550	1.94	ppm	97
10) n-Decane	7.16	57	72751	2.05	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	37342	1.99	ppm	94
12) 1,4-Dichlorobenzene	7.40	146	44514m	2.04	ppm	
13) 1,2-Dichlorobenzene	7.79	146	38239	1.99	ppm	98
14) Benzyl alcohol	7.82	108	21829	1.81	ppm	98
15) bis(2-chloroisopropyl)ethe	8.17	45	112089	2.08	ppm	98
16) 2-Methylphenol	8.19	107	29670	2.03	ppm	98
17) Hexachloroethane	8.44	117	15724	1.96	ppm	93
18) N-Nitroso-di-n-propylamine	8.48	70	32101	1.92	ppm	95
19) 4-Methylphenol	8.53	107	40989	2.07	ppm	99
22) Nitrobenzene	8.71	77	44162	2.08	ppm	94
23) Isophorone	9.26	82	81432	2.01	ppm	98
24) 2-Nitrophenol	9.43	139	18828	1.77	ppm	92

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.68	122	29327	1.86	ppm		97
26) bis(2-Chloroethoxy)methane	9.86	93	49143	1.99	ppm		99
27) 2,4-Dichlorophenol	10.01	162	26567	2.00	ppm		95
28) 1,2,4-Trichlorobenzene	10.13	180	29499	2.06	ppm		97
30) Naphthalene	10.24	128	88949	2.07	ppm		100
31) 4-Chloroaniline	10.52	127	35132	1.88	ppm		98
32) Hexachlorobutadiene	10.73	225	14972	2.36	ppm		99
33) 4-Chloro-3-methylphenol	11.79	107	23586	1.83	ppm		95
34) 2-Methylnaphthalene	11.85	141	52267	2.16	ppm		96
35) 2,3-Dichloroaniline	12.64	161	31249	2.23	ppm		95
37) Hexachlorocyclopentadiene	12.42	237	6164	3.98	ppm	#	89
38) 2,4,6-Trichlorophenol	12.66	196	16286	1.91	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	17373	1.92	ppm		96
41) 2-Chloronaphthalene	12.97	162	54459	2.11	ppm		98
42) 2-Nitroaniline	13.38	65	17665	5.07	ppm		95
43) 1,3-Dinitrobenzene	13.94	168	6467	2.79	ppm	#	28
44) Acenaphthylene	13.93	152	78877	2.12	ppm		98
45) Dimethylphthalate	13.97	163	63011	2.13	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	14679	1.98	ppm		97
47) Acenaphthene	14.38	154	50396	2.10	ppm		98
48) 3-Nitroaniline	14.38	138	12014	1.70	ppm		97
50) Dibenzofuran	14.77	168	74098	2.21	ppm		98
51) 2,4-Dinitrotoluene	14.98	165	15480	1.78	ppm		97
52) 4-Nitrophenol	15.03	109	1336	1.76	ppm	#	1
53) Fluorene	15.56	166	60282	2.24	ppm		97
54) 4-Chlorophenyl-phenylether	15.67	204	29450	2.30	ppm		99
55) Diethylphthalate	15.66	149	61068	2.24	ppm		98
56) Azobenzene	16.01	77	83846	2.27	ppm		99
57) 4-Nitroaniline	15.82	138	11295	0.85	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.90	198	5235	2.90	ppm	#	79
61) n-Nitrosodiphenylamine	15.99	169	38379	2.05	ppm		98
63) 4-Bromophenyl-phenylether	16.79	248	15775	2.04	ppm		95
64) Hexachlorobenzene	17.04	284	19623	2.39	ppm		97
65) Pentachlorophenol	17.54	266	4233	0.87	ppm		93
66) Phenanthrene	17.79	178	75947	2.16	ppm		99
67) Anthracene	17.89	178	77605	2.21	ppm		99
68) Carbazole	18.35	167	65121	2.39	ppm		97
69) Di-n-butylphthalate	19.32	149	108162	2.20	ppm		99
70) Fluoranthene	20.11	202	80750	2.49	ppm		99
72) Pyrene	20.46	202	82184	1.95	ppm		99
73) 2,2'-Dichlorobenzil	20.68	139	49008	1.57	ppm		99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) Benzidine	20.43	184	22837	3.31	ppm		97
76) Butylbenzylphthalate	21.61	149	42173	1.90	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	18936	2.11	ppm		97
78) Benzo[a]anthracene	22.24	228	62284	2.07	ppm		99
79) Chrysene	22.32	228	61049	2.21	ppm		98
80) bis(2-Ethylhexyl)phthalate	22.55	149	52639	1.91	ppm		98
81) Di-n-octylphthalate	23.69	149	67012	1.87	ppm	#	96
83) Benzo[b]fluoranthene	24.29	252	52260m	1.77	ppm		
84) Benzo[k]fluoranthene	24.34	252	59540	2.21	ppm		96
85) Benzo[a]pyrene	25.07	252	48397	2.00	ppm		98
86) Indeno[1,2,3-cd]pyrene	27.67	276	38484	1.85	ppm		96
87) Dibenz[a,h]anthracene	27.74	278	40714	1.94	ppm		95
88) Benzo[g,h,i]perylene	28.23	276	43913	2.04	ppm		96

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

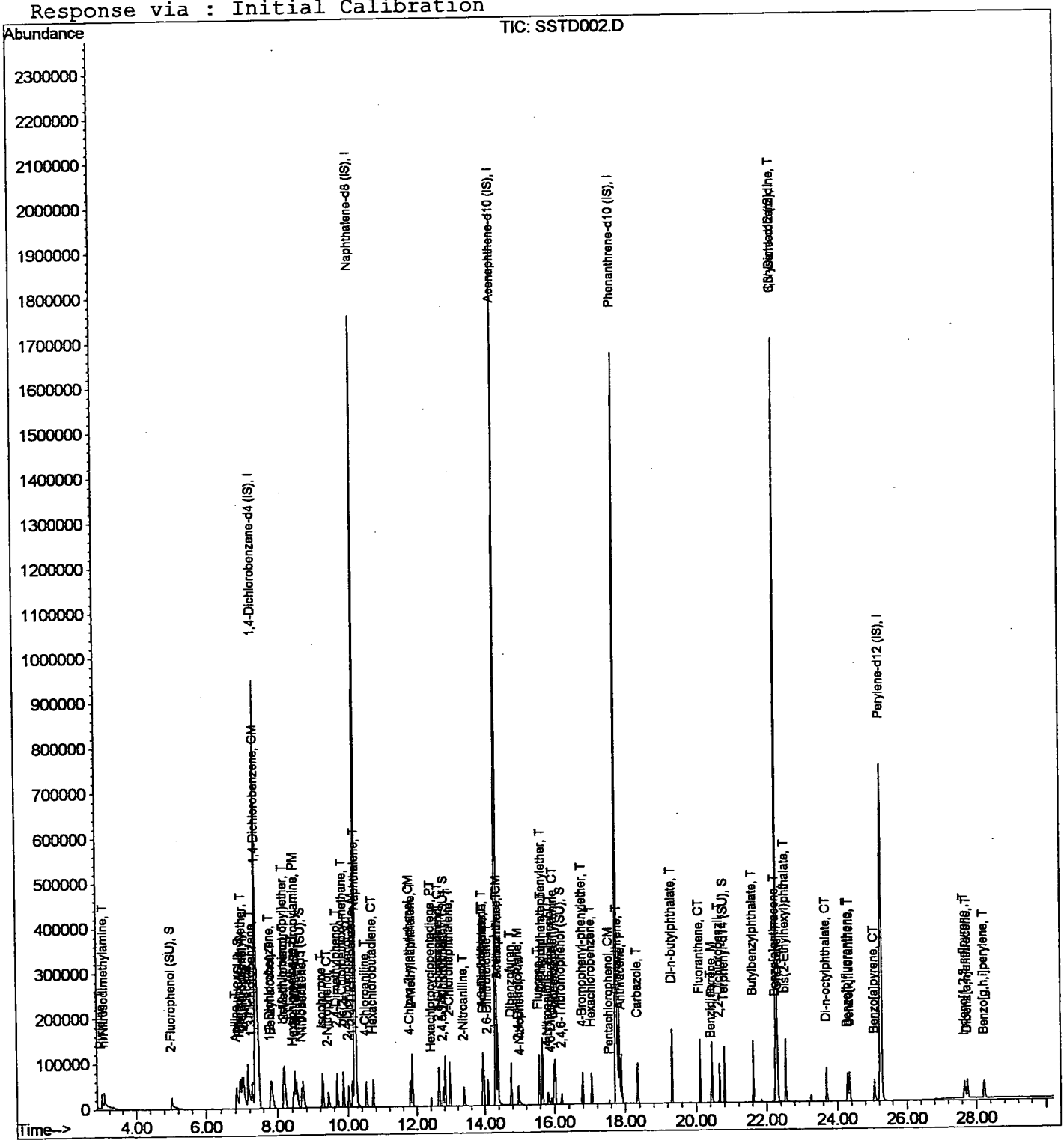
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:14 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

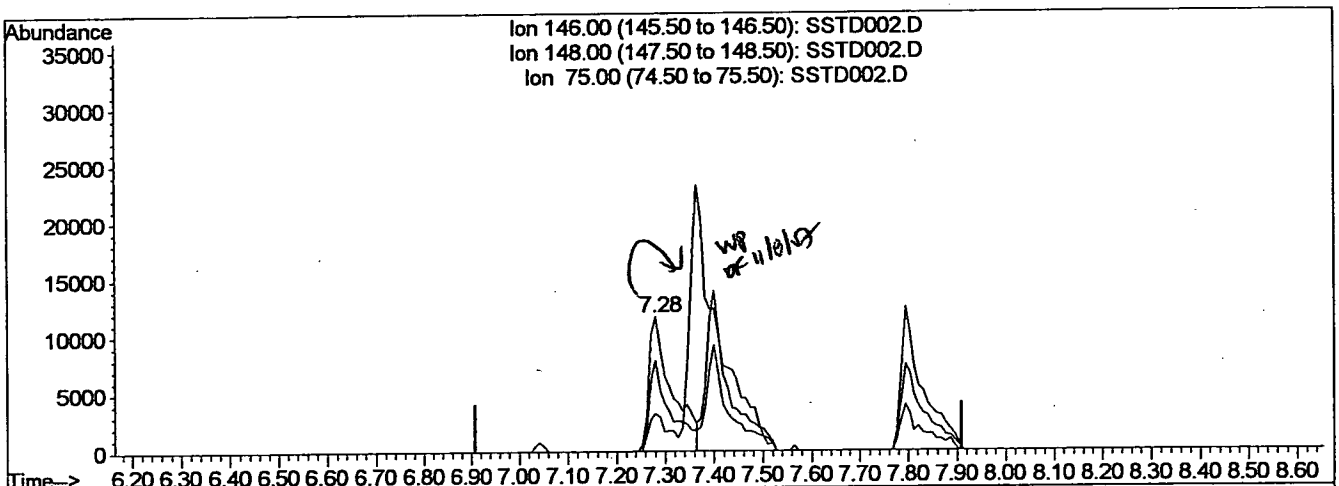


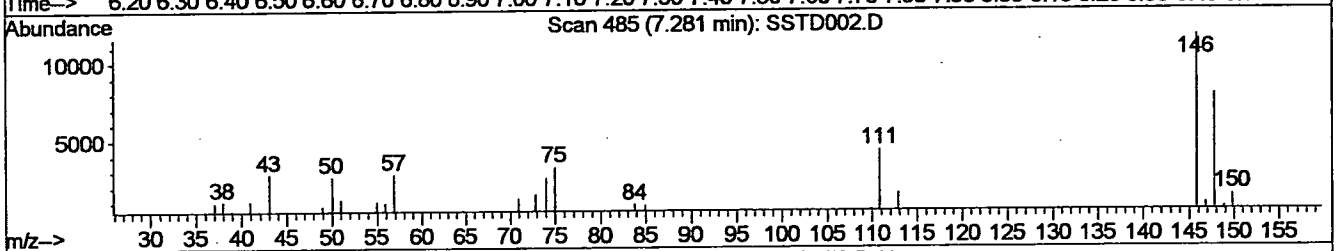
Quantitation Report

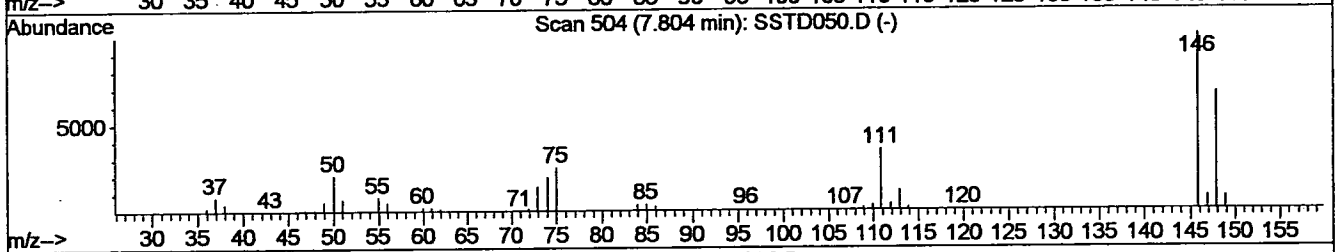
Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MSIntegrationParams: RTE2NOV07P

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

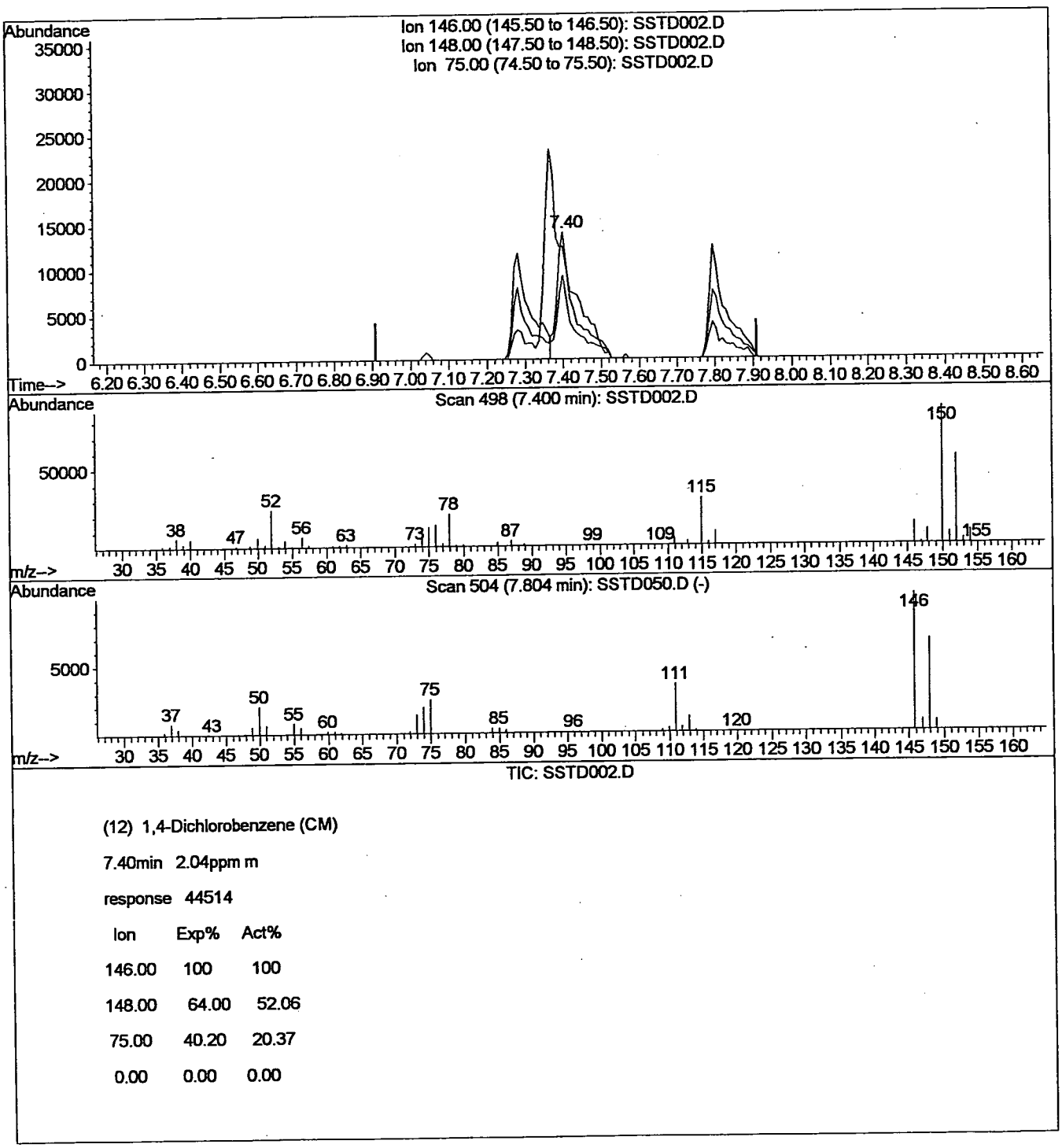
SSTD002.D H7K07SV.M Wed Nov 07 17:13:46 2007

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
Quant Method : C:\GCMS8\METHODS\H7NOV07P

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

7.40min 2.04ppm m

response 44514

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	52.06
75.00	40.20	20.37
0.00	0.00	0.00

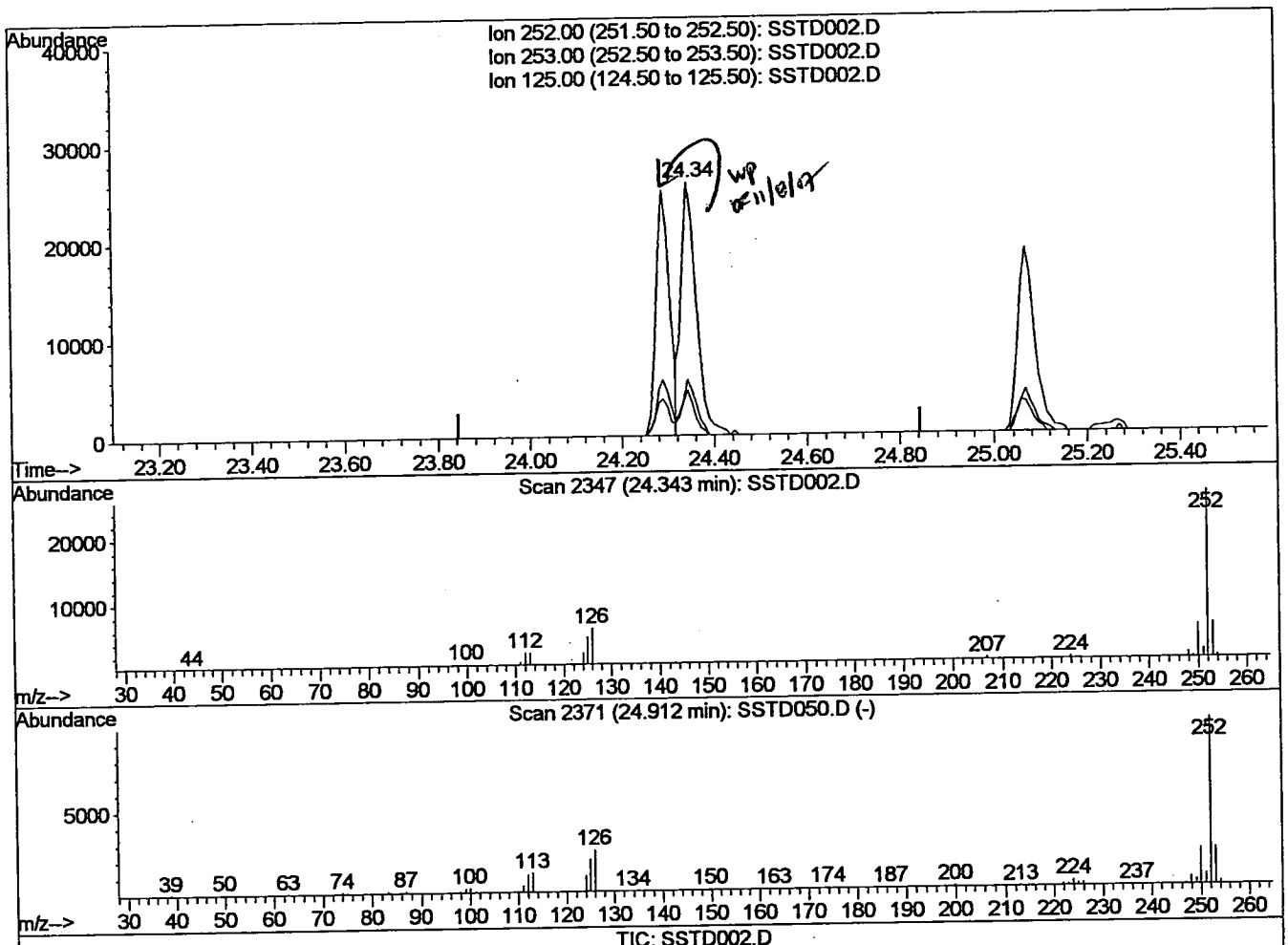
SSTD002.D H7K07SV.M Wed Nov 07 17:13:51 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MSIntgrtn Params: RTE107P

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

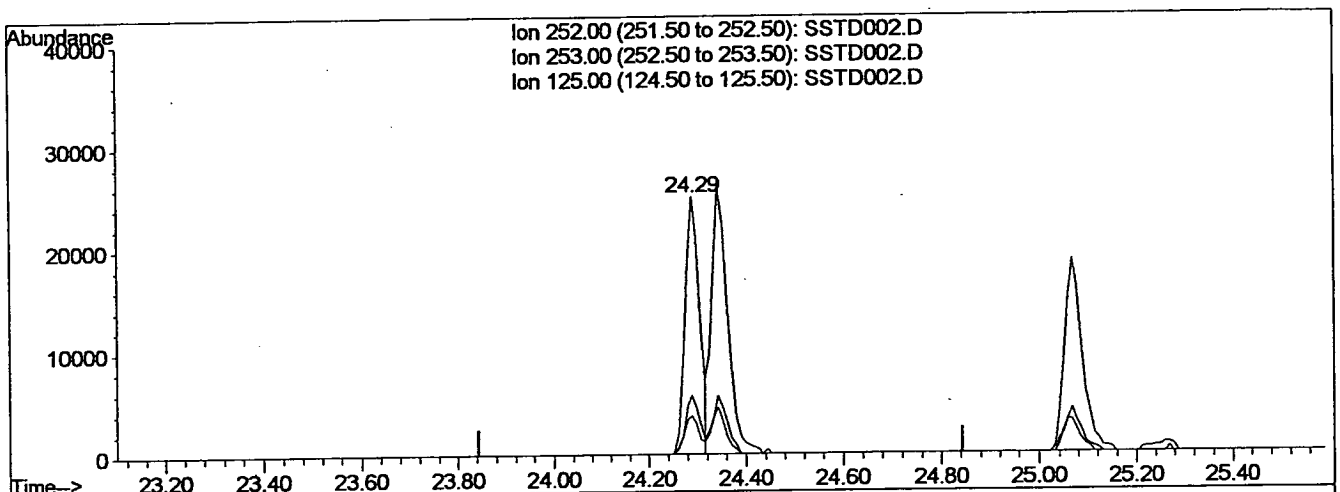
SSTD002.D H7K07SV.M Wed Nov 07 17:14:35 2007

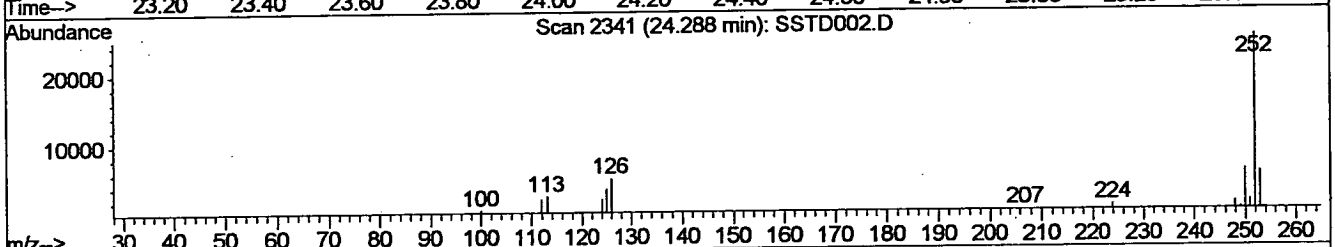
Quantitation Report

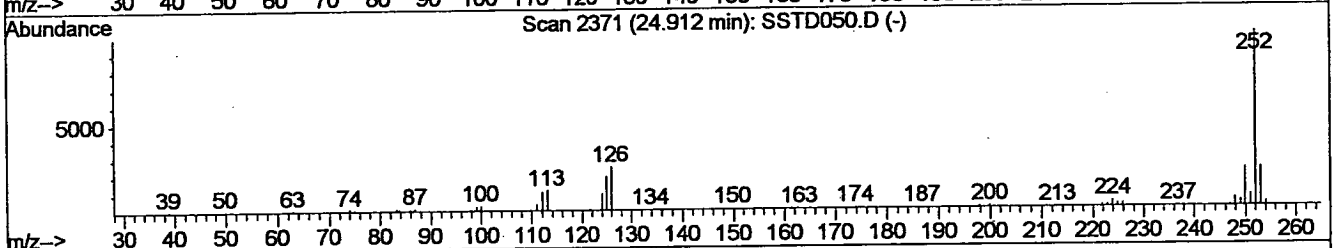
Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTE.P

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00
Quant Results File: temp.res

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







TIC: SSTD002.D

(83) Benzo[b]fluoranthene (T)

24.29min 1.77ppm m

response 52260

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.67
125.00	14.80	17.17
0.00	0.00	0.00

SSTD002.D H7K07SV.M Wed Nov 07 17:14:40 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.36	152	521735	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.20	136	1737366	40.00	ppm	-0.02
36) Acenaphthene-d10 (IS)	14.33	164	892948	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.75	188	1240394	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.29	240	966024	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.27	264	839156	40.00	ppm	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.02	112	35755	1.70	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 1.70%#			
7) Phenol-d6 (SU)	6.92	99	50648	1.89	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 1.89%#			
21) Nitrobenzene-d5 (SU)	8.67	82	40112	1.94	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 3.88%#			
40) 2-Fluorobiphenyl (SU)	12.83	172	66077	2.16	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 4.32%#			
62) 2,4,6-Tribromophenol (SU)	16.21	330	7229	2.11	ppm	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.11%#			
74) Terphenyl-d14 (SU)	20.81	244	50265	1.95	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 3.90%#			
Target Compounds						Qvalue
3) Pyridine	2.98	79	48612	1.62	ppm	# 74
4) n-Nitrosodimethylamine	3.06	74	32922	1.60	ppm	# 74
5) bis(2-Chloroethyl)ether	7.00	93	50674	2.05	ppm	92
6) Aniline	6.84	93	64683	1.90	ppm	100
8) Phenol	6.95	94	55516	1.97	ppm	96
9) 2-Chlorophenol	7.04	128	37550	1.94	ppm	97
10) n-Decane	7.16	57	72751	2.05	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	37342	1.99	ppm	94
12) 1,4-Dichlorobenzene	7.28	146	37342	1.71	ppm	89
13) 1,2-Dichlorobenzene	7.79	146	38239	1.99	ppm	98
14) Benzyl alcohol	7.82	108	21829	1.81	ppm	98
15) bis(2-chloroisopropyl)ethe	8.17	45	112089	2.08	ppm	98
16) 2-Methylphenol	8.19	107	29670	2.03	ppm	98
17) Hexachloroethane	8.44	117	15724	1.96	ppm	93
18) N-Nitroso-di-n-propylamine	8.48	70	32101	1.92	ppm	95
19) 4-Methylphenol	8.53	107	40989	2.07	ppm	99
22) Nitrobenzene	8.71	77	44162	2.08	ppm	94
23) Isophorone	9.26	82	81432	2.01	ppm	98
24) 2-Nitrophenol	9.43	139	18828	1.77	ppm	92

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.68	122	29327	1.86	ppm		97
26) bis(2-Chloroethoxy)methane	9.86	93	49143	1.99	ppm		99
27) 2,4-Dichlorophenol	10.01	162	26567	2.00	ppm		95
28) 1,2,4-Trichlorobenzene	10.13	180	29499	2.06	ppm		97
30) Naphthalene	10.24	128	88949	2.07	ppm		100
31) 4-Chloroaniline	10.52	127	35132	1.88	ppm		98
32) Hexachlorobutadiene	10.73	225	14972	2.36	ppm		99
33) 4-Chloro-3-methylphenol	11.79	107	23586	1.83	ppm		95
34) 2-Methylnaphthalene	11.85	141	52267	2.16	ppm		96
35) 2,3-Dichloroaniline	12.64	161	31249	2.23	ppm		95
37) Hexachlorocyclopentadiene	12.42	237	6164	3.98	ppm	#	89
38) 2,4,6-Trichlorophenol	12.66	196	16286	1.91	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	17373	1.92	ppm		96
41) 2-Chloronaphthalene	12.97	162	54459	2.11	ppm		98
42) 2-Nitroaniline	13.38	65	17665	5.07	ppm		95
43) 1,3-Dinitrobenzene	13.94	168	6467	2.79	ppm	#	28
44) Acenaphthylene	13.93	152	78877	2.12	ppm		98
45) Dimethylphthalate	13.97	163	63011	2.13	ppm		99
46) 2,6-Dinitrotoluene	14.08	165	14679	1.98	ppm		97
47) Acenaphthene	14.38	154	50396	2.10	ppm		98
48) 3-Nitroaniline	14.38	138	12014	1.70	ppm		97
50) Dibenzofuran	14.77	168	74098	2.21	ppm		98
51) 2,4-Dinitrotoluene	14.98	165	15480	1.78	ppm		97
52) 4-Nitrophenol	15.03	109	1336	1.76	ppm	#	1
53) Fluorene	15.56	166	60282	2.24	ppm		97
54) 4-Chlorophenyl-phenylether	15.67	204	29450	2.30	ppm		99
55) Diethylphthalate	15.66	149	61068	2.24	ppm		98
56) Azobenzene	16.01	77	83846	2.27	ppm		99
57) 4-Nitroaniline	15.82	138	11295	0.85	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.90	198	5235	2.90	ppm	#	79
61) n-Nitrosodiphenylamine	15.99	169	38379	2.05	ppm		98
63) 4-Bromophenyl-phenylether	16.79	248	15775	2.04	ppm		95
64) Hexachlorobenzene	17.04	284	19623	2.39	ppm		97
65) Pentachlorophenol	17.54	266	4233	0.87	ppm		93
66) Phenanthrene	17.79	178	75947	2.16	ppm		99
67) Anthracene	17.89	178	77605	2.21	ppm		99
68) Carbazole	18.35	167	65121	2.39	ppm		97
69) Di-n-butylphthalate	19.32	149	108162	2.20	ppm		99
70) Fluoranthene	20.11	202	80750	2.49	ppm		99
72) Pyrene	20.46	202	82184	1.95	ppm		99
73) 2,2'-Dichlorobenzil	20.68	139	49008	1.57	ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) Benzidine	20.43	184	22837	3.31	ppm		97
76) Butylbenzylphthalate	21.61	149	42173	1.90	ppm		97
77) 3,3'-Dichlorobenzidine	22.29	252	18936	2.11	ppm		97
78) Benzo[a]anthracene	22.24	228	62284	2.07	ppm		99
79) Chrysene	22.32	228	61049	2.21	ppm		98
80) bis(2-Ethylhexyl)phthalate	22.55	149	52639	1.91	ppm		98
81) Di-n-octylphthalate	23.69	149	67012	1.87	ppm	#	96
83) Benzo[b]fluoranthene	24.34	252	59540	2.02	ppm		97
84) Benzo[k]fluoranthene	24.34	252	59540	2.21	ppm		96
85) Benzo[a]pyrene	25.07	252	48397	2.00	ppm		98
86) Indeno[1,2,3-cd]pyrene	27.67	276	38484	1.85	ppm		96
87) Dibenz[a,h]anthracene	27.74	278	40714	1.94	ppm		95
88) Benzo[g,h,i]perylene	28.23	276	43913	2.04	ppm		96

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

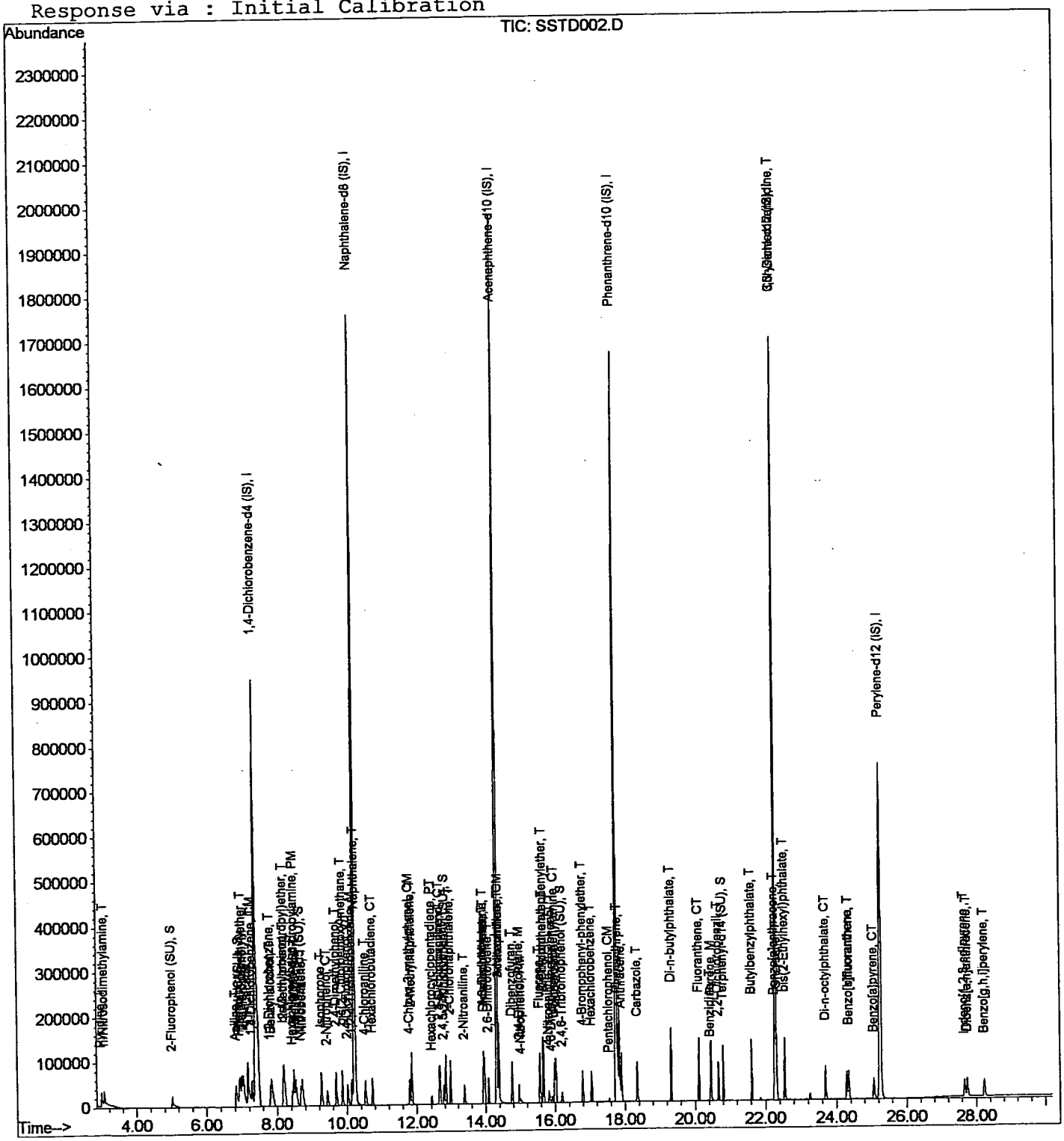
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\SSTD002.D
Acq On : 7 Nov 2007 4:32 pm
Sample : 2ppm BNA STD# 7100427
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 7 17:13 19107

Vial: 8
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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



CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**LCS050.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 ICAL**
Date Acquired:	**11/ 7/20 -1:5:**	Method	~~**H7J19SV**~~ H7K07SV.M CB 11-19-07

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	51.24	-2.49
1,4-Dichlorobenzene	50	49.74	0.52
2-Nitrophenol	50	52.77	-5.55
2,4-Dichlorophenol	50	52.26	-4.52
Hexachlorobutadiene	50	51.03	-2.06
4-Chloro-3-methylphenol	50	52.43	-4.87
2,4,6-Trichlorophenol	50	53.43	-6.87
Acenaphthene	50	50.41	-0.82
n-Nitrosodiphenylamine	50	50.32	-0.64
Pentachlorophenol	50	55.30	-10.60
Fluoranthene	50	50.90	-1.80
Di-n-octylphthalate	50	52.71	-5.43
Benzo[a]pyrene	50	54.69	-9.37

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.261
Hexachlorocyclopentadiene	0.05	0.326
2,4-Dinitrophenol	0.05	0.225
4-Nitrophenol	0.05	0.129

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: LCS050.D
Date: 11/ 7/20 -1:5:
Matrix: 8270/625 ICAL

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	52.23	104	(70-130)
n-Nitrosodimethylamine	50	50.23	100	(80-120)
bis(2-Chloroethyl)ether	50	47.50	95	(80-120)
Aniline	50	51.48	103	(80-120)
2-Chlorophenol	50	51.28	103	(80-120)
n-Decane	50	49.94	100	(80-120)
1,3-Dichlorobenzene	50	51.93	104	(80-120)
1,2-Dichlorobenzene	50	50.81	102	(80-120)
Benzyl alcohol	50	52.09	104	(70-130)
bis(2-chloroisopropyl)ether	50	51.35	103	(80-120)
2-Methylphenol	50	51.22	102	(80-120)
Hexachloroethane	50	50.55	101	(80-120)
N-Nitroso-di-n-propylamine	50	50.41	101	(80-120)
4-Methylphenol	50	51.71	103	(80-120)
Nitrobenzene	50	51.70	103	(80-120)
Isophorone	50	52.77	106	(80-120)
2,4-Dimethylphenol	50	49.89	100	(80-120)
bis(2-Chloroethoxy)methane	50	49.80	100	(80-120)
1,2,4-Trichlorobenzene	50	51.09	102	(80-120)
Benzoic Acid	50	48.67	97	(75-125)
Naphthalene	50	50.40	101	(80-120)
4-Chloroaniline	50	51.24	102	(80-120)
2-Methylnaphthalene	50	51.11	102	(80-120)
2,3-Dichloroaniline	50	52.41	105	(80-120)
Hexachlorocyclopentadiene	50	61.74	123	(70-130)
2,4,5-Trichlorophenol	50	54.26	109	(80-120)
2-Chloronaphthalene	50	51.48	103	(80-120)
2-Nitroaniline	50	54.61	109	(80-130)
1,3-Dinitrobenzene	50	58.57	117	(80-120)
Acenaphthylene	50	56.80	114	(80-120)
Dimethylphthalate	50	50.56	101	(80-120)
2,6-Dinitrotoluene	50	52.50	105	(80-120)
3-Nitroaniline	50	53.26	107	(70-140)
2,4-Dinitrophenol	50	51.90	104	(60-140)
Dibenzofuran	50	51.18	102	(80-120)
2,4-Dinitrotoluene	50	53.73	107	(70-140)

4-Nitrophenol	50	51.14	102	(60-135)
Fluorene	50	51.00	102	(80-120)
4-Chlorophenyl-phenylether	50	49.52	99	(80-120)
Diethylphthalate	50	49.35	99	(65-120)
Azobenzene	50	49.88	100	(80-120)
4-Nitroaniline	50	55.39	111	(60-160)
n-Octadecane	50	49.24	98	(80-120)
4,6-Dinitro-2-methylphenol	50	57.73	115	(80-120)
4-Bromophenyl-phenylether	50	50.62	101	(75-125)
Hexachlorobenzene	50	50.61	101	(70-120)
Phenanthrene	50	49.54	99	(80-120)
Anthracene	50	49.12	98	(80-120)
Carbazole	50	48.96	98	(70-120)
Di-n-butylphthalate	50	50.02	100	(80-120)
Pyrene	50	49.68	99	(60-120)
2,2'-Dichlorobenzil	50	51.92	104	(80-120)
Benzidine	50	43.21	86	(30-180)
Butylbenzylphthalate	50	49.74	99	(80-120)
3,3'-Dichlorobenzidine	50	54.02	108	(50-170)
Benzo[a]anthracene	50	51.27	103	(80-120)
Chrysene	50	49.73	99	(80-120)
bis(2-Ethylhexyl)phthalate	50	49.50	99	(75-125)
Benzo[b]fluoranthene	50	49.05	98	(80-120)
Benzo[k]fluoranthene	50	49.28	99	(80-120)
Indeno[1,2,3-cd]pyrene	50	49.81	100	(50-150)
Dibenz[a,h]anthracene	50	52.06	104	(60-160)
Benzo[g,h,i]perylene	50	48.93	98	(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.81	102	(80-120)
Phenol-d6 (SU)	50	50.75	101	(80-120)
Nitrobenzene-d5 (SU)	25	24.80	99	(80-120)
2-Fluorobiphenyl (SU)	25	25.07	100	(80-120)
2,4,6-Tribromophenol (SU)	50	54.66	109	(80-120)
Terphenyl-d14 (SU)	25	25.28	101	(70-130)

*Denotes values out of expected range.

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.38	152	477085	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	10.23	136	1515673	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	14.34	164	769624	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	17.77	188	1105922	40.00	ppm	0.00
71) Chrysene-d12 (IS)	22.30	240	827825	40.00	ppm	0.00
82) Perylene-d12 (IS)	25.29	264	768234	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.01	112	927763	50.81	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.81%			
7) Phenol-d6 (SU)	6.95	99	1201169	50.75	ppm	0.01
Spiked Amount 100.000	Range 40 - 120		Recovery = 50.75%			
21) Nitrobenzene-d5 (SU)	8.69	82	457453	24.80	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 49.60%			
40) 2-Fluorobiphenyl (SU)	12.86	172	657639	25.07	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 50.14%			
62) 2,4,6-Tribromophenol (SU)	16.24	330	216669	54.66	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 54.66%			
74) Terphenyl-d14 (SU)	20.82	244	540936	25.28	ppm	-0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 50.56%			
Target Compounds						Qvalue
3) Pyridine	2.95	79	1365010	52.23	ppm	# 69
4) n-Nitrosodimethylamine	3.04	74	895096	50.23	ppm	95
5) bis(2-Chloroethyl)ether	7.02	93	1077997	47.50	ppm	96
6) Aniline	6.84	93	1533991	51.48	ppm	98
8) Phenol	6.97	94	1285822	51.24	ppm	96
9) 2-Chlorophenol	7.05	128	874060	51.28	ppm	98
10) n-Decane	7.17	57	1566386	49.94	ppm	100
11) 1,3-Dichlorobenzene	7.28	146	852202	51.93	ppm	98
12) 1,4-Dichlorobenzene	7.41	146	1003939	49.74	ppm	98
13) 1,2-Dichlorobenzene	7.80	146	884590	50.81	ppm	99
14) Benzyl alcohol	7.84	108	564082	52.09	ppm	99
15) bis(2-chloroisopropyl)ethe	8.17	45	2482178	51.35	ppm	100
16) 2-Methylphenol	8.20	107	677308	51.22	ppm	98
17) Hexachloroethane	8.44	117	362362	50.55	ppm	99
18) N-Nitroso-di-n-propylamine	8.52	70	751735	50.41	ppm	100
19) 4-Methylphenol	8.56	107	930166	51.71	ppm	99
22) Nitrobenzene	8.73	77	988549	51.70	ppm	100
23) Isophorone	9.30	82	1779876	49.48	ppm	100
24) 2-Nitrophenol	9.44	139	500559	52.77	ppm	100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.72	122	675499	49.89	ppm		100
26) bis(2-Chloroethoxy)methane	9.90	93	1083284	49.80	ppm		100
27) 2,4-Dichlorophenol	10.04	162	646086	52.26	ppm		99
28) 1,2,4-Trichlorobenzene	10.14	180	666373	51.09	ppm		99
29) Benzoic Acid	10.33	122	361949	48.67	ppm	#	53
30) Naphthalene	10.27	128	1871619	50.40	ppm		100
31) 4-Chloroaniline	10.54	127	848904	51.24	ppm		99
32) Hexachlorobutadiene	10.74	225	337265	51.03	ppm		99
33) 4-Chloro-3-methylphenol	11.81	107	609272	52.43	ppm		98
34) 2-Methylnaphthalene	11.88	141	1114609	51.11	ppm		99
35) 2,3-Dichloroaniline	12.65	161	703360	52.41	ppm		100
37) Hexachlorocyclopentadiene	12.43	237	313390	61.74	ppm		100
38) 2,4,6-Trichlorophenol	12.68	196	421613	53.43	ppm		99
39) 2,4,5-Trichlorophenol	12.77	196	459772	54.26	ppm		99
41) 2-Chloronaphthalene	13.00	162	1145399	51.48	ppm		99
42) 2-Nitroaniline	13.42	65	495825	54.61	ppm		99
43) 1,3-Dinitrobenzene	13.98	168	275822	58.57	ppm		93
44) Acenaphthylene	13.97	152	1851095	56.80	ppm		100
45) Dimethylphthalate	14.02	163	1310708	50.56	ppm		100
46) 2,6-Dinitrotoluene	14.14	165	351059	52.50	ppm		99
47) Acenaphthene	14.42	154	1033673	50.41	ppm		99
48) 3-Nitroaniline	14.42	138	353419	53.26	ppm		99
49) 2,4-Dinitrophenol	14.65	184	216140	51.90	ppm		98
50) Dibenzofuran	14.80	168	1540569	51.18	ppm		99
51) 2,4-Dinitrotoluene	15.03	165	440246	53.73	ppm		99
52) 4-Nitrophenol	15.02	109	124542	51.14	ppm		94
53) Fluorene	15.61	166	1238295	51.00	ppm		99
54) 4-Chlorophenyl-phenylether	15.70	204	600298	49.52	ppm		99
55) Diethylphthalate	15.71	149	1187053	49.35	ppm		100
56) Azobenzene	16.05	77	1641029	49.88	ppm		100
57) 4-Nitroaniline	15.93	138	329835	55.39	ppm		99
58) n-Octadecane	17.85	57	1212754	49.24	ppm		100
60) 4,6-Dinitro-2-methylphenol	15.98	198	291686	57.73	ppm		98
61) n-Nitrosodiphenylamine	16.04	169	803743	50.32	ppm		96
63) 4-Bromophenyl-phenylether	16.81	248	369779	50.62	ppm		100
64) Hexachlorobenzene	17.08	284	421163	50.61	ppm		99
65) Pentachlorophenol	17.57	266	259385	55.30	ppm		98
66) Phenanthrene	17.83	178	1527537	49.54	ppm		100
67) Anthracene	17.93	178	1511301	49.12	ppm		99
68) Carbazole	18.38	167	1288408	48.96	ppm		99
69) Di-n-butylphthalate	19.34	149	2208119	50.02	ppm		100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

Quant Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7J19SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	20.14	202	1685200	50.90	ppm	100
72) Pyrene	20.48	202	1649008	49.68	ppm	100
73) 2,2'-Dichlorobenzil	20.69	139	1236573	51.92	ppm	100
75) Benzidine	20.43	184	425881	43.21	ppm	100
76) Butylbenzylphthalate	21.63	149	903101	49.74	ppm	99
77) 3,3'-Dichlorobenzidine	22.31	252	492253	54.02	ppm	100
78) Benzo[a]anthracene	22.27	228	1361552	51.27	ppm	100
79) Chrysene	22.35	228	1178149	49.73	ppm	99
80) bis(2-Ethylhexyl)phthalate	22.56	149	1108854	49.50	ppm	99
81) Di-n-octylphthalate	23.72	149	1655997	52.71	ppm	100
83) Benzo[b]fluoranthene	24.34	252	1306841	49.05	ppm	100
84) Benzo[k]fluoranthene	24.41	252	1229902	49.28	ppm	100
85) Benzo[a]pyrene	25.14	252	1220802	54.69	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.73	276	1039214	49.81	ppm	99
87) Dibenz[a,h]anthracene	27.81	278	1106338	52.06	ppm	99
88) Benzo[g,h,i]perylene	28.32	276	1046952	48.93	ppm	100

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

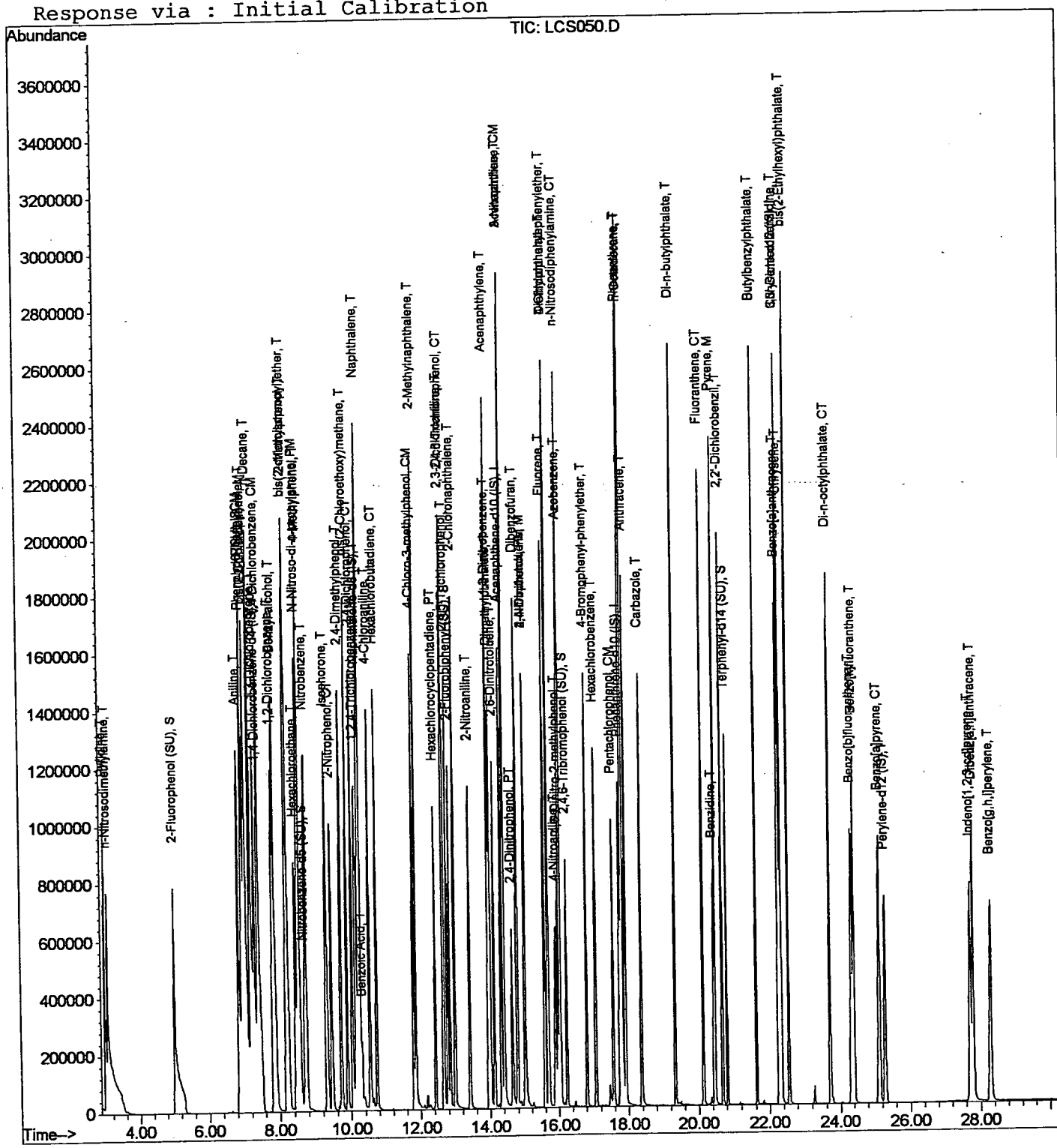
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P
Quant Time: Nov 8 15:52 19107

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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



Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	106	0.00
2	S	2-Fluorophenol (SU)	1.531	1.556	-1.6	110	0.00
3	T	Pyridine	2.191	2.289	-4.5	112	0.01
4	T	n-Nitrosodimethylamine	1.494	1.501	-0.5	108	0.02
5	T	bis(2-Chloroethyl)ether	1.903	1.808	5.0	110	0.01
6	T	Aniline	2.498	2.572	-3.0	108	0.00
7	S	Phenol-d6 (SU)	1.985	2.014	-1.5	109	0.01
8	CM	Phenol	2.104	2.156	-2.5	110	0.01
9	M	2-Chlorophenol	1.429	1.466	-2.6	110	0.00
10	T	n-Decane	2.630	2.627	0.1	107	0.00
11	T	1,3-Dichlorobenzene	1.376	1.429	-3.9	111	0.00
12	CM	1,4-Dichlorobenzene	1.692	1.683	0.5	105	0.00
13	T	1,2-Dichlorobenzene	1.460	1.483	-1.6	108	0.00
14	T	Benzyl alcohol	0.908	0.946	-4.2	110	0.00
15	T	bis(2-chloroisopropyl)ether	4.053	4.162	-2.7	112	0.00
16	T	2-Methylphenol	1.109	1.136	-2.4	111	0.00
17	T	Hexachloroethane	0.601	0.608	-1.2	107	0.00
18	PM	N-Nitroso-di-n-propylamine	1.250	1.261	-0.9	109	0.00
19	T	4-Methylphenol	1.508	1.560	-3.4	111	0.00
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	107	0.00
21	S	Nitrobenzene-d5 (SU)	0.487	0.241	50.5#	53	0.00
22	T	Nitrobenzene	0.505	0.522	-3.4	113	0.00
23	T	Isophorone	0.949	0.939	1.1	109	0.00
24	CT	2-Nitrophenol	0.250	0.264	-5.6	110	0.00
25	T	2,4-Dimethylphenol	0.357	0.357	0.0	108	0.01
26	T	bis(2-Chloroethoxy)methane	0.574	0.572	0.3	108	0.00
27	CT	2,4-Dichlorophenol	0.326	0.341	-4.6	109	0.00
28	M	1,2,4-Trichlorobenzene	0.344	0.352	-2.3	109	0.00
29	T	Benzoic Acid	0.162	0.191	-17.9	116	0.02
30	T	Naphthalene	0.980	0.988	-0.8	109	0.00
31	T	4-Chloroaniline	0.437	0.448	-2.5	108	0.00
32	CT	Hexachlorobutadiene	0.174	0.178	-2.3	107	0.00
33	CM	4-Chloro-3-methylphenol	0.307	0.322	-4.9	111	0.00
34	T	2-Methylnaphthalene	0.576	0.588	-2.1	111	0.00
35	T	2,3-Dichloroaniline	0.354	0.371	-4.8	113	0.00
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	107	0.00
37	PT	Hexachlorocyclopentadiene	0.240	0.326	-35.8#	136	0.00
38	CT	2,4,6-Trichlorophenol	0.410	0.438	-6.8	110	0.00
39	T	2,4,5-Trichlorophenol	0.440	0.478	-8.6	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.364	0.684	49.9#	55	0.00
41	T	2-Chloronaphthalene	1.156	1.191	-3.0	111	0.00
42	T	2-Nitroaniline	0.472	0.515	-9.1	114	0.00
43	T	1,3-Dinitrobenzene	0.235	0.287	-22.1	127	0.00
44	T	Acenaphthylene	1.694	1.924	-13.6	122	0.00
45	T	Dimethylphthalate	1.347	1.362	-1.1	109	0.00
46	T	2,6-Dinitrotoluene	0.348	0.365	-4.9	109	0.00
47	CM	Acenaphthene	1.066	1.074	-0.8	110	0.00
48	T	3-Nitroaniline	0.345	0.367	-6.4	113	0.00
49	PT	2,4-Dinitrophenol	0.182	0.225	-23.6	116	0.00
50	T	Dibenzofuran	1.564	1.601	-2.4	110	0.00
51	M	2,4-Dinitrotoluene	0.426	0.458	-7.5	109	0.00
52	PM	4-Nitrophenol	0.115	0.129	-12.2	119	0.00
53	T	Fluorene	1.262	1.287	-2.0	109	0.00
54	T	4-Chlorophenyl-phenylether	0.630	0.624	1.0	107	0.00
55	T	Diethylphthalate	1.250	1.234	1.3	110	0.00
56	T	Azobenzene	1.710	1.706	0.2	109	0.00
57	T	4-Nitroaniline	0.309	0.343	-11.0	115	0.01
58	T	n-Octadecane	1.280	1.261	1.5	107	0.00
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	108	0.00
60	T	4,6-Dinitro-2-methylphenol	0.183	0.211	-15.3	114	0.01
61	CT	n-Nitrosodiphenylamine	0.578	0.581	-0.5	110	0.00
62	S	2,4,6-Tribromophenol (SU)	0.143	0.157	-9.8	114	0.00
63	T	4-Bromophenyl-phenylether	0.264	0.267	-1.1	110	0.00
64	T	Hexachlorobenzene	0.301	0.305	-1.3	112	0.00
65	CM	Pentachlorophenol	0.170	0.188	-10.6	113	0.00
66	T	Phenanthrene	1.115	1.105	0.9	109	0.00
67	T	Anthracene	1.113	1.093	1.8	110	0.00
68	T	Carbazole	0.952	0.932	2.1	113	0.00
69	T	Di-n-butylphthalate	1.597	1.597	0.0	108	0.00
70	CT	Fluoranthene	1.197	1.219	-1.8	112	0.00
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	109	0.00
72	M	Pyrene	1.604	1.594	0.6	110	0.00
73	T	2,2'-Dichlorobenzil	1.151	1.195	-3.8	109	0.00
74	S	Terphenyl-d14 (SU)	1.034	0.523	49.4#	54	-0.01
75	T	Benzidine	0.476	0.412	13.4	89	0.00
76	T	Butylbenzylphthalate	0.877	0.873	0.5	106	0.00
77	T	3,3'-Dichlorobenzidine	0.440	0.476	-8.2	113	0.00
78	T	Benzo[a]anthracene	1.283	1.316	-2.6	111	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV07\LCS050.D
Acq On : 7 Nov 2007 5:09 pm
Sample : 50ppm Sec. Source# 7090368
Misc : 8270/625 ICAL
MS Integration Params: RTEINT.P

Vial: 9
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.145	1.139	0.5	111	0.00
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.072	0.9	107	0.00
81	CT	Di-n-octylphthalate	1.518	1.600	-5.4#	110	0.00
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	105	0.00
83	T	Benzo[b]fluoranthene	1.387	1.361	1.9	107	0.00
84	T	Benzo[k]fluoranthene	1.300	1.281	1.5	112	0.00
85	CT	Benzo[a]pyrene	1.162	1.271	-9.4	114	0.00
86	T	Indeno[1,2,3-cd]pyrene	1.086	1.082	0.4	98	0.00
87	T	Dibenz[a,h]anthracene	1.106	1.152	-4.2	99	0.00
88	T	Benzo[g,h,i]perylene	1.114	1.090	2.2	94	0.00

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

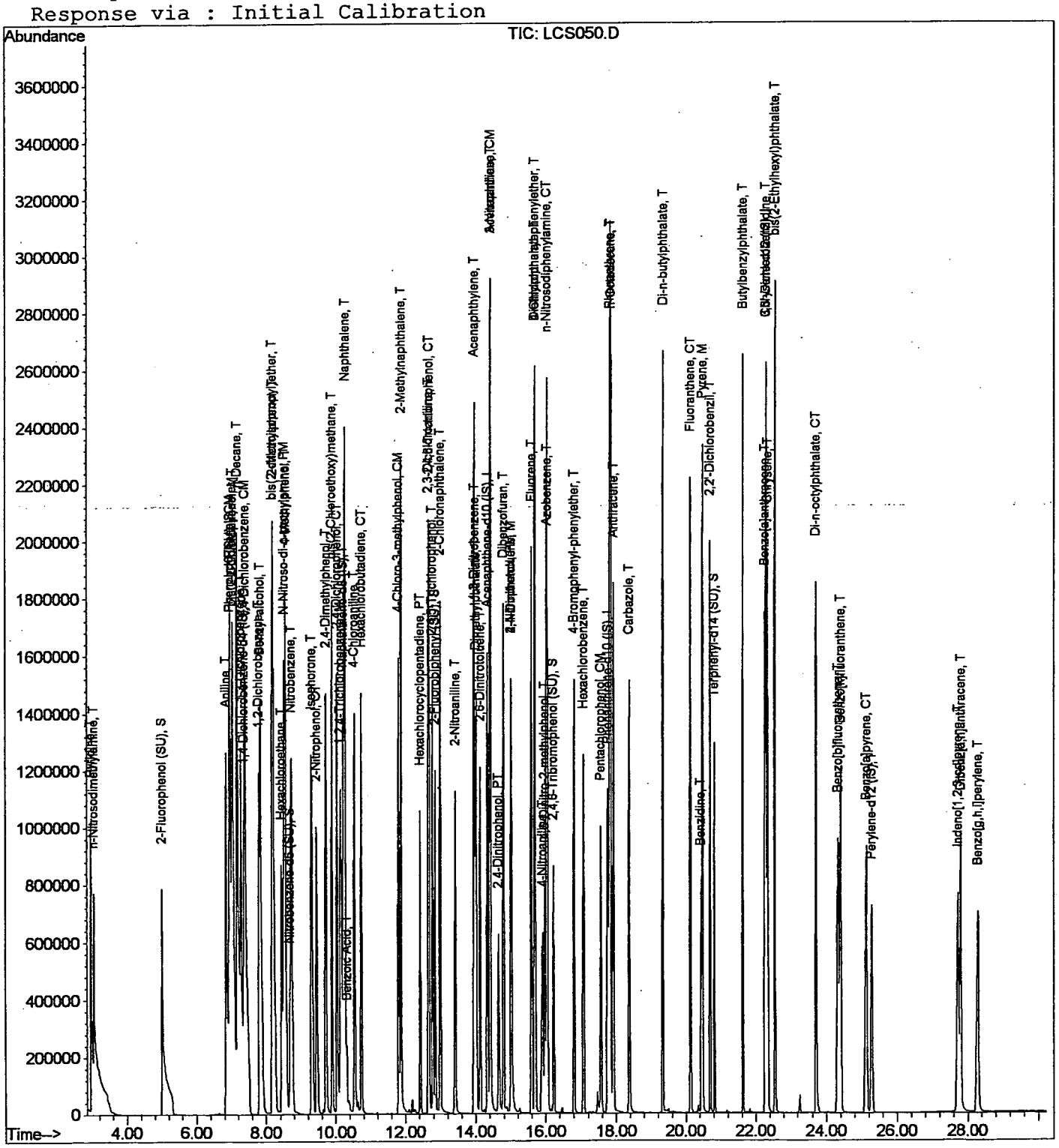
Quantitation Report

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: 11-12-07 **DATAFILE:** \\GCMS8\DATA\ 07NOV12

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

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN 2	***	Pass @ 18:13				Performed at autosampler
2	50ppm Midpoint STD	***	SSTD050	***					
3	7K10043-BLK1	–	H111200 1	TCLP	LB	10043	SH 11-13-07	11/13/07	
4	↓ -BS1	–	02			↓	↓		
5	7K10044-BLK1	–	03			10044	SH 11-13-07		
6	↓ -BS1	–	04	↓		↓	↓		
7	7K11036-BLK1	–	05	W		11036	SH 11-13-07		
8	↓ -BS1	–	06			↓	↓	↓	
9	7K09071-BLK1	–	07			09071	SH 11-13-07	11/14/07	RR for 625s
10	↓ -BS1	–	08			↓	↓	↓	↓
11	↓ -BSD1	–	09	↓	↓	↓	↓	↓	
12	7K08111-BLK1	–	10	S		08111	SH 11-13-07	11/13/07	
13	↓ -BS1	–	11	↓		↓	↓	↓	
14	↓ -BSD1	–	12	↓		↓	SH ↓	↓	
15	7K12065-BLK1	–	13	↓	LB	12065	SH 11-13-07	↓	
16	-BS1	–	14	↓	↓	↓	↓	↓	
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110160 Calibration: 7100431

GC/MS QA-QC Check Report

Tune File : C:\GCMS8\DATA\07NOV12\STUN2.D
Tune Time : 12 Nov 2007 6:13 pm

Daily Calibration File : C:\GCMS8\DATA\07NOV12\SSTD050.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 663123	(NPT) 2033460	(ANT) 1057730	(PHN) 1438920	(CRY) 888395	(PRY) 728419
File	Sample	Surrogate Recovery %						Internal Standard Responses					
H1112001.D	7K10043-BLK1	58	64	71	77	85	85	825996	2598028	1346414	1729907	1153558	778408
H1112002.D	7K10043-BS1	62	67	75	78	95	92	767467	2385067	1212355	1660433	1135212	845047
H1112003.D	7K10044-BLK1	65	71	73	80	82	83	617526	1979815	1018139	1327309	967644	660805
H1112004.D	7K10044-BS1	62	66	74	76	86	82	618706	1930258	1018130	1382532	950758	655238
H1112005.D	7K11036-BLK1	64	70	74	80	87	81	749725	2367802	1243918	1613526	1168656	836696
H1112006.D	7K11036-BS1	61	63	79	80	93	97	729524	2271417	1176315	1568649	943548	587676
H1112007.D	7K09071-BLK1	62	66	72	76	84	90	754496	2397308	1268582	1636790	1057674	683041
H1112008.D	7K09071-BS1	66	70	76	78	91	92	659473	2062625	1074452	1445032	919048	627805
H1112009.D	7K09071-BSD1	70	75	82	81	96	94	660087	2070530	1082935	1456066	913417	658849
H1112010.D	7K08111-BLK1	60	65	65	73	79	82	630292	2057049	1081847	1391529	926051	567345
H1112011.D	7K08111-BS1	64	67	67	70	83	82	559450	1767534	932567	1235732	825805	523798
H1112012.D	7K08111-BSD1	66	70	71	74	87	91	535341	1698212	900432	1217247	778772	478221
H1112013.D	7K12065-BLK1	67	71	72	78	81	86	570222	1841073	983653	1255439	888894	607138
H1112014.D	7K12065-BS1	63	65	68	70	81	88	598055	1874860	1003189	1330392	852326	571647

- fails 12hr time check * - fails criteria

Created: Tue Nov 13 08:02:41 2007 GCMS8

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 Midpoint**
Date Acquired:	**11/12/20 -1:6:**	Method	**H7K07SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	49.06	1.87
1,4-Dichlorobenzene	50	49.44	1.12
2-Nitrophenol	50	52.55	-5.10
2,4-Dichlorophenol	50	52.34	-4.68
Hexachlorobutadiene	50	51.01	-2.02
4-Chloro-3-methylphenol	50	52.13	-4.25
2,4,6-Trichlorophenol	50	53.09	-6.18
Acenaphthene	50	48.55	2.91
n-Nitrosodiphenylamine	50	50.41	-0.82
Pentachlorophenol	50	50.58	-1.15
Fluoranthene	50	46.68	6.64
Di-n-octylphthalate	50	52.99	-5.98
Benzo[a]pyrene	50	51.53	-3.07

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.283
Hexachlorocyclopentadiene	0.05	0.197
2,4-Dinitrophenol	0.05	0.149
4-Nitrophenol	0.05	0.107

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050.D
Date: 11/12/20 -1:6:
Matrix: 8270/625 Midpoint

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	49.66	99	(70-130)
n-Nitrosodimethylamine	50	49.75	99	(80-120)
bis(2-Chloroethyl)ether	50	48.10	96	(80-120)
Aniline	50	49.35	99	(80-120)
2-Chlorophenol	50	49.68	99	(80-120)
n-Decane	50	49.54	99	(80-120)
1,3-Dichlorobenzene	50	49.20	98	(80-120)
1,2-Dichlorobenzene	50	49.49	99	(80-120)
Benzyl alcohol	50	50.79	102	(70-130)
bis(2-chloroisopropyl)ether	50	49.44	99	(80-120)
2-Methylphenol	50	49.79	100	(80-120)
Hexachloroethane	50	49.84	100	(80-120)
N-Nitroso-di-n-propylamine	50	51.32	103	(80-120)
4-Methylphenol	50	49.69	99	(80-120)
Nitrobenzene	50	50.46	101	(80-120)
Isophorone	50	52.55	105	(80-120)
2,4-Dimethylphenol	50	51.30	103	(80-120)
bis(2-Chloroethoxy)methane	50	51.06	102	(80-120)
1,2,4-Trichlorobenzene	50	52.00	104	(80-120)
Benzoic Acid	50	43.72	87	(75-125)
Naphthalene	50	49.68	99	(80-120)
4-Chloroaniline	50	51.90	104	(80-120)
2-Methylnaphthalene	50	51.04	102	(80-120)
2,3-Dichloroaniline	50	50.95	102	(80-120)
Hexachlorocyclopentadiene	50	38.12	76	(70-130)
2,4,5-Trichlorophenol	50	52.63	105	(80-120)
2-Chloronaphthalene	50	48.90	98	(80-120)
2-Nitroaniline	50	49.99	100	(80-130)
1,3-Dinitrobenzene	50	48.46	97	(80-120)
Acenaphthylene	50	48.77	98	(80-120)
Dimethylphthalate	50	49.11	98	(80-120)
2,6-Dinitrotoluene	50	52.06	104	(80-120)
3-Nitroaniline	50	46.16	92	(70-140)
2,4-Dinitrophenol	50	36.65	73	(60-140)
Dibenzofuran	50	48.01	96	(80-120)
2,4-Dinitrotoluene	50	50.73	101	(70-140)

4-Nitrophenol	50	43.23	86	(60-135)
Fluorene	50	48.75	98	(80-120)
4-Chlorophenyl-phenylether	50	50.00	100	(80-120)
Diethylphthalate	50	47.58	95	(65-120)
Azobenzene	50	47.13	94	(80-120)
4-Nitroaniline	50	45.19	90	(60-160)
n-Octadecane	50	48.85	98	(80-120)
4,6-Dinitro-2-methylphenol	50	45.43	91	(80-120)
4-Bromophenyl-phenylether	50	51.02	102	(75-125)
Hexachlorobenzene	50	50.92	102	(70-120)
Phenanthrene	50	48.95	98	(80-120)
Anthracene	50	45.96	92	(80-120)
Carbazole	50	41.93	84	(70-120)
Di-n-butylphthalate	50	50.66	101	(80-120)
Pyrene	50	55.19	110	(60-120)
2,2'-Dichlorobenzil	50	59.45	119	(80-120)
Benzidine	50	34.78	70	(30-180)
Butylbenzylphthalate	50	56.59	113	(80-120)
3,3'-Dichlorobenzidine	50	46.00	92	(50-170)
Benzo[a]anthracene	50	49.58	99	(80-120)
Chrysene	50	48.77	98	(80-120)
bis(2-Ethylhexyl)phthalate	50	57.59	115	(75-125)
Benzo[b]fluoranthene	50	52.90	106	(80-120)
Benzo[k]fluoranthene	50	47.02	94	(80-120)
Indeno[1,2,3-cd]pyrene	50	43.55	87	(50-150)
Dibenz[a,h]anthracene	50	46.16	92	(60-160)
Benzo[g,h,i]perylene	50	44.23	88	(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.71	101	(80-120)
Phenol-d6 (SU)	50	50.08	100	(80-120)
Nitrobenzene-d5 (SU)	50	51.05	102	(80-120)
2-Fluorobiphenyl (SU)	50	49.23	98	(80-120)
2,4,6-Tribromophenol (SU)	50	52.87	106	(80-120)
Terphenyl-d14 (SU)	50	54.59	109	(70-130)

*Denotes values out of expected range.

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

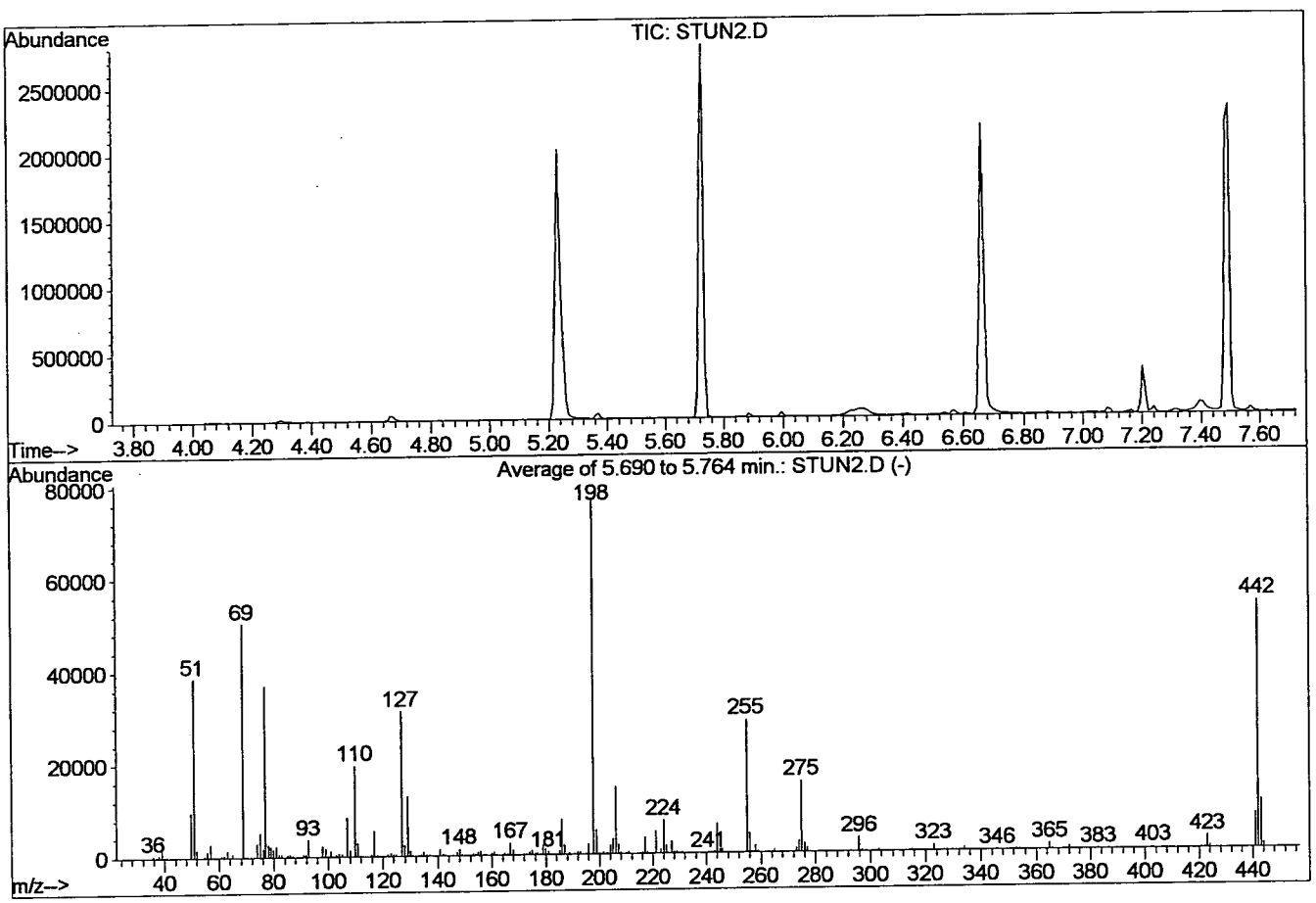
2nd Level Review:	[signature]	Analyst:	SM
Date:	11/13/07	Analysis Date:	11-12-07
QC Batches:	7K10043, 7K10044, 7K11036, 7K09071, 7K08111, 7K13065	GCMS #:	8

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

Comments: _____

Data File : C:\GCMS8\DATA\07NOV12\STUN2.D
Acq On : 12 Nov 2007 6:13 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



Spectrum Information: Average of 5.690 to 5.764 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.1	38561	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	65.6	50463	PASS
70	69	0.00	2	0.4	193	PASS
127	198	40	60	40.7	31332	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	76901	PASS
199	198	5	9	6.9	5275	PASS
275	198	10	30	20.0	15362	PASS
365	198	1	100	1.7	1341	PASS
441	443	0.01	100	71.6	7491	PASS
442	198	40	100	69.5	53447	PASS
443	442	17	23	19.6	10469	PASS

STUN2.D DFTPP.M Mon Nov 12 18:23:10 2007

Average of 5.690 to 5.764 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.80	425	50.95	38561	68.85	50463	81.90	536
36.95	207	51.95	1671	69.90	193	82.90	609
37.80	80	54.80	276	72.95	96	84.90	358
37.95	528	55.90	1152	73.95	3006	85.90	586
38.90	3903	56.90	2832	74.95	5248	86.95	211
39.90	176	57.90	73	76.05	1740	90.85	485
40.90	326	60.90	358	76.95	37047	91.85	489
42.90	76	61.90	455	77.90	2565	92.85	3709
44.90	57	62.90	1389	78.90	2161	93.90	198
48.85	207	63.85	180	79.90	1645	95.95	141
49.95	9657	64.90	718	80.90	2249	97.95	2236

Average of 5.690 to 5.764 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
98.90	1793	111.85	270	128.90	12912	144.90	65
99.85	151	112.85	121	129.90	1075	145.85	189
100.90	1153	115.95	464	130.90	165	146.90	680
101.80	56	116.85	5536	133.85	302	147.90	1390
102.85	405	117.85	326	134.85	810	148.90	293
103.90	625	121.90	416	135.95	340	151.00	197
104.90	590	122.90	733	136.95	342	151.90	82
106.90	8519	123.90	376	139.95	77	152.90	412
107.90	1343	124.90	355	140.85	1379	153.85	274
109.90	19667	126.90	31332	141.90	443	154.85	695
110.85	2765	127.90	2345	142.80	305	155.85	901

Average of 5.690 to 5.764 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.85	267	170.85	122	181.85	65	195.00	79
157.85	223	171.90	214	183.85	89	195.90	2203
158.85	188	172.90	248	184.95	837	197.85	76901
159.85	461	173.95	485	185.90	7639	198.85	5275
160.85	612	174.90	930	186.90	2017	199.85	306
161.85	161	175.95	284	187.90	175	201.40	364
164.85	443	176.85	471	188.80	346	202.90	322
165.90	342	177.85	105	190.90	220	203.95	1831
166.90	2585	178.85	1984	191.90	599	204.95	3185
167.90	1105	179.85	1242	192.90	537	205.95	14533
168.95	184	180.95	675	193.90	66	206.95	1998

Average of 5.690 to 5.764 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.90	384	224.95	1803	241.85	327	257.90	1448
208.90	63	225.95	177	242.90	362	258.90	215
209.90	141	226.95	2594	243.95	6279	264.85	528
210.85	515	227.95	369	244.95	865	272.90	806
214.90	70	228.90	466	245.85	842	273.90	2423
215.95	277	230.95	249	246.85	91	274.90	15362
216.90	3487	233.90	84	248.85	107	275.90	1906
217.85	415	234.80	109	252.80	62	276.90	926
220.95	4884	235.90	70	254.90	28707	277.90	72
222.95	762	236.95	204	255.90	4114	282.75	66
223.95	7219	240.85	91	256.85	292	283.85	66

Average of 5.690 to 5.764 min.: STUN2.D
50NG DFTPP #7100452
Modified:subtracted

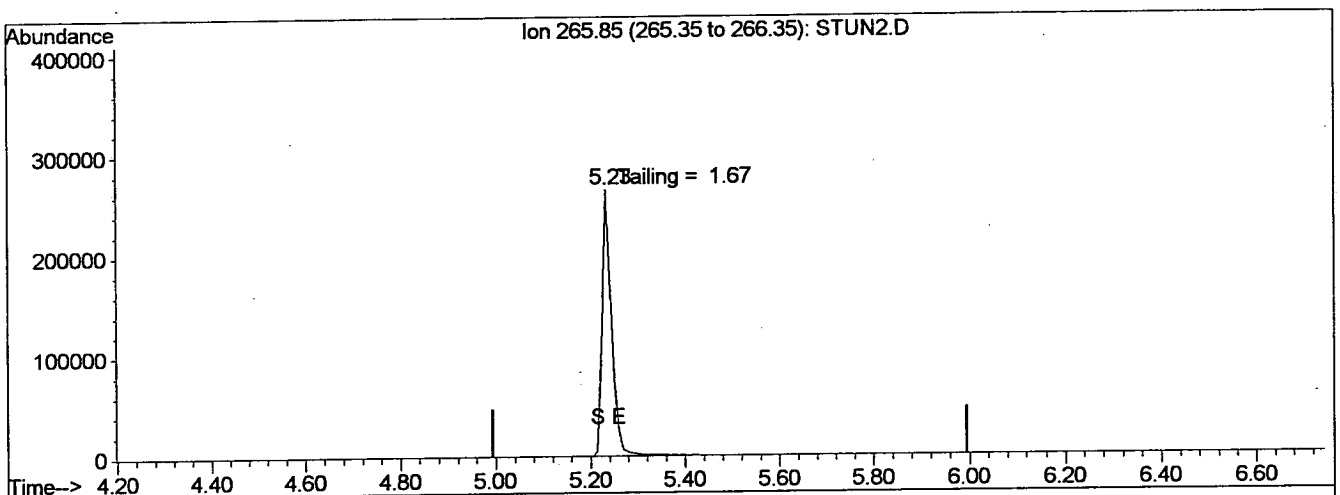
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
284.85	90	323.90	135	364.90	1341	422.95	2655
292.90	204	326.85	93	365.90	95	423.90	560
295.90	3085	327.85	73	370.85	59	440.95	7491
296.90	355	332.85	61	371.95	645	441.95	53447
302.90	384	333.95	729	372.85	63	442.95	10469
304.00	62	334.95	104	382.80	108	443.95	921
313.95	142	340.90	63	401.90	160		
314.95	335	345.90	114	402.90	312		
315.90	147	351.95	164	403.80	70		
320.90	61	352.90	227	420.95	270		
323.00	1220	353.90	336	421.95	264		

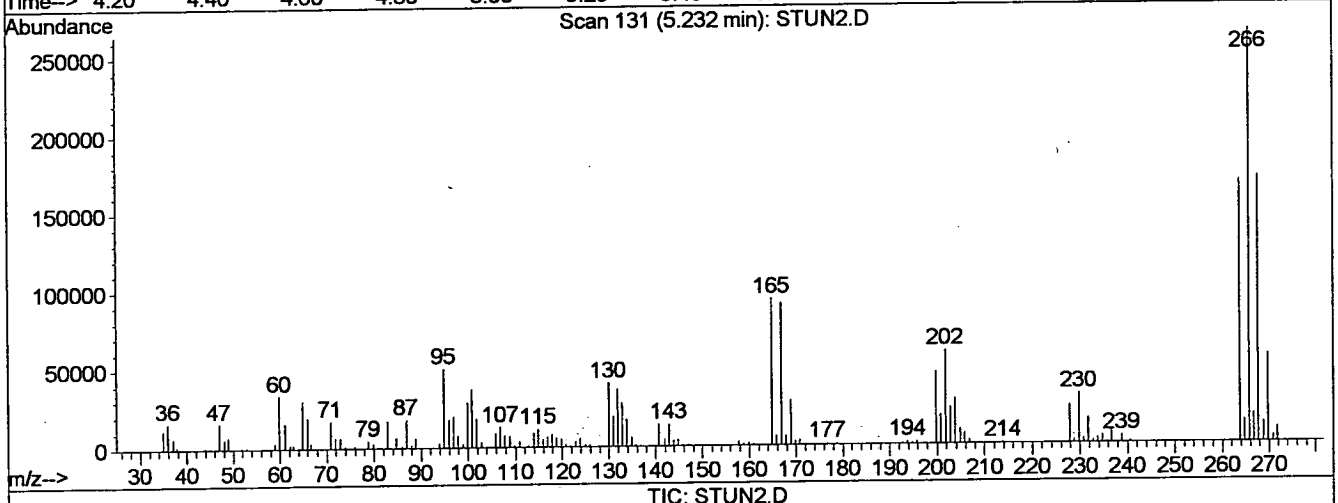
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\STUN2.D
Acq On : 12 Nov 2007 6:13 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





TIC: STUN2.D

(1) Pentachlorophenol

5.23min 87.54ug/ml

response 367631

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

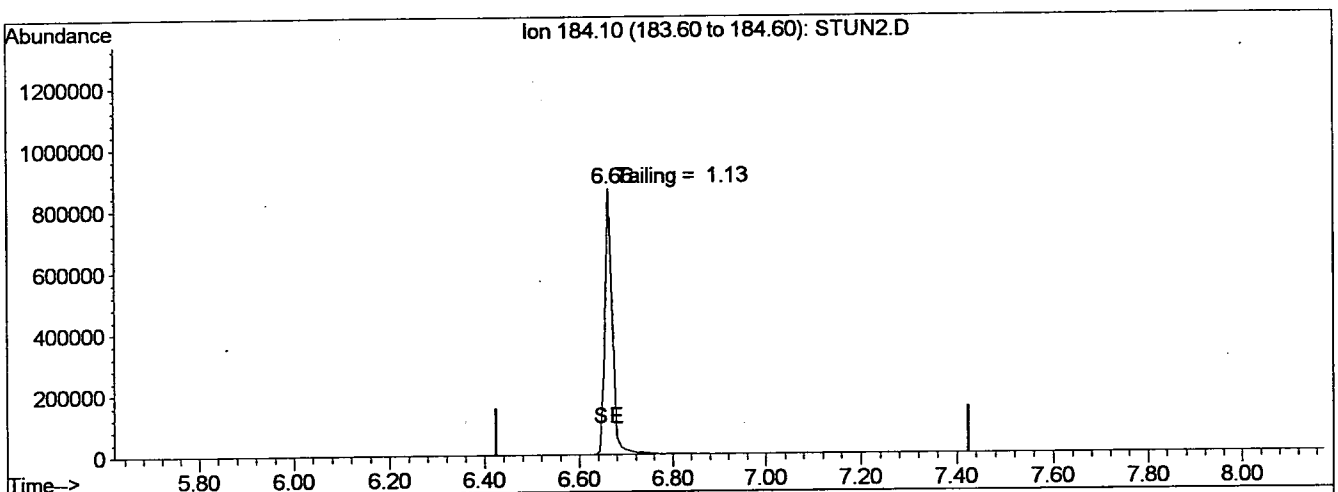
STUN2.D DFTPP.M Mon Nov 12 18:23:28 2007

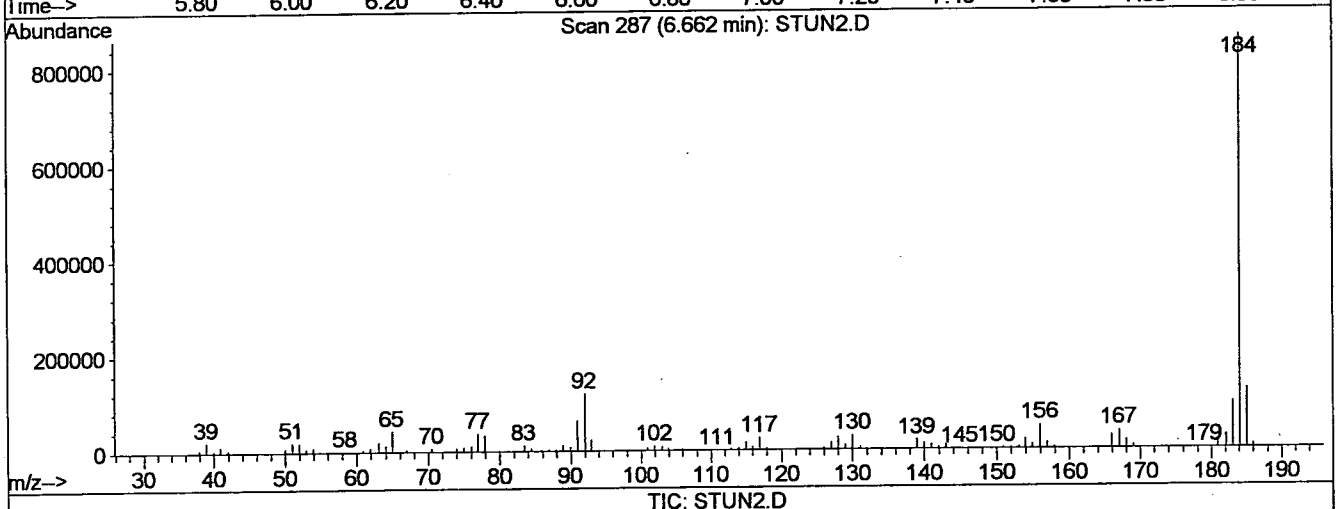
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\STUN2.D
Acq On : 12 Nov 2007 6:13 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
QuantTime: Nov12 18:23:28 2007

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

6.66min 91.36ug/ml

response 965531

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

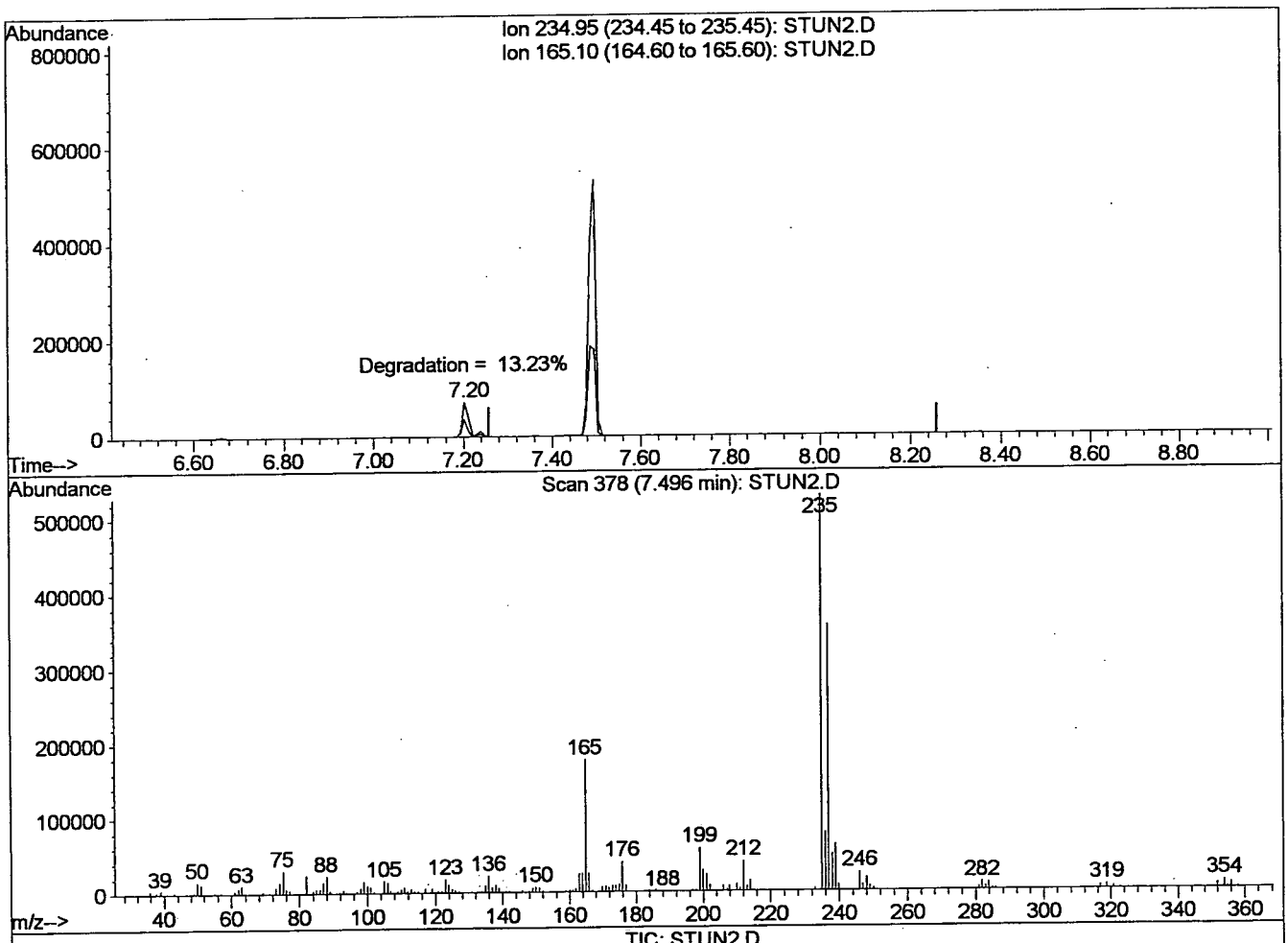
STUN2.D DFTPP.M Mon Nov 12 18:23:35 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\STUN2.D
Acq On : 12 Nov 2007 6:13 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

7.50min 80.83ug/ml

response 569642

Ion	Exp%	Act%
234.95	100	100
165.10	44.30	39.79
0.00	0.00	0.00
0.00	0.00	0.00

STUN2.D DFTPP.M Mon Nov 12 18:23:46 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:13 19107

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.16	152	663123	40.00	ppm	-0.06
20) Naphthalene-d8 (IS)	10.00	136	2033455	40.00	ppm	-0.07
36) Acenaphthene-d10 (IS)	14.12	164	1057726	40.00	ppm	-0.07
59) Phenanthrene-d10 (IS)	17.53	188	1438915	40.00	ppm	-0.07
71) Chrysene-d12 (IS)	22.12	240	888395	40.00	ppm	-0.04
82) Perylene-d12 (IS)	24.92	264	728419	40.00	ppm	-0.07
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.80	112	1287122	50.71	ppm	-0.05
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.71%			
7) Phenol-d6 (SU)	6.76	99	1647591	50.08	ppm	-0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 50.08%			
21) Nitrobenzene-d5 (SU)	8.47	82	1263305	51.05	ppm	-0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.10%			
40) 2-Fluorobiphenyl (SU)	12.65	172	1775147	49.23	ppm	-0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.46%			
62) 2,4,6-Tribromophenol (SU)	16.01	330	272654	52.87	ppm	-0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 52.87%			
74) Terphenyl-d14 (SU)	20.67	244	1253679	54.59	ppm	-0.04
Spiked Amount 50.000	Range 40 - 140		Recovery = 109.18%			

Target Compounds						Qvalue
3) Pyridine	2.74	79	1803817	49.66	ppm	# 38
4) n-Nitrosodimethylamine	2.83	74	1232076	49.75	ppm	94
5) bis(2-Chloroethyl)ether	6.80	93	1517441	48.10	ppm	94
6) Aniline	6.63	93	2043745	49.35	ppm	91
8) Phenol	6.78	94	1711188	49.06	ppm	# 64
9) 2-Chlorophenol	6.83	128	1177048	49.68	ppm	97
10) n-Decane	6.97	57	2159506	49.54	ppm	98
11) 1,3-Dichlorobenzene	7.07	146	1122148	49.20	ppm	98
12) 1,4-Dichlorobenzene	7.19	146	1387117	49.44	ppm	100
13) 1,2-Dichlorobenzene	7.58	146	1197508	49.49	ppm	99
14) Benzyl alcohol	7.64	108	764394	50.79	ppm	99
15) bis(2-chloroisopropyl)ethe	7.97	45	3322014	49.44	ppm	100
16) 2-Methylphenol	8.00	107	915128m	49.79	ppm	
17) Hexachloroethane	8.22	117	496621	49.84	ppm	100
18) N-Nitroso-di-n-propylamine	8.32	70	1063821	51.32	ppm	98
19) 4-Methylphenol	8.37	107	1242466	49.69	ppm	100
22) Nitrobenzene	8.52	77	1294451	50.46	ppm	100
23) Isophorone	9.09	82	2439405	50.54	ppm	100
24) 2-Nitrophenol	9.23	139	668730	52.55	ppm	100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:13 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	9.53	122	931861	51.30 ppm		100
26) bis(2-Chloroethoxy)methane	9.69	93	1490016	51.06 ppm		100
27) 2,4-Dichlorophenol	9.84	162	868112	52.34 ppm		99
28) 1,2,4-Trichlorobenzene	9.93	180	909884	52.00 ppm		100
29) Benzoic Acid	10.10	122	426188	43.72 ppm	#	42
30) Naphthalene	10.05	128	2475121	49.68 ppm		100
31) 4-Chloroaniline	10.33	127	1153690	51.90 ppm		99
32) Hexachlorobutadiene	10.52	225	452322	51.01 ppm		98
33) 4-Chloro-3-methylphenol	11.62	107	812606	52.13 ppm	#	1
34) 2-Methylnaphthalene	11.66	141	1493325	51.04 ppm	#	67
35) 2,3-Dichloroaniline	12.45	161	917391	50.95 ppm		99
37) Hexachlorocyclopentadiene	12.21	237	259912	38.12 ppm		99
38) 2,4,6-Trichlorophenol	12.48	196	575719	53.09 ppm		99
39) 2,4,5-Trichlorophenol	12.58	196	612911	52.63 ppm		99
41) 2-Chloronaphthalene	12.78	162	1495362	48.90 ppm		99
42) 2-Nitroaniline	13.21	65	623712	49.99 ppm		99
43) 1,3-Dinitrobenzene	13.77	168	312269	48.46 ppm		97
44) Acenaphthylene	13.74	152	2184353	48.77 ppm		100
45) Dimethylphthalate	13.81	163	1749535	49.11 ppm		100
46) 2,6-Dinitrotoluene	13.92	165	478438	52.06 ppm		98
47) Acenaphthene	14.20	154	1368140	48.55 ppm		99
48) 3-Nitroaniline	14.22	138	420957	46.16 ppm		98
49) 2,4-Dinitrophenol	14.44	184	196971	36.65 ppm		99
50) Dibenzofuran	14.58	168	1985904	48.01 ppm		99
51) 2,4-Dinitrotoluene	14.81	165	571337	50.73 ppm		99
52) 4-Nitrophenol	14.84	109	141401	43.23 ppm		97
53) Fluorene	15.37	166	1626669	48.75 ppm		99
54) 4-Chlorophenyl-phenylether	15.47	204	832978	50.00 ppm		99
55) Diethylphthalate	15.49	149	1573026	47.58 ppm		99
56) Azobenzene	15.84	77	2131159	47.13 ppm		99
57) 4-Nitroaniline	15.69	138	369866	45.19 ppm		98
58) n-Octadecane	17.64	57	1653652	48.85 ppm		99
60) 4,6-Dinitro-2-methylphenol	15.76	198	298665	45.43 ppm		98
61) n-Nitrosodiphenylamine	15.81	169	1047575	50.41 ppm		97
63) 4-Bromophenyl-phenylether	16.59	248	484912	51.02 ppm		99
64) Hexachlorobenzene	16.85	284	551376	50.92 ppm		99
65) Pentachlorophenol	17.34	266	308665	50.58 ppm		99
66) Phenanthrene	17.60	178	1963749	48.95 ppm		100
67) Anthracene	17.70	178	1839804	45.96 ppm		99
68) Carbazole	18.17	167	1435698	41.93 ppm		99
69) Di-n-butylphthalate	19.18	149	2909412	50.66 ppm		100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:13 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	19.96	202	2010885	46.68	ppm	99
72) Pyrene	20.31	202	1965974	55.19	ppm	99
73) 2,2'-Dichlorobenzil	20.53	139	1519448	59.45	ppm	100
75) Benzidine	20.27	184	367915	34.78	ppm	99
76) Butylbenzylphthalate	21.48	149	1102744	56.59	ppm	99
77) 3,3'-Dichlorobenzidine	22.13	252	449803	46.00	ppm	99
78) Benzo[a]anthracene	22.09	228	1412961	49.58	ppm	100
79) Chrysene	22.15	228	1239946	48.77	ppm	99
80) bis(2-Ethylhexyl)phthalate	22.38	149	1384412	57.59	ppm	99
81) Di-n-octylphthalate	23.47	149	1786500	52.99	ppm	100
83) Benzo[b]fluoranthene	24.04	252	1336293	52.90	ppm	99
84) Benzo[k]fluoranthene	24.11	252	1112790	47.02	ppm	99
85) Benzo[a]pyrene	24.77	252	1090821	51.53	ppm	100
86) Indeno[1,2,3-cd]pyrene	27.39	276	861511	43.55	ppm	99
87) Dibenz[a,h]anthracene	27.47	278	930029	46.16	ppm	100
88) Benzo[g,h,i]perylene	27.94	276	897451	44.23	ppm	99

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

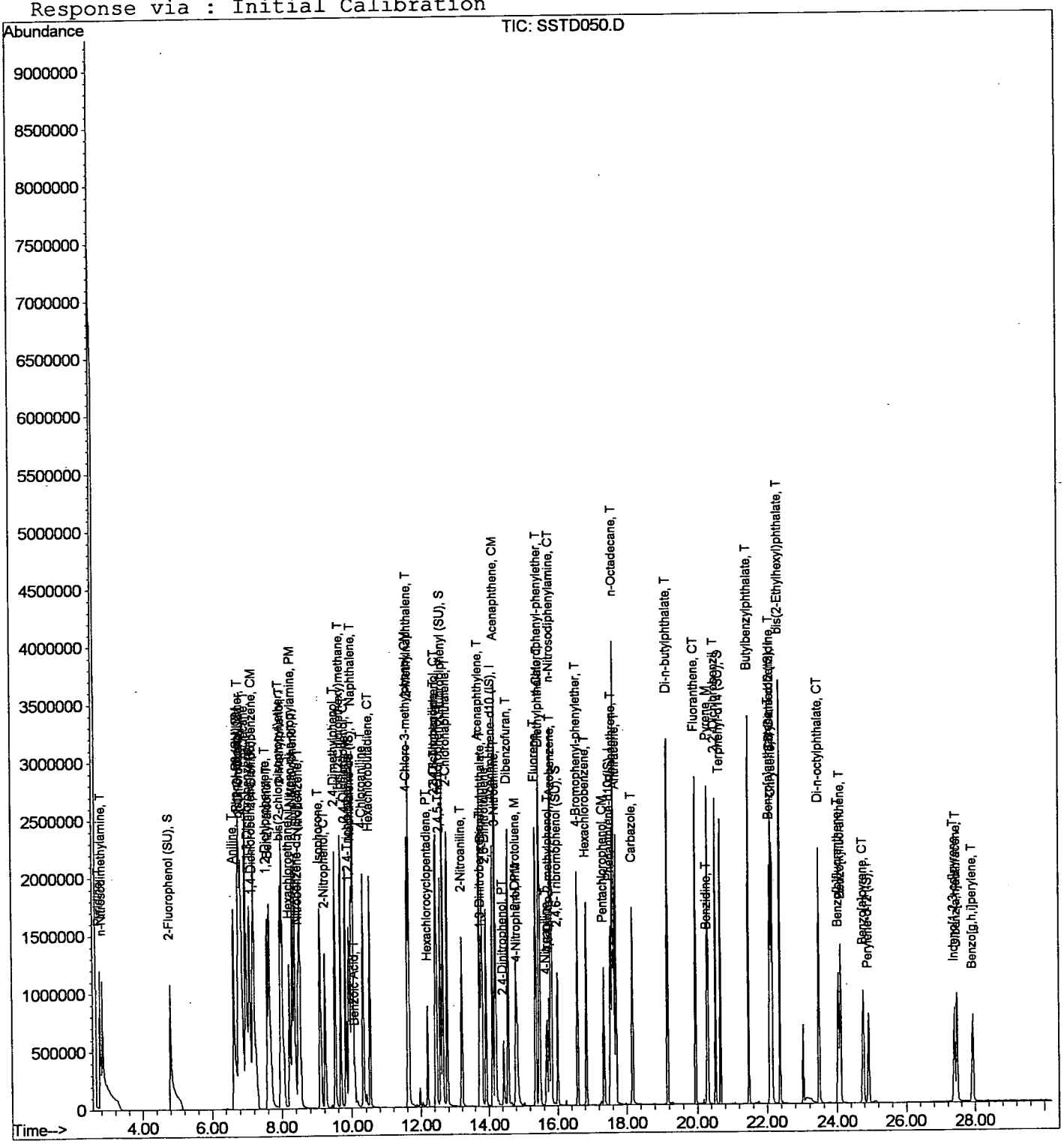
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:13 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

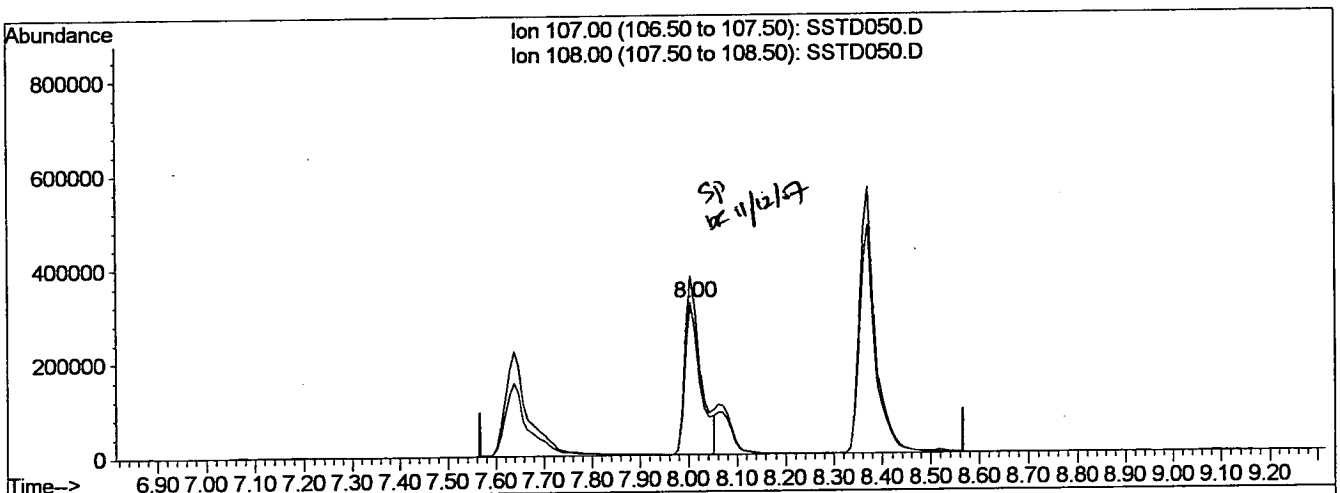


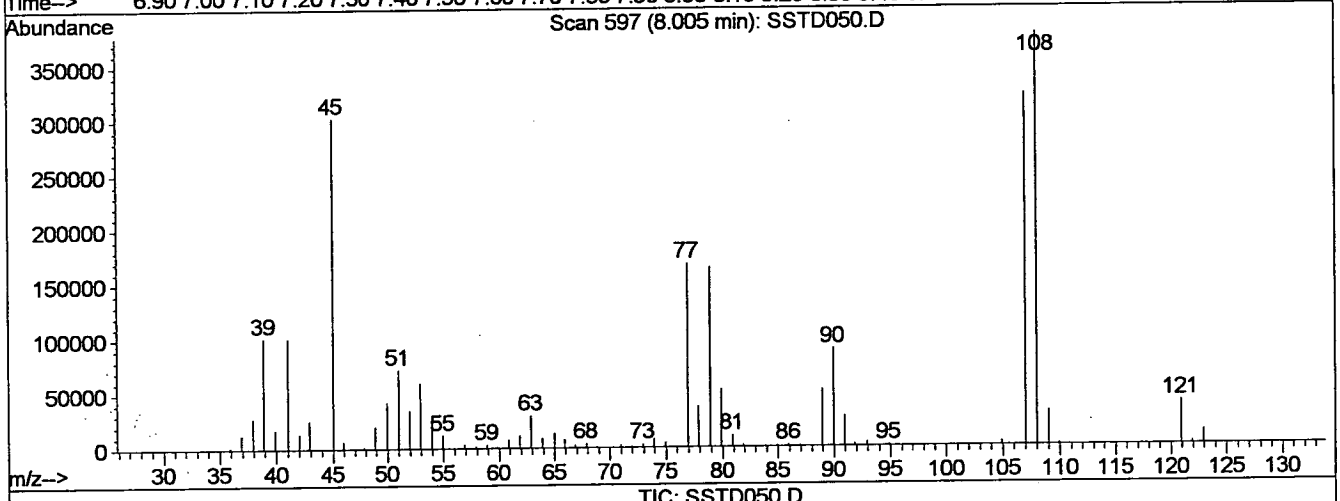
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTE.P

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

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





TIC: SSTD050.D

(16) 2-Methylphenol (T)

8.00min 38.34ppm

response 704723

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	109.48
0.00	0.00	0.00
0.00	0.00	0.00

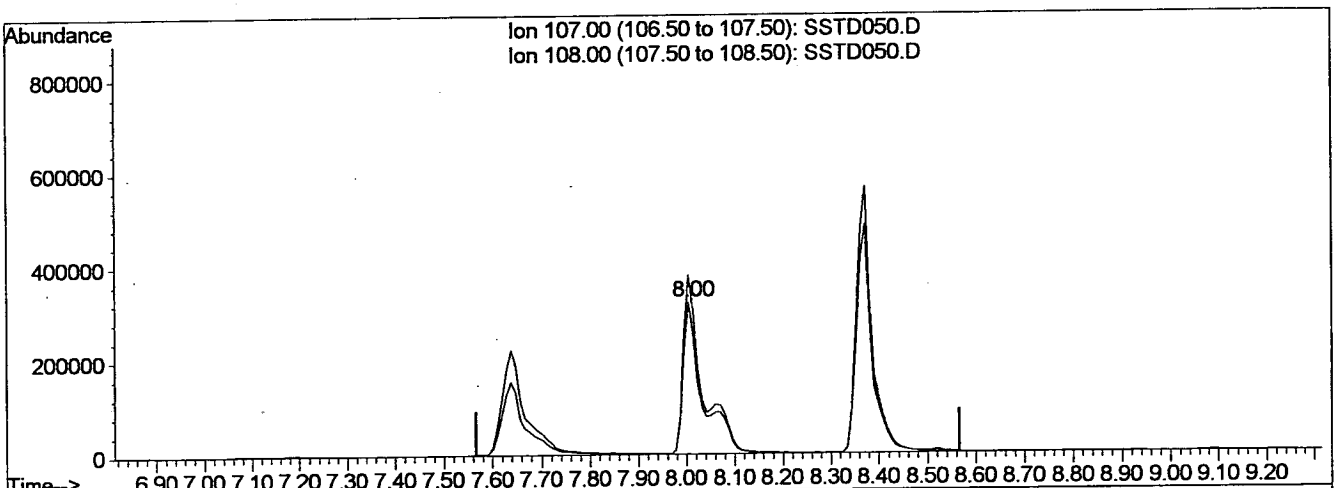
SSTD050.D H7K07SV.M Mon Nov 12 19:13:57 2007

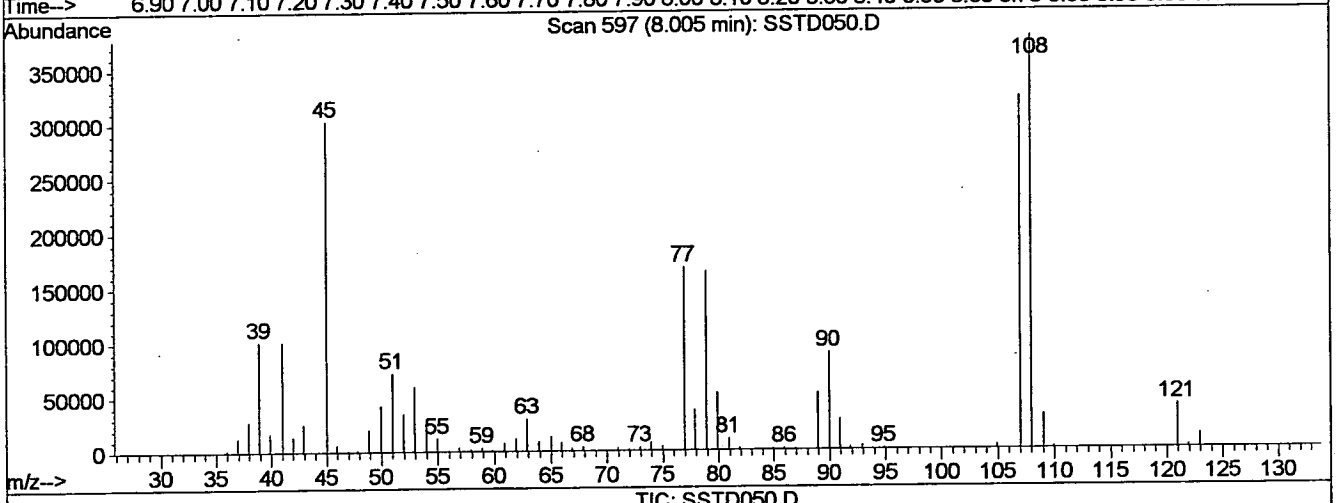
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
Quant Time: Nov 12 19:13:17 2007 RTE Volume: 1.00 ml

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

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





TIC: SSTD050.D

(16) 2-Methylphenol (T)

8.00min 49.79ppm m

response 915128

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	84.31#
0.00	0.00	0.00
0.00	0.00	0.00

SSTD050.D H7K07SV.M Mon Nov 12 19:14:00 2007

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
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	147	-0.06
2	S	2-Fluorophenol (SU)	1.531	1.553	-1.4	152	-0.05
3	T	Pyridine	2.191	2.176	0.7	148	-0.19
4	T	n-Nitrosodimethylamine	1.494	1.486	0.5	149	-0.04
5	T	bis(2-Chloroethyl)ether	1.903	1.831	3.8	155	-0.07
6	T	Aniline	2.498	2.466	1.3	144	-0.07
7	S	Phenol-d6 (SU)	1.985	1.988	-0.2	150	-0.06
8	CM	Phenol	2.104	2.064	1.9	146	-0.07
9	M	2-Chlorophenol	1.429	1.420	0.6	148	-0.06
10	T	n-Decane	2.630	2.605	1.0	147	-0.06
11	T	1,3-Dichlorobenzene	1.376	1.354	1.6	146	-0.06
12	CM	1,4-Dichlorobenzene	1.692	1.673	1.1	145	-0.07
13	T	1,2-Dichlorobenzene	1.460	1.445	1.0	146	-0.06
14	T	Benzyl alcohol	0.908	0.922	-1.5	149	-0.07
15	T	bis(2-chloroisopropyl)ether	4.053	4.008	1.1	150	-0.06
16	T	2-Methylphenol	1.109	1.104	0.5	150	-0.06
17	T	Hexachloroethane	0.601	0.599	0.3	146	-0.07
18	PM	N-Nitroso-di-n-propylamine	1.250	1.283	-2.6	154	-0.08
19	T	4-Methylphenol	1.508	1.499	0.6	148	-0.06
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	144	-0.07
21	S	Nitrobenzene-d5 (SU)	0.487	0.497	-2.1	147	-0.07
22	T	Nitrobenzene	0.505	0.509	-0.8	148	-0.08
23	T	Isophorone	0.949	0.960	-1.2	150	-0.09
24	CT	2-Nitrophenol	0.250	0.263	-5.2	147	-0.07
25	T	2,4-Dimethylphenol	0.357	0.367	-2.8	149	-0.06
26	T	bis(2-Chloroethoxy)methane	0.574	0.586	-2.1	149	-0.07
27	CT	2,4-Dichlorophenol	0.326	0.342	-4.9	146	-0.06
28	M	1,2,4-Trichlorobenzene	0.344	0.358	-4.1	149	-0.06
29	T	Benzoic Acid	0.162	0.168	-3.7	137	-0.09
30	T	Naphthalene	0.980	0.974	0.6	144	-0.08
31	T	4-Chloroaniline	0.437	0.454	-3.9	147	-0.07
32	CT	Hexachlorobutadiene	0.174	0.178	-2.3	144	-0.07
33	CM	4-Chloro-3-methylphenol	0.307	0.320	-4.2	148	-0.07
34	T	2-Methylnaphthalene	0.576	0.588	-2.1	149	-0.07
35	T	2,3-Dichloroaniline	0.354	0.361	-2.0	148	-0.07
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	148	-0.07
37	PT	Hexachlorocyclopentadiene	0.240	0.197	17.9	113	-0.07
38	CT	2,4,6-Trichlorophenol	0.410	0.435	-6.1	150	-0.06
39	T	2,4,5-Trichlorophenol	0.440	0.464	-5.5	146	-0.07

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
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	1.343	1.5	148	-0.07
41	T	2-Chloronaphthalene	1.156	1.131	2.2	145	-0.07
42	T	2-Nitroaniline	0.472	0.472	0.0	143	-0.07
43	T	1,3-Dinitrobenzene	0.235	0.236	-0.4	143	-0.07
44	T	Acenaphthylene	1.694	1.652	2.5	144	-0.07
45	T	Dimethylphthalate	1.347	1.323	1.8	146	-0.07
46	T	2,6-Dinitrotoluene	0.348	0.362	-4.0	149	-0.07
47	CM	Acenaphthene	1.066	1.035	2.9	146	-0.07
48	T	3-Nitroaniline	0.345	0.318	7.8	135	-0.06
49	PT	2,4-Dinitrophenol	0.182	0.149	18.1	106	-0.07
50	T	Dibenzofuran	1.564	1.502	4.0	141	-0.07
51	M	2,4-Dinitrotoluene	0.426	0.432	-1.4	142	-0.07
52	PM	4-Nitrophenol	0.115	0.107	7.0	135	-0.06
53	T	Fluorene	1.262	1.230	2.5	144	-0.08
54	T	4-Chlorophenyl-phenylether	0.630	0.630	0.0	148	-0.07
55	T	Diethylphthalate	1.250	1.190	4.8	145	-0.07
56	T	Azobenzene	1.710	1.612	5.7	141	-0.07
57	T	4-Nitroaniline	0.309	0.280	9.4	129	-0.07
58	T	n-Octadecane	1.280	1.251	2.3	147	-0.06
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	141	-0.07
60	T	4,6-Dinitro-2-methylphenol	0.183	0.166	9.3	117	-0.07
61	CT	n-Nitrosodiphenylamine	0.578	0.582	-0.7	143	-0.07
62	S	2,4,6-Tribromophenol (SU)	0.143	0.152	-6.3	143	-0.07
63	T	4-Bromophenyl-phenylether	0.264	0.270	-2.3	144	-0.07
64	T	Hexachlorobenzene	0.301	0.307	-2.0	147	-0.07
65	CM	Pentachlorophenol	0.170	0.172	-1.2	134	-0.07
66	T	Phenanthrene	1.115	1.092	2.1	140	-0.07
67	T	Anthracene	1.113	1.023	8.1	134	-0.07
68	T	Carbazole	0.952	0.798	16.2	126	-0.06
69	T	Di-n-butylphthalate	1.597	1.618	-1.3	143	-0.05
70	CT	Fluoranthene	1.197	1.118	6.6	133	-0.04
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	117	-0.04
72	M	Pyrene	1.604	1.770	-10.3	131	-0.04
73	T	2,2'-Dichlorobenzil	1.151	1.368	-18.9	134	-0.04
74	S	Terphenyl-d14 (SU)	1.034	1.129	-9.2	125	-0.04
75	T	Benzidine	0.476	0.331	30.5#	77	-0.04
76	T	Butylbenzylphthalate	0.877	0.993	-13.2	130	-0.03
77	T	3,3'-Dichlorobenzidine	0.440	0.405	8.0	103	-0.04
78	T	Benzo[a]anthracene	1.283	1.272	0.9	115	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
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	1.117	2.4	117	-0.04
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.247	-15.2	134	-0.04
81	CT	Di-n-octylphthalate	1.518	1.609	-6.0#	119	-0.05
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	100	-0.07
83	T	Benzo[b]fluoranthene	1.387	1.468	-5.8	110	-0.06
84	T	Benzo[k]fluoranthene	1.300	1.222	6.0	101	-0.05
85	CT	Benzo[a]pyrene	1.162	1.198	-3.1	102	-0.07
86	T	Indeno[1,2,3-cd]pyrene	1.086	0.946	12.9	82	-0.07
87	T	Dibenz[a,h]anthracene	1.106	1.021	7.7	83	-0.07
88	T	Benzo[g,h,i]perylene	1.114	0.986	11.5	81	-0.07

(#) = Out of Range SPCC's out = 0 CCC's out = 1
SSTD050.D H7K07SV.M Mon Nov 12 19:15:18 2007 Page 3

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:11 19107

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.16	152	663123	40.00	ppm	-0.06
20) Naphthalene-d8 (IS)	10.00	136	2033455	40.00	ppm	-0.07
36) Acenaphthene-d10 (IS)	14.12	164	1057726	40.00	ppm	-0.07
59) Phenanthrene-d10 (IS)	17.53	188	1438915	40.00	ppm	-0.07
71) Chrysene-d12 (IS)	22.12	240	888395	40.00	ppm	-0.04
82) Perylene-d12 (IS)	24.92	264	728419	40.00	ppm	-0.07
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.80	112	1287122	50.71	ppm	-0.05
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.71%			
7) Phenol-d6 (SU)	6.76	99	1647591	50.08	ppm	-0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 50.08%			
21) Nitrobenzene-d5 (SU)	8.47	82	1263305	51.05	ppm	-0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 102.10%			
40) 2-Fluorobiphenyl (SU)	12.65	172	1775147	49.23	ppm	-0.07
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.46%			
62) 2,4,6-Tribromophenol (SU)	16.01	330	272654	52.87	ppm	-0.07
Spiked Amount 100.000	Range 45 - 130		Recovery = 52.87%			
74) Terphenyl-d14 (SU)	20.67	244	1253679	54.59	ppm	-0.04
Spiked Amount 50.000	Range 40 - 140		Recovery = 109.18%			

Target Compounds						Qvalue
3) Pyridine	2.74	79	1803817	49.66	ppm	# 38
4) n-Nitrosodimethylamine	2.83	74	1232076	49.75	ppm	94
5) bis(2-Chloroethyl)ether	6.80	93	1517441	48.10	ppm	94
6) Aniline	6.63	93	2043745	49.35	ppm	91
8) Phenol	6.78	94	1711188	49.06	ppm	# 64
9) 2-Chlorophenol	6.83	128	1177048	49.68	ppm	97
10) n-Decane	6.97	57	2159506	49.54	ppm	98
11) 1,3-Dichlorobenzene	7.07	146	1122148	49.20	ppm	98
12) 1,4-Dichlorobenzene	7.19	146	1387117	49.44	ppm	100
13) 1,2-Dichlorobenzene	7.58	146	1197508	49.49	ppm	99
14) Benzyl alcohol	7.64	108	764394	50.79	ppm	99
15) bis(2-chloroisopropyl)ethe	7.97	45	3322014	49.44	ppm	100
16) 2-Methylphenol	8.00	107	704723	38.34	ppm	93
17) Hexachloroethane	8.22	117	496621	49.84	ppm	100
18) N-Nitroso-di-n-propylamine	8.32	70	1063821	51.32	ppm	98
19) 4-Methylphenol	8.37	107	1242466	49.69	ppm	100
22) Nitrobenzene	8.52	77	1294451	50.46	ppm	100
23) Isophorone	9.09	82	2439405	50.54	ppm	100
24) 2-Nitrophenol	9.23	139	668730	52.55	ppm	100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:11 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	9.53	122	931861	51.30 ppm		100
26) bis(2-Chloroethoxy)methane	9.69	93	1490016	51.06 ppm		100
27) 2,4-Dichlorophenol	9.84	162	868112	52.34 ppm		99
28) 1,2,4-Trichlorobenzene	9.93	180	909884	52.00 ppm		100
29) Benzoic Acid	10.10	122	426188	43.72 ppm	#	42
30) Naphthalene	10.05	128	2475121	49.68 ppm		100
31) 4-Chloroaniline	10.33	127	1153690	51.90 ppm		99
32) Hexachlorobutadiene	10.52	225	452322	51.01 ppm		98
33) 4-Chloro-3-methylphenol	11.62	107	812606	52.13 ppm	#	1
34) 2-Methylnaphthalene	11.66	141	1493325	51.04 ppm	#	67
35) 2,3-Dichloroaniline	12.45	161	917391	50.95 ppm		99
37) Hexachlorocyclopentadiene	12.21	237	259912	38.12 ppm		99
38) 2,4,6-Trichlorophenol	12.48	196	575719	53.09 ppm		99
39) 2,4,5-Trichlorophenol	12.58	196	612911	52.63 ppm		99
41) 2-Chloronaphthalene	12.78	162	1495362	48.90 ppm		99
42) 2-Nitroaniline	13.21	65	623712	49.99 ppm		99
43) 1,3-Dinitrobenzene	13.77	168	312269	48.46 ppm		97
44) Acenaphthylene	13.74	152	2184353	48.77 ppm		100
45) Dimethylphthalate	13.81	163	1749535	49.11 ppm		100
46) 2,6-Dinitrotoluene	13.92	165	478438	52.06 ppm		98
47) Acenaphthene	14.20	154	1368140	48.55 ppm		99
48) 3-Nitroaniline	14.22	138	420957	46.16 ppm		98
49) 2,4-Dinitrophenol	14.44	184	196971	36.65 ppm		99
50) Dibenzofuran	14.58	168	1985904	48.01 ppm		99
51) 2,4-Dinitrotoluene	14.81	165	571337	50.73 ppm		99
52) 4-Nitrophenol	14.84	109	141401	43.23 ppm		97
53) Fluorene	15.37	166	1626669	48.75 ppm		99
54) 4-Chlorophenyl-phenylether	15.47	204	832978	50.00 ppm		99
55) Diethylphthalate	15.49	149	1573026	47.58 ppm		99
56) Azobenzene	15.84	77	2131159	47.13 ppm		99
57) 4-Nitroaniline	15.69	138	369866	45.19 ppm		98
58) n-Octadecane	17.64	57	1653652	48.85 ppm		99
60) 4,6-Dinitro-2-methylphenol	15.76	198	298665	45.43 ppm		98
61) n-Nitrosodiphenylamine	15.81	169	1047575	50.41 ppm		97
63) 4-Bromophenyl-phenylether	16.59	248	484912	51.02 ppm		99
64) Hexachlorobenzene	16.85	284	551376	50.92 ppm		99
65) Pentachlorophenol	17.34	266	308665	50.58 ppm		99
66) Phenanthrene	17.60	178	1963749	48.95 ppm		100
67) Anthracene	17.70	178	1839804	45.96 ppm		99
68) Carbazole	18.17	167	1435698	41.93 ppm		99
69) Di-n-butylphthalate	19.18	149	2909412	50.66 ppm		100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:11 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	19.96	202	2010885	46.68 ppm	99
72) Pyrene	20.31	202	1965974	55.19 ppm	99
73) 2,2'-Dichlorobenzil	20.53	139	1519448	59.45 ppm	100
75) Benzidine	20.27	184	367915	34.78 ppm	99
76) Butylbenzylphthalate	21.48	149	1102744	56.59 ppm	99
77) 3,3'-Dichlorobenzidine	22.13	252	449803	46.00 ppm	99
78) Benzo[a]anthracene	22.09	228	1412961	49.58 ppm	100
79) Chrysene	22.15	228	1239946	48.77 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.38	149	1384412	57.59 ppm	99
81) Di-n-octylphthalate	23.47	149	1786500	52.99 ppm	100
83) Benzo[b]fluoranthene	24.04	252	1336293	52.90 ppm	99
84) Benzo[k]fluoranthene	24.11	252	1112790	47.02 ppm	99
85) Benzo[a]pyrene	24.77	252	1090821	51.53 ppm	100
86) Indeno[1,2,3-cd]pyrene	27.39	276	861511	43.55 ppm	99
87) Dibenz[a,h]anthracene	27.47	278	930029	46.16 ppm	100
88) Benzo[g,h,i]perylene	27.94	276	897451	44.23 ppm	99

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

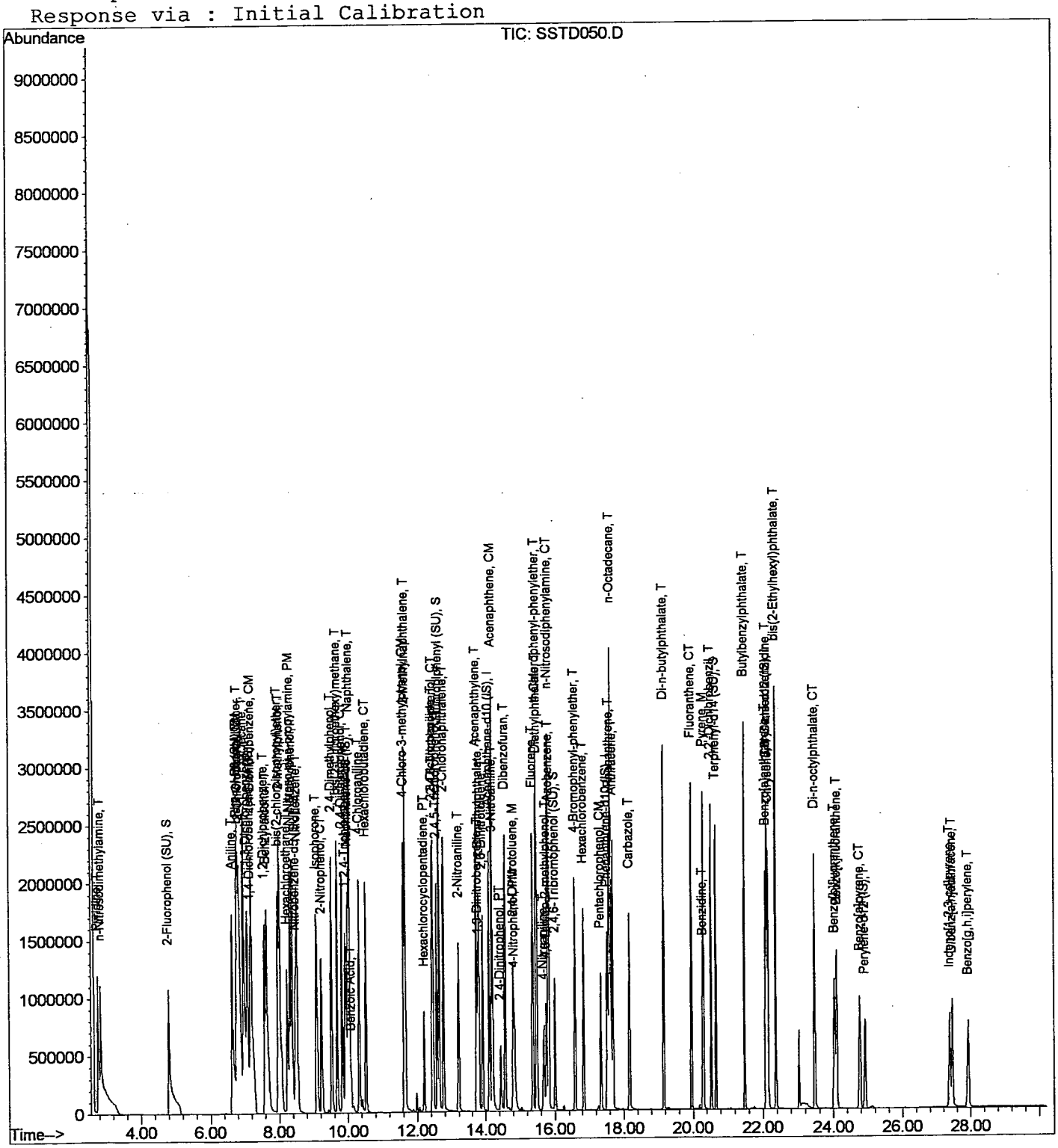
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\SSTD050.D
Acq On : 12 Nov 2007 6:27 pm
Sample : 50ppm MP STD# 7100431
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 12 19:11 19107

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

Quant Results File: H7K07SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112013.D
Acq On : 13 Nov 2007 2:24 am
Sample : 7K12065-BLK1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:23 19107

Vial: 15
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.18	152	570222	40.00	ppm	-0.05
20) Naphthalene-d8 (IS)	9.99	136	1841073	40.00	ppm	-0.08
36) Acenaphthene-d10 (IS)	14.10	164	983653	40.00	ppm	-0.09
59) Phenanthrene-d10 (IS)	17.51	188	1255439	40.00	ppm	-0.09
71) Chrysene-d12 (IS)	22.10	240	888894	40.00	ppm	-0.06
82) Perylene-d12 (IS)	24.88	264	607138	40.00	ppm	-0.11
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.96	112	1452523	66.55	ppm	0.11
Spiked Amount 100.000	Range 25 - 120		Recovery = 66.55%			
7) Phenol-d6 (SU)	6.81	99	2017348	71.31	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 71.31%			
21) Nitrobenzene-d5 (SU)	8.47	82	808816	36.10	ppm	-0.07
Spiked Amount 50.000	Range 30 - 120		Recovery = 72.20%			
40) 2-Fluorobiphenyl (SU)	12.62	172	1300729	38.79	ppm	-0.10
Spiked Amount 50.000	Range 35 - 120		Recovery = 77.58%			
62) 2,4,6-Tribromophenol (SU)	15.99	330	363903	80.87	ppm	-0.09
Spiked Amount 100.000	Range 35 - 120		Recovery = 80.87%			
74) Terphenyl-d14 (SU)	20.66	244	989923	43.08	ppm	-0.05
Spiked Amount 50.000	Range 35 - 155		Recovery = 86.16%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.47	70	116132	~~6.52~~	ppm	#NSM 79
45) Dimethylphthalate	14.10	163	204398	~~6.17~~	ppm	# 1
46) 2,6-Dinitrotoluene	14.10	165	127327	~~14.90~~	ppm	# 29
75) Benzidine	20.66	184	10526	~~0.99~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration
H1112013.D H7K07SV.M Tue Nov 13 07:23:38 2007

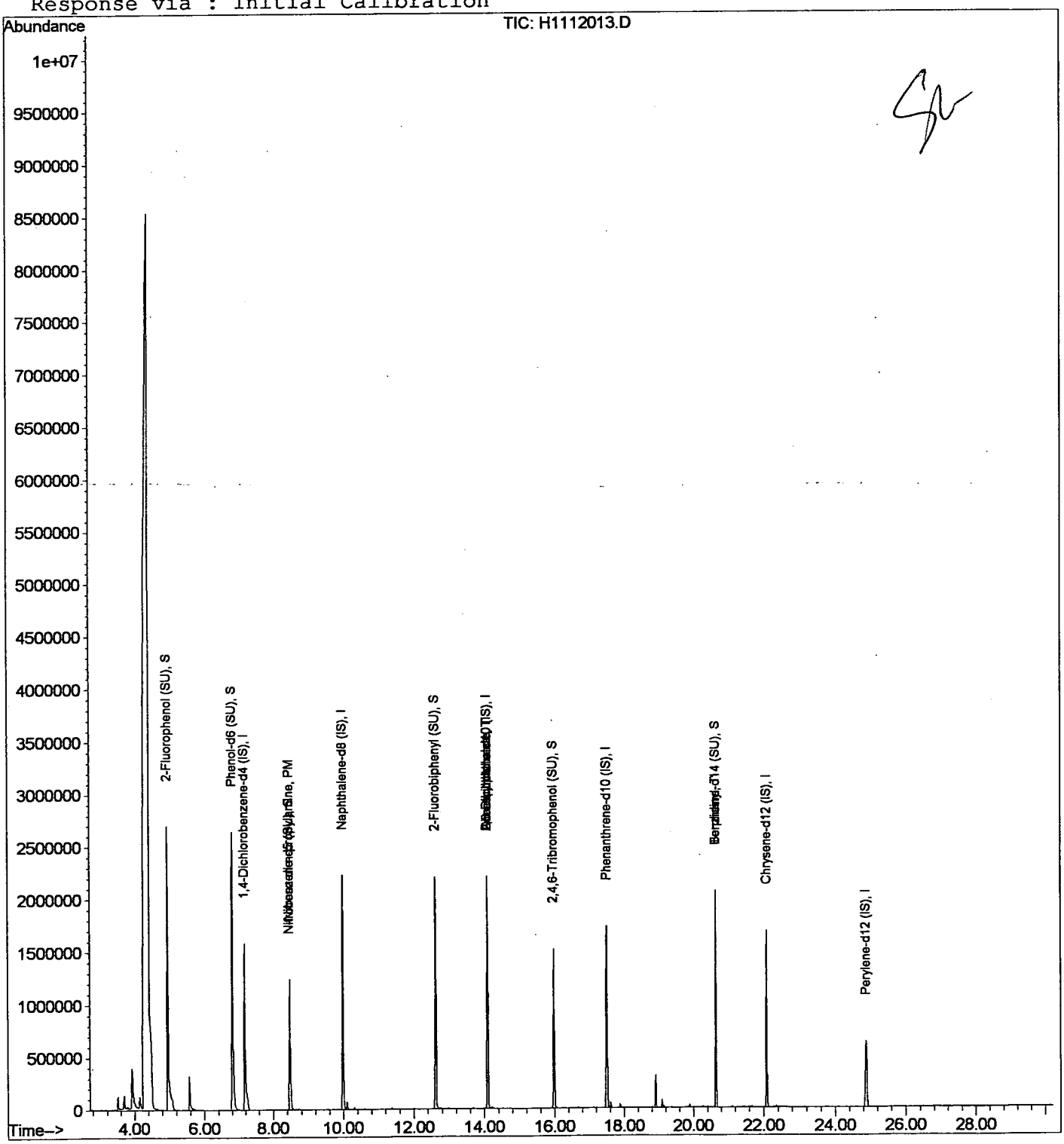
Quantitation Report

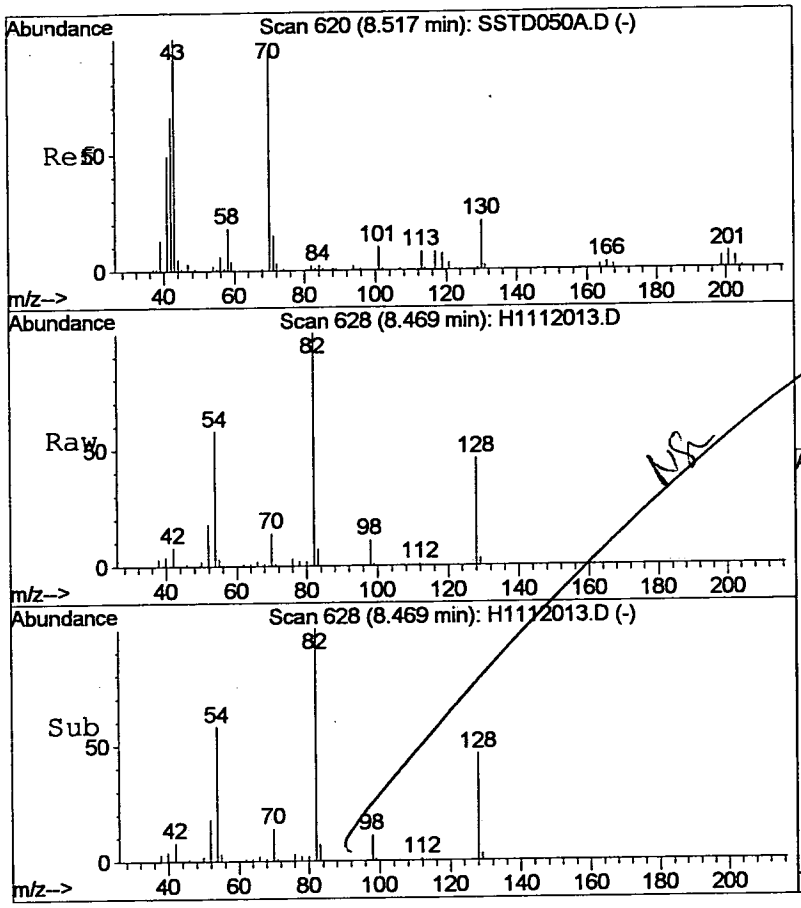
Data File : C:\GCMS8\DATA\07NOV12\H1112013.D
Acq On : 13 Nov 2007 2:24 am
Sample : 7K12065-BLK1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:23 19107

Vial: 15
Operator: AMI/DF
Inst : GCMS8
Multiplr: 1.00

Quant Results File: H7K07SV.RES

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

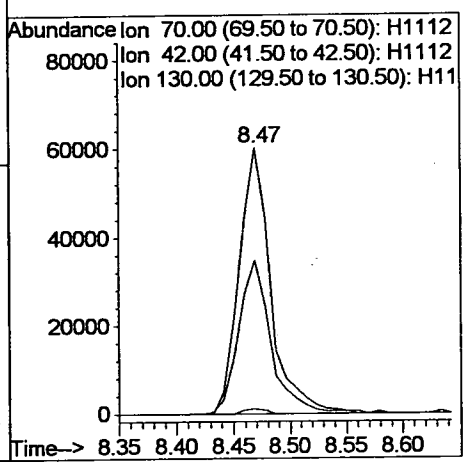


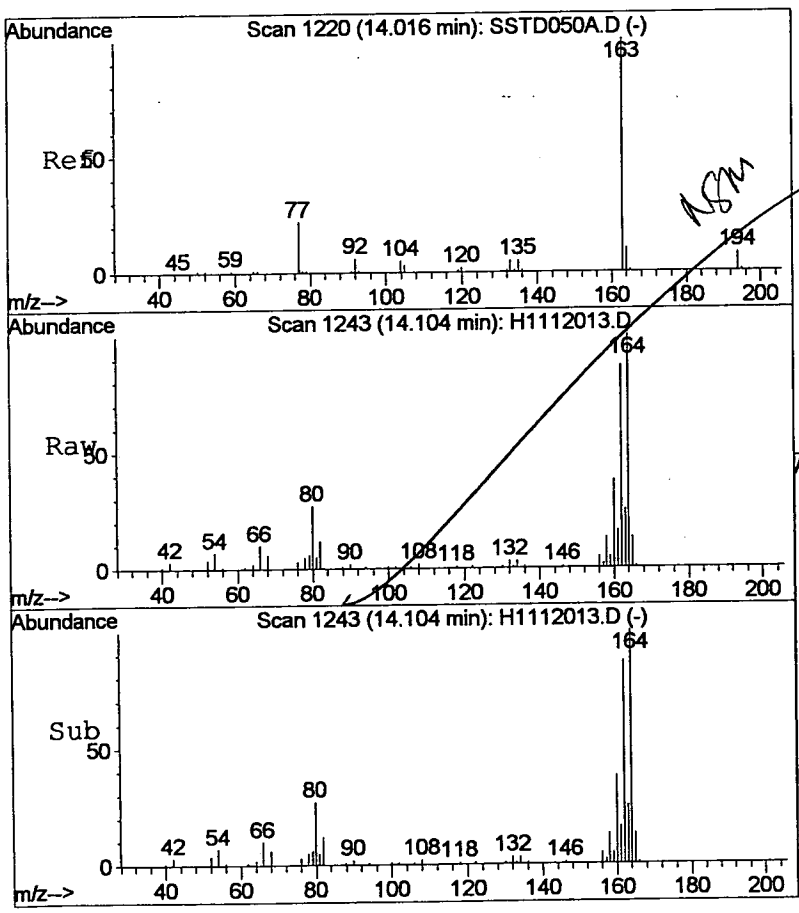


#18
N-Nitroso-di-n-propylamine
Concen: 6.52 ppm
RT: 8.47 min Scan# 628
Delta R.T. 0.07 min
Lab File: H1112013.D
Acq: 13 Nov 2007 2:24 am

Tgt Ion: 70 Resp: 116132

Ion	Ratio	Lower	Upper
70	100		
42	59.3	51.2	91.2
130	1.3	2.4	42.4#

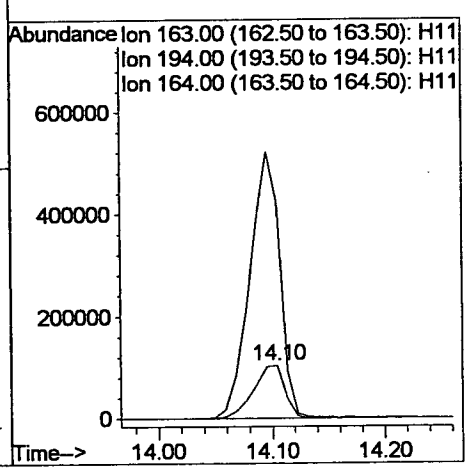


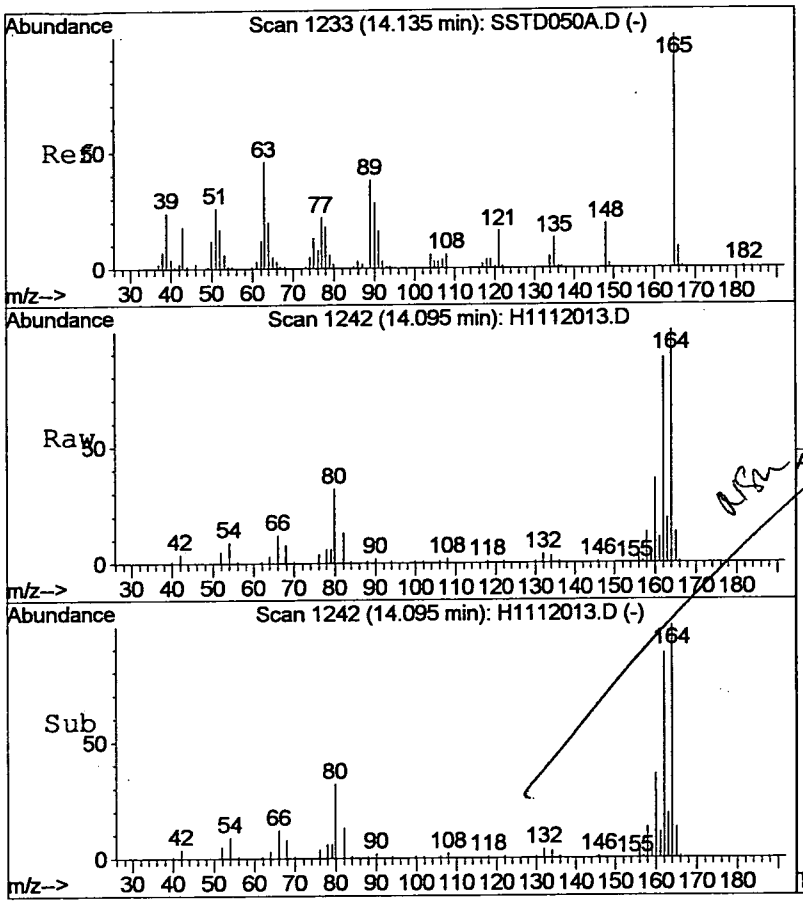


#45
Dimethylphthalate
Concen: 6.17 ppm
RT: 14.10 min Scan# 1243
Delta R.T. 0.22 min
Lab File: H1112013.D
Acq: 13 Nov 2007 2:24 am

Tgt Ion:163 Resp: 204398

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.9
164	479.4	0.0	30.2#

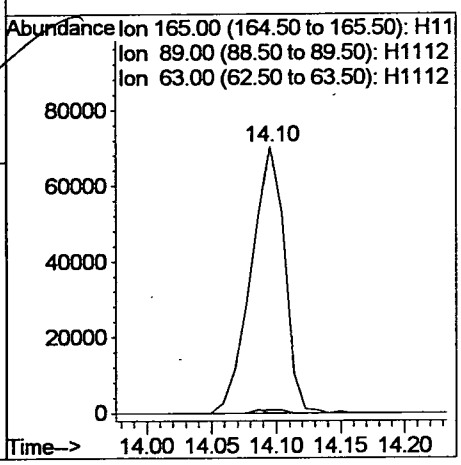


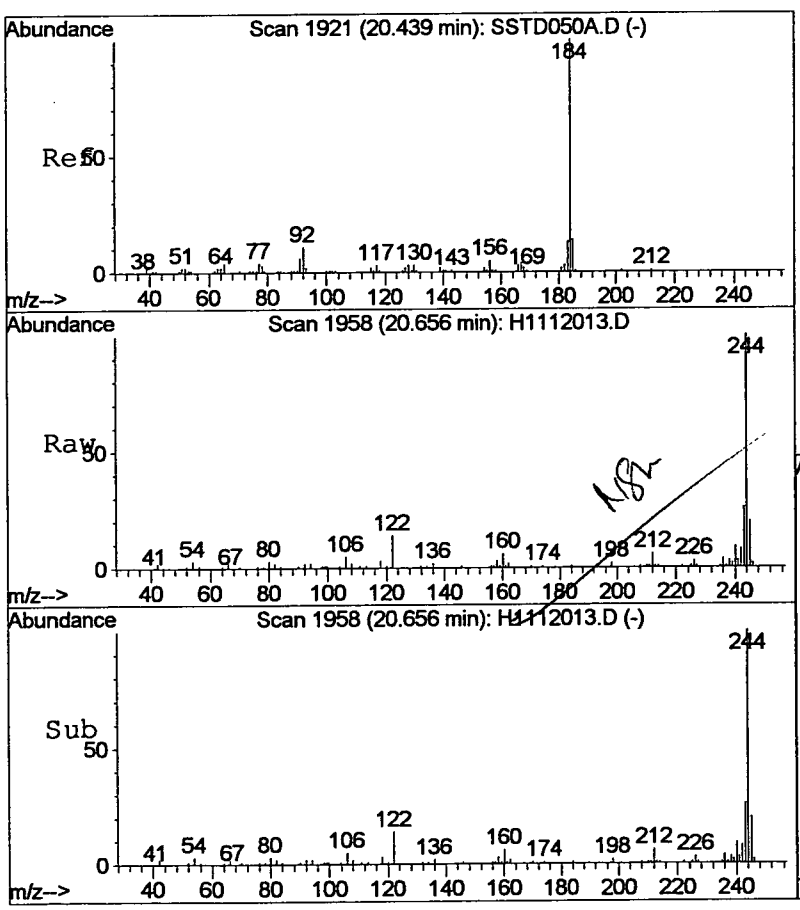


#46
2,6-Dinitrotoluene
Concen: 14.90 ppm
RT: 14.10 min Scan# 1242
Delta R.T. 0.10 min
Lab File: H1112013.D
Acq: 13 Nov 2007 2:24 am

Tgt Ion:165 Resp: 127327

Ion	Ratio	Lower	Upper
165	100		
89	1.0	22.1	62.1#
63	0.0	34.6	74.6#

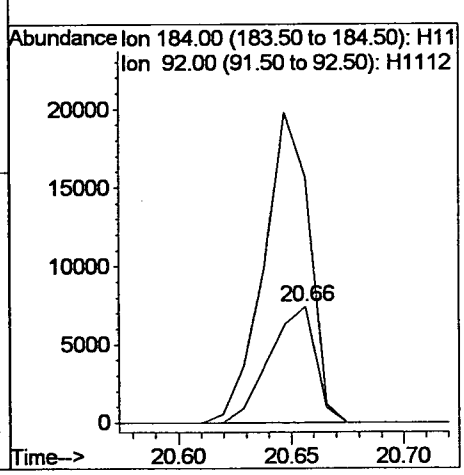




#75
Benzidine
Concen: 0.99 ppm
RT: 20.66 min Scan# 1958
Delta R.T. 0.34 min
Lab File: H1112013.D
Acq: 13 Nov 2007 2:24 am

Tgt Ion:184 Resp: 10526

Ion	Ratio	Lower	Upper
184	100		
92	264.7	0.0	32.6#



Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.18	152	598055	40.00	ppm	-0.04
20) Naphthalene-d8 (IS)	10.01	136	1874860	40.00	ppm	-0.07
36) Acenaphthene-d10 (IS)	14.11	164	1003189	40.00	ppm	-0.08
59) Phenanthrene-d10 (IS)	17.53	188	1330392	40.00	ppm	-0.08
71) Chrysene-d12 (IS)	22.11	240	852326	40.00	ppm	-0.05
82) Perylene-d12 (IS)	24.90	264	571647	40.00	ppm	-0.09
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.96	112	1432983	62.60	ppm	0.11
Spiked Amount 100.000	Range 25 - 120		Recovery = 62.60%			
7) Phenol-d6 (SU)	6.83	99	1941296	65.43	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 65.43%			
21) Nitrobenzene-d5 (SU)	8.48	82	774682	33.96	ppm	-0.06
Spiked Amount 50.000	Range 30 - 120		Recovery = 67.92%			
40) 2-Fluorobiphenyl (SU)	12.64	172	1202005	35.15	ppm	-0.09
Spiked Amount 50.000	Range 35 - 120		Recovery = 70.30%			
62) 2,4,6-Tribromophenol (SU)	16.01	330	387888	81.34	ppm	-0.08
Spiked Amount 100.000	Range 35 - 120		Recovery = 81.34%			
74) Terphenyl-d14 (SU)	20.65	244	969123	43.98	ppm	-0.06
Spiked Amount 50.000	Range 35 - 155		Recovery = 87.96%			
Target Compounds						Qvalue
3) Pyridine	2.79	79	763900	23.32	ppm	# 20
4) n-Nitrosodimethylamine	2.87	74	673914	30.17	ppm	94
5) bis(2-Chloroethyl)ether	6.82	93	790959	27.80	ppm	# 78
6) Aniline	6.66	93	1179648	31.58	ppm	85
8) Phenol	6.84	94	1069588	34.00	ppm	# 79
9) 2-Chlorophenol	6.88	128	719344	33.67	ppm	97
10) n-Decane	6.98	57	1049686	26.70	ppm	100
11) 1,3-Dichlorobenzene	7.09	146	687713	33.43	ppm	97
12) 1,4-Dichlorobenzene	7.21	146	730578	28.87	ppm	98
13) 1,2-Dichlorobenzene	7.60	146	691976	31.71	ppm	100
14) Benzyl alcohol	7.67	108	482538	35.55	ppm	97
15) bis(2-chloroisopropyl)ethe	7.97	45	2168905	35.79	ppm	82
16) 2-Methylphenol	8.04	107	592516	35.75	ppm	99
17) Hexachloroethane	8.24	117	277172	30.84	ppm	98
18) N-Nitroso-di-n-propylamine	8.32	70	706130	37.77	ppm	98
19) 4-Methylphenol	8.38	107	837671	37.15	ppm	99
22) Nitrobenzene	8.52	77	828526	35.03	ppm	99
23) Isophorone	9.08	82	1585938	35.64	ppm	99
24) 2-Nitrophenol	9.24	139	427780	36.46	ppm	99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.52	122	578909	34.56	ppm		99
26) bis(2-Chloroethoxy)methane	9.68	93	958074	35.61	ppm		100
27) 2,4-Dichlorophenol	9.83	162	597540	39.07	ppm		100
28) 1,2,4-Trichlorobenzene	9.93	180	568368	35.23	ppm		100
29) Benzoic Acid	10.08	122	345251	39.41	ppm		98
30) Naphthalene	10.05	128	1592024	34.66	ppm		100
31) 4-Chloroaniline	10.33	127	578241	28.21	ppm		98
32) Hexachlorobutadiene	10.52	225	288469	35.28	ppm		99
33) 4-Chloro-3-methylphenol	11.62	107	575775	40.06	ppm	#	1
34) 2-Methylnaphthalene	11.65	141	1031705	38.25	ppm	#	67
35) 2,3-Dichloroaniline	12.44	161	610214	36.75	ppm		100
37) Hexachlorocyclopentadiene	12.20	237	205248	32.10	ppm		98
38) 2,4,6-Trichlorophenol	12.47	196	407785	39.65	ppm		99
39) 2,4,5-Trichlorophenol	12.57	196	444275	40.23	ppm		97
41) 2-Chloronaphthalene	12.77	162	1045575	36.05	ppm		99
42) 2-Nitroaniline	13.20	65	469201	39.65	ppm		99
43) 1,3-Dinitrobenzene	13.76	168	260325	42.74	ppm		97
44) Acenaphthylene	13.73	152	1750923	41.22	ppm		100
45) Dimethylphthalate	13.80	163	1301747	38.52	ppm		99
46) 2,6-Dinitrotoluene	13.91	165	355485	40.79	ppm		99
47) Acenaphthene	14.18	154	1001681	37.47	ppm		99
48) 3-Nitroaniline	14.20	138	282544	32.66	ppm		99
49) 2,4-Dinitrophenol	14.43	184	155065	31.55	ppm		99
50) Dibenzofuran	14.57	168	1480108	37.73	ppm		100
51) 2,4-Dinitrotoluene	14.80	165	432451	40.49	ppm		97
52) 4-Nitrophenol	14.83	109	109255	36.27	ppm		97
53) Fluorene	15.37	166	1200520	37.94	ppm		99
54) 4-Chlorophenyl-phenylether	15.47	204	607886	38.47	ppm		100
55) Diethylphthalate	15.49	149	1194689	38.10	ppm		99
56) Azobenzene	15.82	77	1628356	37.97	ppm		99
57) 4-Nitroaniline	15.68	138	284753	36.69	ppm		98
58) n-Octadecane	17.63	57	1276678	39.77	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.74	198	243235	40.02	ppm		97
61) n-Nitrosodiphenylamine	15.81	169	810091	42.16	ppm		100
63) 4-Bromophenyl-phenylether	16.58	248	353627	40.24	ppm		99
64) Hexachlorobenzene	16.83	284	404011	40.36	ppm		100
65) Pentachlorophenol	17.34	266	219802	38.95	ppm		98
66) Phenanthrene	17.58	178	1503226	40.53	ppm		100
67) Anthracene	17.68	178	1452553	39.25	ppm		99
68) Carbazole	18.16	167	1264152	39.93	ppm		99
69) Di-n-butylphthalate	19.16	149	2228360	41.96	ppm		100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Fluoranthene	19.95	202	1590990	39.95	ppm	100
72) Pyrene	20.30	202	1545471	45.22	ppm	99
73) 2,2'-Dichlorobenzil	20.53	139	1166751	47.58	ppm	99
75) Benzidine	20.26	184	214080	21.09	ppm	99
76) Butylbenzylphthalate	21.47	149	879047	47.02	ppm	100
77) 3,3'-Dichlorobenzidine	22.11	252	316367	33.72	ppm	99
78) Benzo[a]anthracene	22.07	228	1170787	42.82	ppm	99
79) Chrysene	22.15	228	1021673	41.89	ppm	99
80) bis(2-Ethylhexyl)phthalate	22.37	149	1047847	45.43	ppm	99
81) Di-n-octylphthalate	23.46	149	1377097	42.58	ppm	100
83) Benzo[b]fluoranthene	24.02	252	1021756	51.54	ppm	100
84) Benzo[k]fluoranthene	24.08	252	957472	51.55	ppm	99
85) Benzo[a]pyrene	24.76	252	911844	54.89	ppm	99
86) Indeno[1,2,3-cd]pyrene	27.38	276	724921	46.69	ppm	99
87) Dibenz[a,h]anthracene	27.45	278	757083	47.88	ppm	99
88) Benzo[g,h,i]perylene	27.92	276	740146	46.48	ppm	99

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

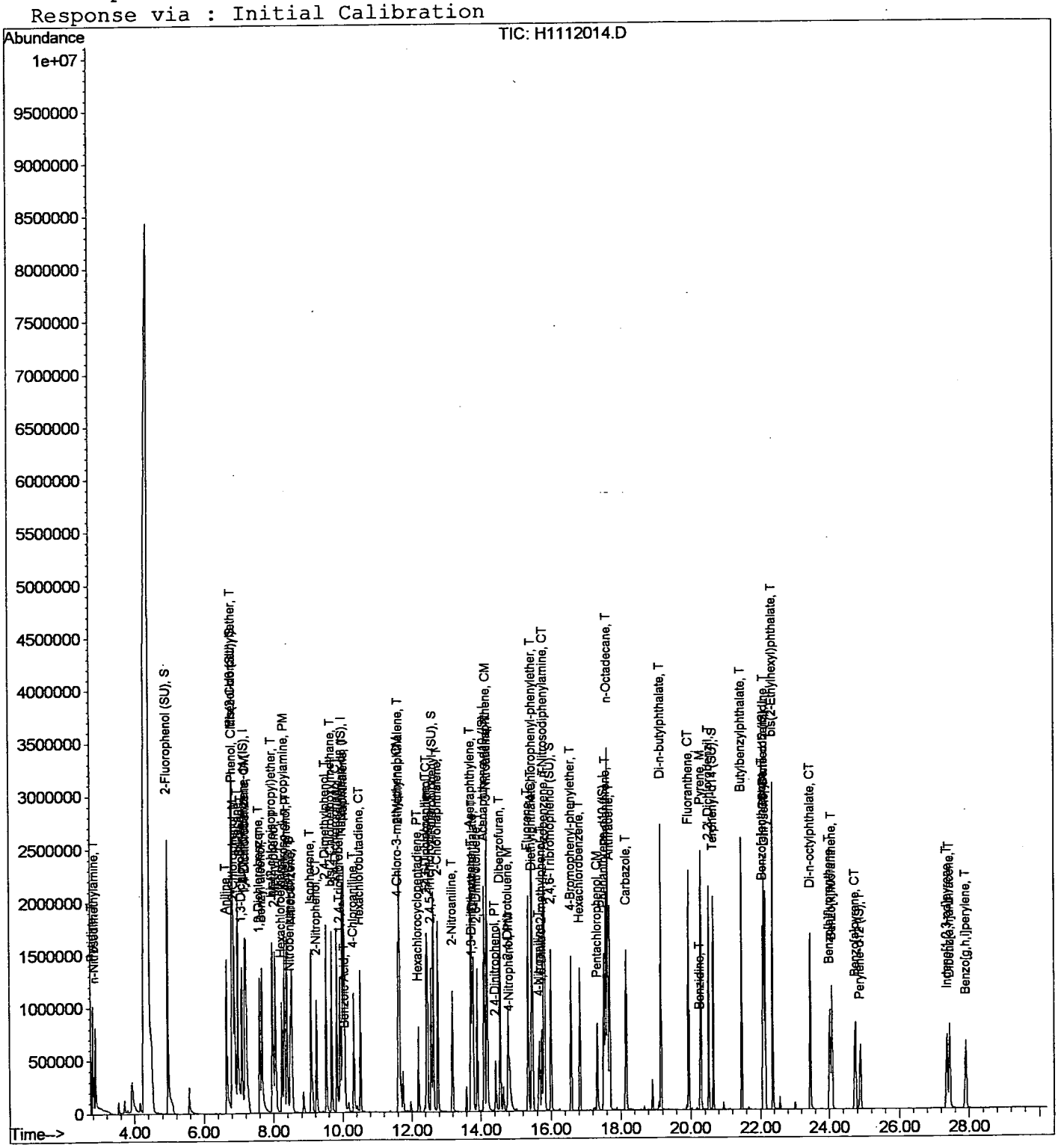
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.18	152	598055	40.00	ppm	-0.04
20) Naphthalene-d8 (IS)	10.01	136	1874860	40.00	ppm	-0.07
36) Acenaphthene-d10 (IS)	14.11	164	1003189	40.00	ppm	-0.08
59) Phenanthrene-d10 (IS)	17.53	188	1330392	40.00	ppm	-0.08
71) Chrysene-d12 (IS)	22.11	240	852326	40.00	ppm	-0.05
82) Perylene-d12 (IS)	24.90	264	571647	40.00	ppm	-0.09
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.96	112	1432983	62.60	ppm	0.11
Spiked Amount 100.000	Range 25 - 120		Recovery =	62.60%		
7) Phenol-d6 (SU)	6.83	99	1941296	65.43	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery =	65.43%		
21) Nitrobenzene-d5 (SU)	8.48	82	774682	33.96	ppm	-0.06
Spiked Amount 50.000	Range 30 - 120		Recovery =	67.92%		
40) 2-Fluorobiphenyl (SU)	12.64	172	1202005	35.15	ppm	-0.09
Spiked Amount 50.000	Range 35 - 120		Recovery =	70.30%		
62) 2,4,6-Tribromophenol (SU)	16.01	330	387888	81.34	ppm	-0.08
Spiked Amount 100.000	Range 35 - 120		Recovery =	81.34%		
74) Terphenyl-d14 (SU)	20.65	244	969123	43.98	ppm	-0.06
Spiked Amount 50.000	Range 35 - 155		Recovery =	87.96%		
Target Compounds						Qvalue
3) Pyridine	2.79	79	763900	23.32	ppm	# 20
4) n-Nitrosodimethylamine	2.87	74	673914	30.17	ppm	94
5) bis(2-Chloroethyl)ether	6.82	93	790959	27.80	ppm	# 78
6) Aniline	6.66	93	1179648	31.58	ppm	85
8) Phenol	6.84	94	1069588	34.00	ppm	# 79
9) 2-Chlorophenol	6.88	128	719344	33.67	ppm	97
10) n-Decane	6.98	57	1049686	26.70	ppm	100
11) 1,3-Dichlorobenzene	7.09	146	687713	33.43	ppm	97
12) 1,4-Dichlorobenzene	7.21	146	730578	28.87	ppm	98
13) 1,2-Dichlorobenzene	7.60	146	691976	31.71	ppm	100
14) Benzyl alcohol	7.67	108	482538	35.55	ppm	97
15) bis(2-chloroisopropyl)ethe	7.97	45	2168905	35.79	ppm	82
16) 2-Methylphenol	8.04	107	592516	35.75	ppm	99
17) Hexachloroethane	8.24	117	277172	30.84	ppm	98
18) N-Nitroso-di-n-propylamine	8.32	70	706130	37.77	ppm	98
19) 4-Methylphenol	8.38	107	837671	37.15	ppm	99
22) Nitrobenzene	8.52	77	828526	35.03	ppm	99
23) Isophorone	9.08	82	1585938	35.64	ppm	99
24) 2-Nitrophenol	9.24	139	427780	36.46	ppm	99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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 : Mon Dec 20 14:57:43 2004
Response via : Initial Calibration
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25) 2,4-Dimethylphenol	9.52	122	578909	34.56	ppm		99
26) bis(2-Chloroethoxy)methane	9.68	93	958074	35.61	ppm		100
27) 2,4-Dichlorophenol	9.83	162	597540	39.07	ppm		100
28) 1,2,4-Trichlorobenzene	9.93	180	568368	35.23	ppm		100
29) Benzoic Acid	10.08	122	345251	39.41	ppm		98
30) Naphthalene	10.05	128	1592024	34.66	ppm		100
31) 4-Chloroaniline	10.33	127	578241	28.21	ppm		98
32) Hexachlorobutadiene	10.52	225	288469	35.28	ppm		99
33) 4-Chloro-3-methylphenol	11.62	107	575775	40.06	ppm	#	1
34) 2-Methylnaphthalene	11.65	141	1031705	38.25	ppm	#	67
35) 2,3-Dichloroaniline	12.44	161	610214	36.75	ppm		100
37) Hexachlorocyclopentadiene	12.20	237	205248	32.10	ppm		98
38) 2,4,6-Trichlorophenol	12.47	196	407785	39.65	ppm		99
39) 2,4,5-Trichlorophenol	12.57	196	444275	40.23	ppm		97
41) 2-Chloronaphthalene	12.77	162	1045575	36.05	ppm		99
42) 2-Nitroaniline	13.20	65	469201	39.65	ppm		99
43) 1,3-Dinitrobenzene	13.76	168	260325	42.74	ppm		97
44) Acenaphthylene	13.73	152	1750923	41.22	ppm		100
45) Dimethylphthalate	13.80	163	1301747	38.52	ppm		99
46) 2,6-Dinitrotoluene	13.91	165	355485	40.79	ppm		99
47) Acenaphthene	14.18	154	1001681	37.47	ppm		99
48) 3-Nitroaniline	14.20	138	282544	32.66	ppm		99
49) 2,4-Dinitrophenol	14.43	184	155065	31.55	ppm		99
50) Dibenzofuran	14.57	168	1480108	37.73	ppm		100
51) 2,4-Dinitrotoluene	14.80	165	432451	40.49	ppm		97
52) 4-Nitrophenol	14.83	109	109255	36.27	ppm		97
53) Fluorene	15.37	166	1200520	37.94	ppm		99
54) 4-Chlorophenyl-phenylether	15.47	204	607886	38.47	ppm		100
55) Diethylphthalate	15.49	149	1194689	38.10	ppm		99
56) Azobenzene	15.82	77	1628356	37.97	ppm		99
57) 4-Nitroaniline	15.68	138	284753	36.69	ppm		98
58) n-Octadecane	17.63	57	1276678	39.77	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.74	198	243235	40.02	ppm		97
61) n-Nitrosodiphenylamine	15.81	169	810091	42.16	ppm		100
63) 4-Bromophenyl-phenylether	16.58	248	353627	40.24	ppm		99
64) Hexachlorobenzene	16.83	284	404011	40.36	ppm		100
65) Pentachlorophenol	17.34	266	219802	38.95	ppm		98
66) Phenanthrene	17.58	178	1503226	40.53	ppm		100
67) Anthracene	17.68	178	1452553	39.25	ppm		99
68) Carbazole	18.16	167	1264152	39.93	ppm		99
69) Di-n-butylphthalate	19.16	149	2228360	41.96	ppm		100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D Vial: 16
Acq On : 13 Nov 2007 3:01 am Operator: AMI/DF
Sample : 7K12065-BS1 Inst : GCMS8
Misc : SOIL 15G/1ml ---- BATCH 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107 Quant Results File: H7K07SV.RES

Quant 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
DataAcq Meth : H7K07SV

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Fluoranthene	19.95	202	1590990	39.95 ppm	100
72) Pyrene	20.30	202	1545471	45.22 ppm	99
73) 2,2'-Dichlorobenzil	20.53	139	1166751	47.58 ppm	99
75) Benzidine	20.26	184	214080	21.09 ppm	99
76) Butylbenzylphthalate	21.47	149	879047	47.02 ppm	100
77) 3,3'-Dichlorobenzidine	22.11	252	316367	33.72 ppm	99
78) Benzo[a]anthracene	22.07	228	1170787	42.82 ppm	99
79) Chrysene	22.15	228	1021673	41.89 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.37	149	1047847	45.43 ppm	99
81) Di-n-octylphthalate	23.46	149	1377097	42.58 ppm	100
83) Benzo[b]fluoranthene	24.02	252	1021756	51.54 ppm	100
84) Benzo[k]fluoranthene	24.08	252	957472	51.55 ppm	99
85) Benzo[a]pyrene	24.76	252	911844	54.89 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.38	276	724921	46.69 ppm	99
87) Dibenz[a,h]anthracene	27.45	278	757083	47.88 ppm	99
88) Benzo[g,h,i]perylene	27.92	276	740146	46.48 ppm	99

(#) = qualifier out of range (m) = manual integration
H1112014.D H7K07SV.M Tue Nov 13 09:26:48 2007 Page 3

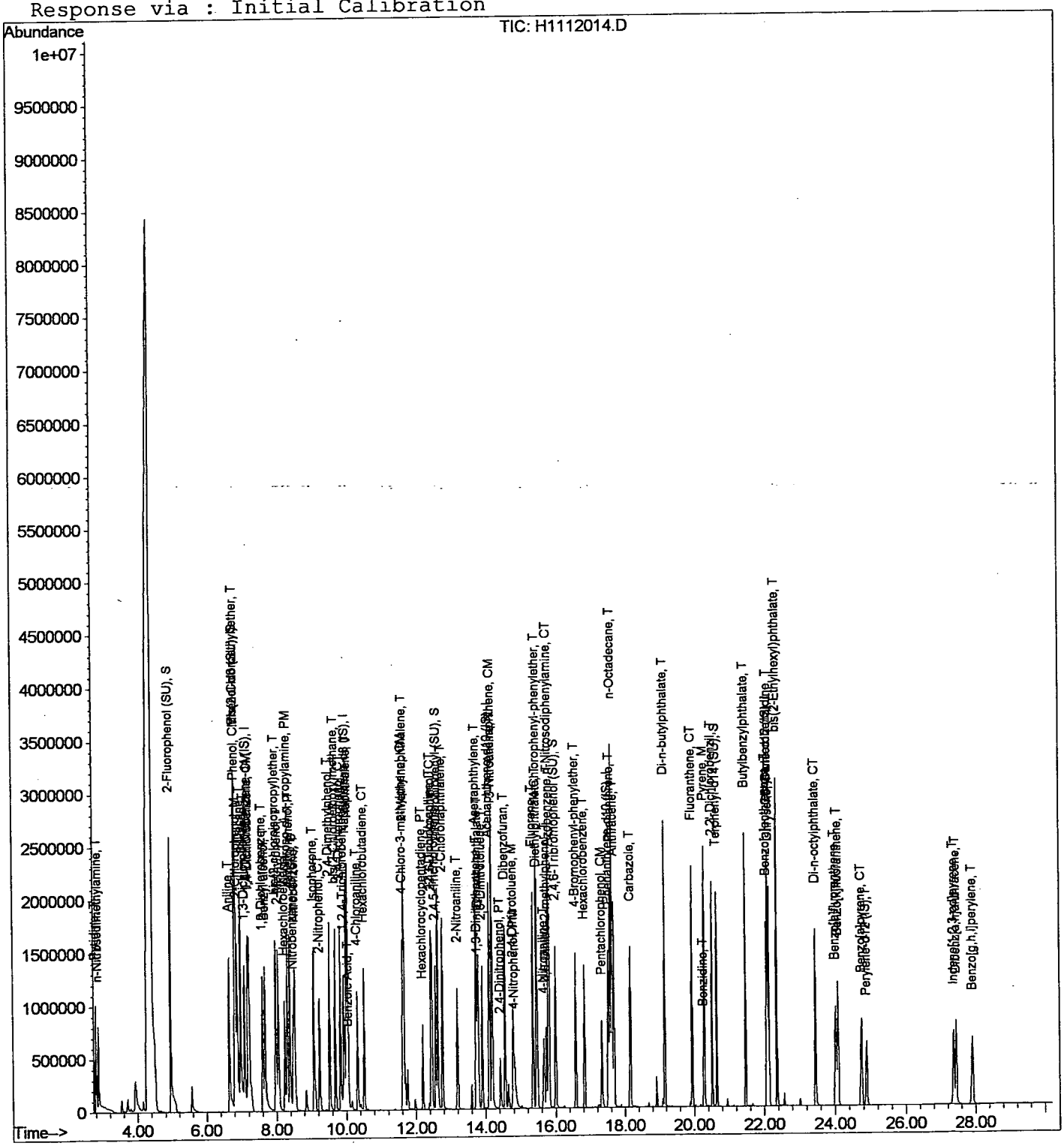
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV12\H1112014.D
Acq On : 13 Nov 2007 3:01 am
Sample : 7K12065-BS1
Misc : SOIL 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 13 7:14 19107

Vial: 16
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



GC/MS DAILY LOG SUMMARY

DATE: 11-16-07 **DATAFILE:** \\GCMS8 \DATA\ 07NOV16

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 @ 13:23				
2	50ppm Midpoint STD	***	SSTD050	***					
3	1QK1212-05	-	H1116001	S	KS	13073	LB 11-17-07	11/19/07	
4	1QK1137-09	-	02			12065			
5	-10	-	03						
6	-11	-	04						
7	1QK1211-01	-	05	W		13105	LB 11-17-07		
8	-02	-	06						
9	-03	-	07						
10	-04	-	08						
11	1QK1099-02	-	09	S		13073	LB 11-17-07		
12	-03	-	10						
13	1QK1212-01	2X	11	W		13105			
14	1QK1050-01	-	12	S		12065			
15	1QK0928-09	5X	13						
16	-02	-	14						
17	-03	-	15						
18	-04	-	16						
19	1QK0784-01	5X	17			08111	LB 11-17-01	11/19/07	Dark ext.
20	1QK1050-02	2X	18			12065			
21	1QK1034-01	2X	19			13073	LB 11-17-07		
22	1QK1051-02	2X	20	W	LB	13105			BLS-625
23	1QK1109-01	5X	21						
24	1QK1113-01	5X	22						
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110273 Calibration: 7110295

PREPARATION BENCH SHEET

7K12065

TestAmerica - Irvine, CA

Printed: 11/12/2007 4:44:46PM

Matrix: Soil **Prepared using: Extractions - EPA 3545** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials	Extraction Comments
7K12065-BLK1		QC	11/12/07 08:57	15	1			0	500	4b	
7K12065-BS1		QC	11/12/07 08:57	15	1		7100743	250	500		
7K12065-MS1		QC	11/12/07 08:57	15	1	IQK1137-05	7100743	250	500		
7K12065-MSD1		QC	11/12/07 08:57	15	1	IQK1137-05	7100743	250	500		
IQK0928-01	C	8270C-Default	11/12/07 08:57	15	1				500		
IQK0928-02	C	8270C-Default	11/12/07 08:57	15	1				500		
IQK0928-03	C	8270C-Default	11/12/07 08:57	15	1				500		
IQK0928-04	C	8270C-Default	11/12/07 08:57	15	1				500		
IQK1050-01	A	8270C/3545 (Default)	11/12/07 08:57	15	1				500		
IQK1050-02	A	8270C/3545 (Default)	11/12/07 08:57	15	2				500		Dark.
IQK1137-01	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-02	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-03	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-04	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-05	A	8270C-Default	11/12/07 08:57	15	1				500		Added for BatchQC in: 7K12065
IQK1137-05	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-05	A	8270C/3545 (Default)	11/12/07 08:57	15	1				500		Added for BatchQC in: 7K12065
IQK1137-06	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-07	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags
IQK1137-08	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500		J flags

Spiking Witnessed By Date

4.6. 11/12/07
Preparation Reviewed By Date

LB 11-12-07
Extracts Received By Date

PREPARATION BENCH SHEET

7K12065

TestAmerica - Irvine, CA

Printed: 11/12/2007 4:44:46PM

Matrix: Soil **Prepared using: Extractions - EPA 3545** **Surrogate used: 7100729**

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials		Extraction Comments
IQK1137-09	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500			J flags
IQK1137-10	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500			J flags
IQK1137-11	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				500			J flags

Reagents used in Batch

Reagent	Description	Solvent
Me Cl2	J.T.B. E41E60	
Acetone	J.T.B. E08E12	
Na2 So4	EMD 47193734	

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K12065

TestAmerica - Irvine, CA

Printed: 11/12/2007 4:33:11PM

Matrix: Soil **Prepared using: Extractions - EPA 3545** 7100729 ~~(No Surrogate)~~

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials	Extraction Comments
7K12065-BLK1		QC	11/12/07 08:57	15	1			0	500	A.G	
7K12065-BS1		QC	11/12/07 08:57	15	1		7100743	~~100~~ 75			
7K12065-MS1		QC	11/12/07 08:57	15	1	1137.5		~~100~~ 75			
7K12065-MSD1		QC	11/12/07 08:57	15	1	↓	↓	~~100~~ 0			
IQK0928-01	C	8270C-Default	11/12/07 08:57	15	1						
IQK0928-02	C	8270C-Default	11/12/07 08:57	15	1						
IQK0928-03	C	8270C-Default	11/12/07 08:57	15	1						
IQK0928-04	C	8270C-Default	11/12/07 08:57	15	1						
IQK1050-01	A	8270C/3545 (Default)	11/12/07 08:57	15	1						
IQK1050-02	A	8270C/3545 (Default)	11/12/07 08:57	15	~~1~~ 2						Dark.
IQK1137-01	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-02	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-03	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-04	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-05	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-06	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-07	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-08	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-09	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1						J flags
IQK1137-10	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				↓	↓	J flags

A.G. 11/12/07

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K12065

TestAmerica - Irvine, CA

Printed: 11/12/2007 4:33:11PM

Matrix: Soil **Prepared using: Extractions - EPA 3545** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	ul Surrogate	Initials	Extraction Comments
IQK1137-11	A	8270C-Dichlorobenzil	11/12/07 08:57	15	1				↓	↓	J flags

MeCl2 J.T.B. E41E60

Acetone J.T.B. E08E12

Na2SO4 EMD. 471935734

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

GC/MS QA-QC Check Report

Tune File : C:\GCMS8\DATA\07NOV16\STUN1.D
Tune Time : 16 Nov 2007 1:23 pm

Daily Calibration File : C:\GCMS8\DATA\07NOV16\SSTD050.D

							(DCB)	(NPT)	(ANT)	(PHN)	(CRY)	(PRY)
		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	607599	1872490	922846	1222920	856104	641031
File	Sample	Surrogate Recovery %						Internal Standard Responses					
H1116001.D	IQK1212-05	57	60	61	71	77	78	537772	1707076	836891	1046590	753398	550191
H1116002.D	IQK1137-09	59	61	63	74	79	76	550700	1731562	863859	1068198	777808	527796
H1116003.D	IQK1137-10	62	67	69	78	77	76	522675	1668253	834023	1120442	942994	686559
H1116004.D	IQK1137-11	56	57	61	68	73	75	586406	1801283	890595	1094775	750442	528091
H1116005.D	IQK1211-01	66	68	74	81	92	85	521308	1597221	769908	937765	659374	427939
H1116006.D	IQK1211-02	68	72	78	86	99	94	534891	1659907	798954	955259	652588	432834
H1116007.D	IQK1211-03	59	62	69	79	91	84	528492	1676284	805470	998126	703824	464309
H1116008.D	IQK1211-04	63	68	74	84	93	88	513247	1585459	769907	950236	678152	456023
H1116009.D	IQK1099-02	71	73	75	85	92	84	559961	1772014	896023	1207249	937859	716412
H1116010.D	IQK1099-03	71	73	74	84	96	85	557590	1754395	887726	1124524	851178	599219
H1116011.D	IQK1212-01	27*	7*	29*	33*	43*	44	501859	1594833	769462	1012960	645165	441296
H1116012.D	IQK1050-01	56	59	59	68	78	72	576296	1850077	951865	1235282	889589	653979
H1116013.D	IQK0928-01	12*	12*	12*	16*	19*	18*	516543	1612231	751921	929427	725833	532028
H1116014.D	IQK0928-02	56	61	61	73	95	88	528377	1694189	843682	945702	567991	370461
H1116015.D	IQK0928-03	55	65	69	78	77	83	542003	1794848	907210	1177742	840724	566899
H1116016.D	IQK0928-04	47	54	57	66	65	70	547946	1773936	897177	1162234	900624	604808
H1116017.D	IQK0784-01	6*	6*	6*	7*	7*	9*	533719	1695487	833404	1110719	775909	443245
H1116018.D	IQK1050-02	17*	17*	16*	21*	22*	25*	583819	1884659	936969	1177606	757935	413329
H1116019.D	IQK1034-01	7*	7*	7*	8*	9*	12*	507136	1601515	779067	953440	465740	259542*
H1116020.D#	IQK1051-02	32	34*	36*	40*	45*	48	430677	1445434	714748	984356	572278	303145*
H1116021.D#	IQK1109-01	12*	14*	15*	14*	17*	18*	472975	1562229	781705	1033621	542456	326453
H1116022.D#	IQK1113-01	3*	2*	3*	4*	4*	4*	571352	1822023	885329	1198686	687718	424709

- fails 12hr time check * - fails criteria

Created: Sat Nov 17 06:18:45 2007 GCMS8

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050.D**	Instrum	**GCMS8**
Operator:	**AMI/DF**	ial Calibrat	**8270/625 Midpoint**
Date Acquired:	**11/16/20 -1:1:**	Method	**H7K07SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	47.90	4.20
1,4-Dichlorobenzene	50	50.04	-0.08
2-Nitrophenol	50	50.85	-1.70
2,4-Dichlorophenol	50	50.48	-0.95
Hexachlorobutadiene	50	48.85	2.30
4-Chloro-3-methylphenol	50	48.26	3.48
2,4,6-Trichlorophenol	50	52.16	-4.32
Acenaphthene	50	48.84	2.32
n-Nitrosodiphenylamine	50	50.57	-1.14
Pentachlorophenol	50	49.46	1.09
Fluoranthene	50	46.63	6.74
Di-n-octylphthalate	50	51.31	-2.63
Benzo[a]pyrene	50	59.37	-18.73

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	1.237
Hexachlorocyclopentadiene	0.05	0.242
2,4-Dinitrophenol	0.05	0.187
4-Nitrophenol	0.05	0.110

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050.D
Date: 11/16/20 -1:1:
Matrix: 8270/625 Midpoint

Source: Crescent Chemical
Instrument: GCMS8

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	48.55	97	(70-130)
n-Nitrosodimethylamine	50	51.01	102	(80-120)
bis(2-Chloroethyl)ether	50	46.45	93	(80-120)
Aniline	50	46.92	94	(80-120)
2-Chlorophenol	50	49.64	99	(80-120)
n-Decane	50	49.06	98	(80-120)
1,3-Dichlorobenzene	50	47.32	95	(80-120)
1,2-Dichlorobenzene	50	49.11	98	(80-120)
Benzyl alcohol	50	49.92	100	(70-130)
bis(2-chloroisopropyl)ether	50	49.74	99	(80-120)
2-Methylphenol	50	49.28	99	(80-120)
Hexachloroethane	50	49.55	99	(80-120)
N-Nitroso-di-n-propylamine	50	49.47	99	(80-120)
4-Methylphenol	50	49.48	99	(80-120)
Nitrobenzene	50	49.21	98	(80-120)
Isophorone	50	50.85	102	(80-120)
2,4-Dimethylphenol	50	50.50	101	(80-120)
bis(2-Chloroethoxy)methane	50	49.02	98	(80-120)
1,2,4-Trichlorobenzene	50	50.41	101	(80-120)
Benzoic Acid	50	49.18	98	(75-125)
Naphthalene	50	49.10	98	(80-120)
4-Chloroaniline	50	48.89	98	(80-120)
2-Methylnaphthalene	50	49.41	99	(80-120)
2,3-Dichloroaniline	50	48.27	97	(80-120)
Hexachlorocyclopentadiene	50	46.51	93	(70-130)
2,4,5-Trichlorophenol	50	52.54	105	(80-120)
2-Chloronaphthalene	50	49.50	99	(80-120)
2-Nitroaniline	50	49.95	100	(80-130)
1,3-Dinitrobenzene	50	49.80	100	(80-120)
Acenaphthylene	50	48.94	98	(80-120)
Dimethylphthalate	50	48.12	96	(80-120)
2,6-Dinitrotoluene	50	50.34	101	(80-120)
3-Nitroaniline	50	47.20	94	(70-140)
2,4-Dinitrophenol	50	44.37	89	(60-140)
Dibenzofuran	50	47.88	96	(80-120)
2,4-Dinitrotoluene	50	50.38	101	(70-140)

4-Nitrophenol	50	44.43	89	(60-135)
Fluorene	50	47.48	95	(80-120)
4-Chlorophenyl-phenylether	50	48.48	97	(80-120)
Diethylphthalate	50	46.55	93	(65-120)
Azobenzene	50	45.47	91	(80-120)
4-Nitroaniline	50	47.96	96	(60-160)
n-Octadecane	50	48.12	96	(80-120)
4,6-Dinitro-2-methylphenol	50	51.82	104	(80-120)
4-Bromophenyl-phenylether	50	49.73	99	(75-125)
Hexachlorobenzene	50	49.12	98	(70-120)
Phenanthrene	50	48.57	97	(80-120)
Anthracene	50	46.61	93	(80-120)
Carbazole	50	46.31	93	(70-120)
Di-n-butylphthalate	50	48.42	97	(80-120)
Pyrene	50	49.11	98	(60-120)
2,2'-Dichlorobenzil	50	51.50	103	(80-120)
Benzidine	50	27.90	56	(30-180)
Butylbenzylphthalate	50	50.24	100	(80-120)
3,3'-Dichlorobenzidine	50	49.28	99	(50-170)
Benzo[a]anthracene	50	48.26	97	(80-120)
Chrysene	50	46.56	93	(80-120)
bis(2-Ethylhexyl)phthalate	50	50.53	101	(75-125)
Benzo[b]fluoranthene	50	58.94	118	(80-120)
Benzo[k]fluoranthene	50	53.18	106	(80-120)
Indeno[1,2,3-cd]pyrene	50	60.45	121	(50-150)
Dibenz[a,h]anthracene	50	62.52	125	(60-160)
Benzo[g,h,i]perylene	50	61.03	122	(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.39	101	(80-120)
Phenol-d6 (SU)	50	48.00	96	(80-120)
Nitrobenzene-d5 (SU)	50	49.20	98	(80-120)
2-Fluorobiphenyl (SU)	50	48.77	98	(80-120)
2,4,6-Tribromophenol (SU)	50	51.17	102	(80-120)
Terphenyl-d14 (SU)	50	48.79	98	(70-130)

*Denotes values out of expected range.

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

2nd Level Review:	DF	Analyst:	LB
Date:	11/19/07	Analysis Date:	11-16-07
QC Batches:	AM	GCMS #:	8

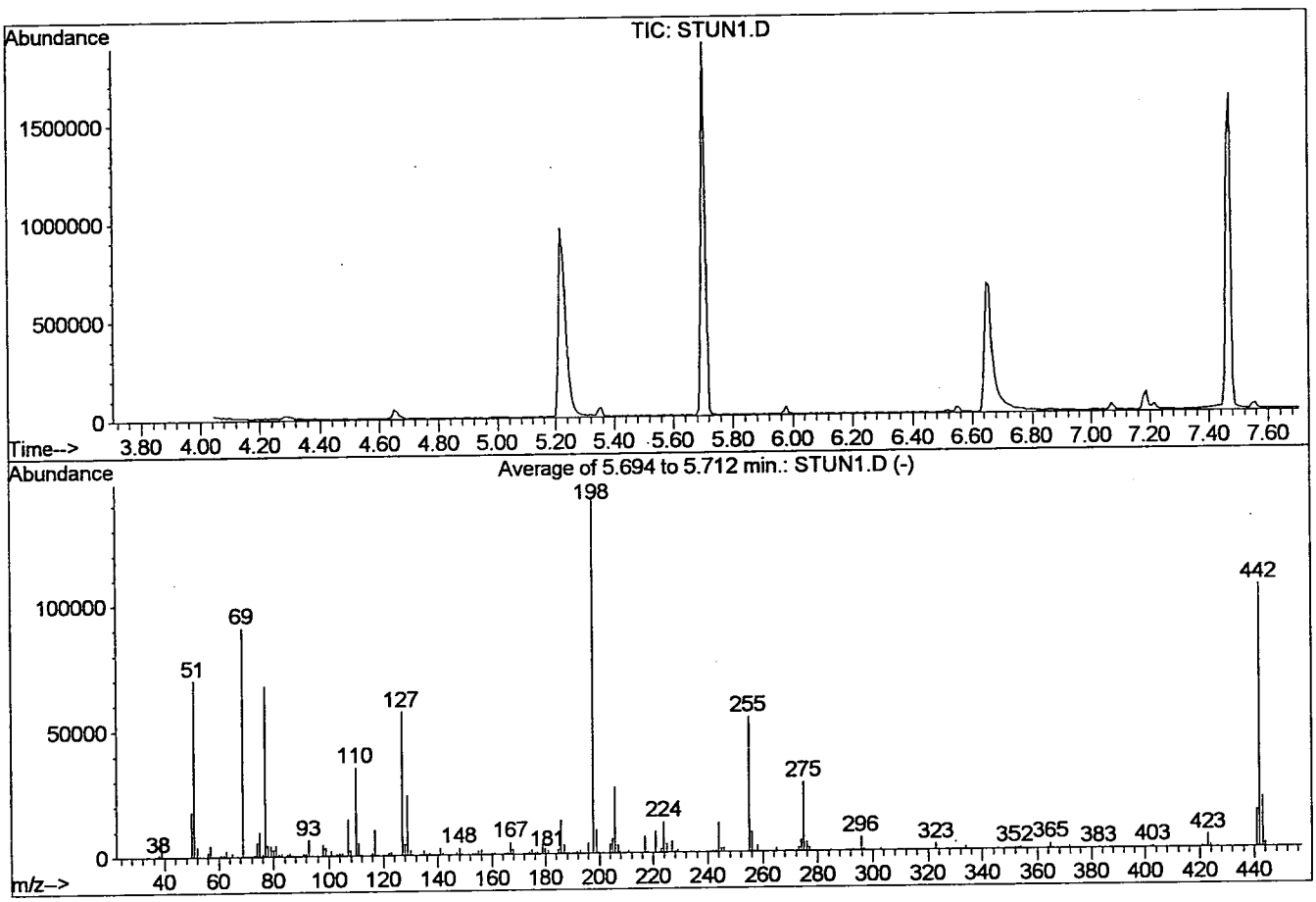
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD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

Comments:

DFTPP

Data File : C:\GCMS8\DATA\07NOV16\STUN1.D
Acq On : 16 Nov 2007 1:23 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 181, 182, 183; Background Corrected with Scan 177

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.3	69900	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.1	90952	PASS
70	69	0.00	2	0.3	262	PASS
127	198	40	60	40.3	57101	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	141859	PASS
199	198	5	9	6.7	9493	PASS
275	198	10	30	19.4	27532	PASS
365	198	1	100	1.5	2079	PASS
441	443	0.01	100	73.8	14918	PASS
442	198	40	100	73.8	104667	PASS
443	442	17	23	19.3	20214	PASS

STUN1.D DFTPP.M Fri Nov 16 13:33:50 2007

Average of 5.694 to 5.712 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	93	55.95	1635	73.95	5490	85.90	1237
37.00	186	56.90	4472	74.95	9588	86.90	466
37.80	417	60.85	714	76.05	1066	90.90	1020
37.95	1013	61.90	678	76.95	67699	91.95	1031
38.90	6873	62.90	2180	77.90	4521	92.90	6346
39.90	125	63.90	182	78.90	4214	93.85	240
41.00	148	64.95	1299	79.90	2864	94.85	200
49.95	18009	66.95	195	80.90	4491	95.85	222
50.95	69900	68.85	90952	81.90	1003	97.90	4456
51.95	3975	69.95	262	82.90	983	98.95	3213
52.95	176	72.95	508	84.90	702	99.90	188

Average of 5.694 to 5.712 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
100.90	2094	116.85	10112	133.95	600	148.85	513
102.90	732	117.90	474	134.85	1842	151.10	275
103.90	1028	121.85	935	135.85	562	152.90	554
104.90	1006	122.85	1296	136.90	661	153.80	507
105.90	358	123.80	380	137.85	194	154.85	1444
106.90	14542	124.90	293	140.85	2657	155.95	1980
107.90	2328	126.90	57101	141.85	802	156.85	310
109.90	35109	127.90	4592	142.90	323	157.75	238
110.85	5079	128.90	23899	145.90	281	158.95	178
111.90	522	129.90	1989	146.90	954	159.95	530
115.95	1028	130.80	220	147.90	2764	160.95	868

Average of 5.694 to 5.712 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
161.85	225	176.85	834	191.00	212	204.95	5759
164.90	508	177.95	227	191.70	194	205.95	26376
165.85	689	178.85	3736	191.90	870	206.95	3303
166.90	4768	179.85	2288	192.90	1268	207.80	682
167.80	1908	180.95	1211	195.90	4286	210.70	167
168.90	240	183.85	181	197.85	141859	210.90	897
171.90	274	184.95	1858	198.85	9493	216.90	6390
172.90	314	185.90	13439	199.85	491	217.90	386
173.90	751	186.90	3538	201.50	603	220.95	8541
174.85	1813	187.90	265	202.95	308	222.85	1513
175.95	436	188.80	587	203.95	3436	223.95	12303

Average of 5.694 to 5.712 min.: STUN1.D
50NG DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
224.95	3549	243.95	11579	272.90	1544	313.95	183
225.95	194	244.95	1404	273.90	4583	314.85	356
226.85	4421	245.85	1592	274.90	27532	315.90	179
227.95	473	246.85	183	275.90	3807	322.90	2450
228.90	892	248.85	268	276.90	1575	323.90	243
230.90	272	254.90	53619	277.90	191	326.85	244
233.90	170	255.90	8043	284.85	195	333.85	1236
234.90	205	256.90	445	292.85	440	345.90	207
236.90	178	257.90	2412	295.80	5383	351.85	554
241.95	473	258.90	203	296.80	664	352.90	504
242.95	631	264.85	1172	302.90	775	353.85	653

Average of 5.694 to 5.712 min.: STUN1.D
50NG DFTPP #7100452

Modified:subtracted

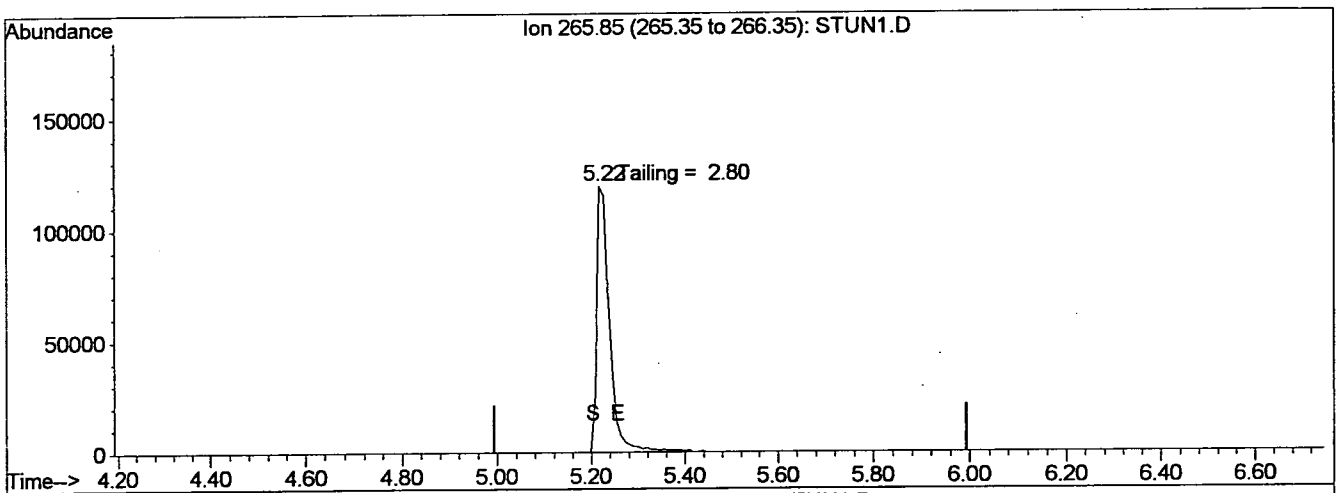
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
364.85	2079	423.85	1076				
365.80	188	440.95	14918				
371.85	1126	441.95	104667				
372.85	172	442.95	20214				
382.80	172	443.95	1700				
401.70	214						
402.00	195						
402.80	734						
420.85	670						
421.90	499						
422.95	5211						

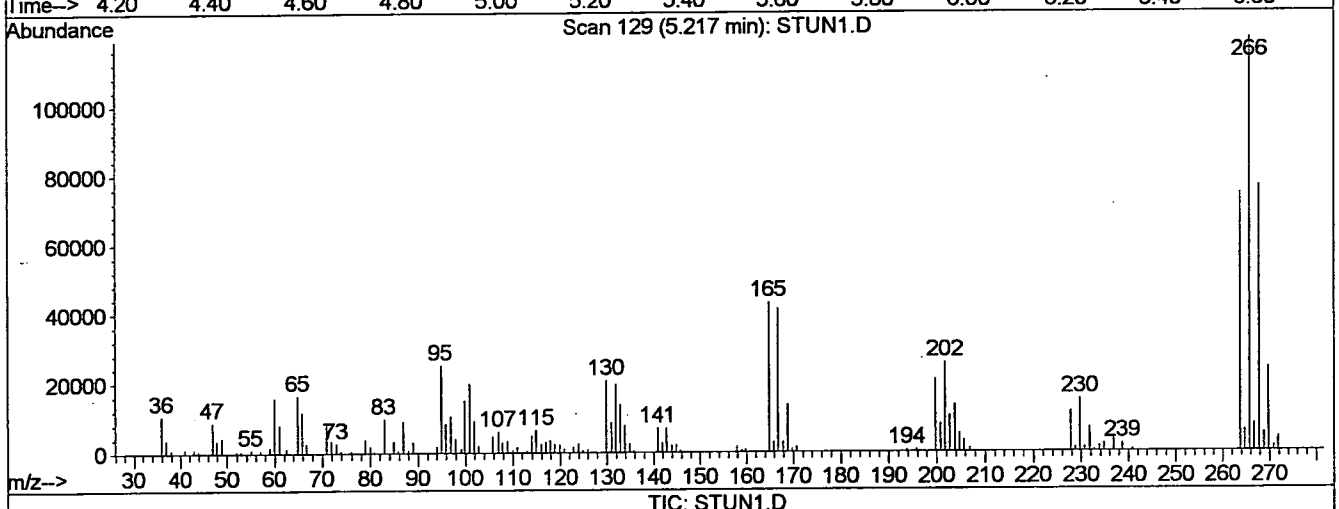
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\STUN1.D
Acq On : 16 Nov 2007 1:23 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





TIC: STUN1.D

(1) Pentachlorophenol

5.22min 53.17ug/ml

response 223271

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

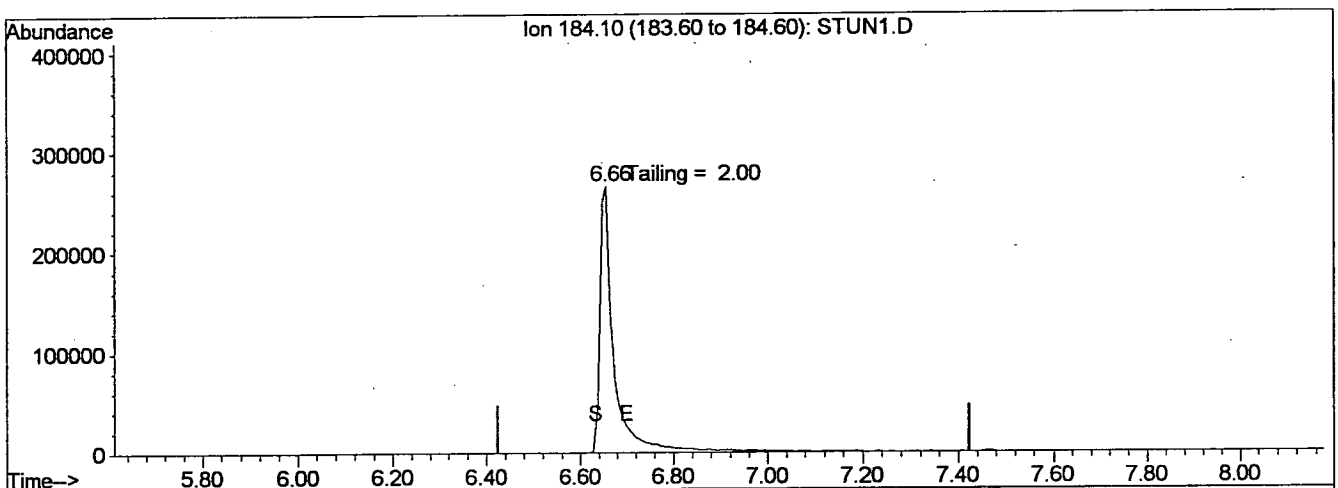
STUN1.D DFTPP.M Fri Nov 16 13:34:08 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\STUN1.D
Acq On : 16 Nov 2007 1:23 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



TIC: STUN1.D

(3) BENZIDINE

6.66min 53.09ug/ml

response 561007

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

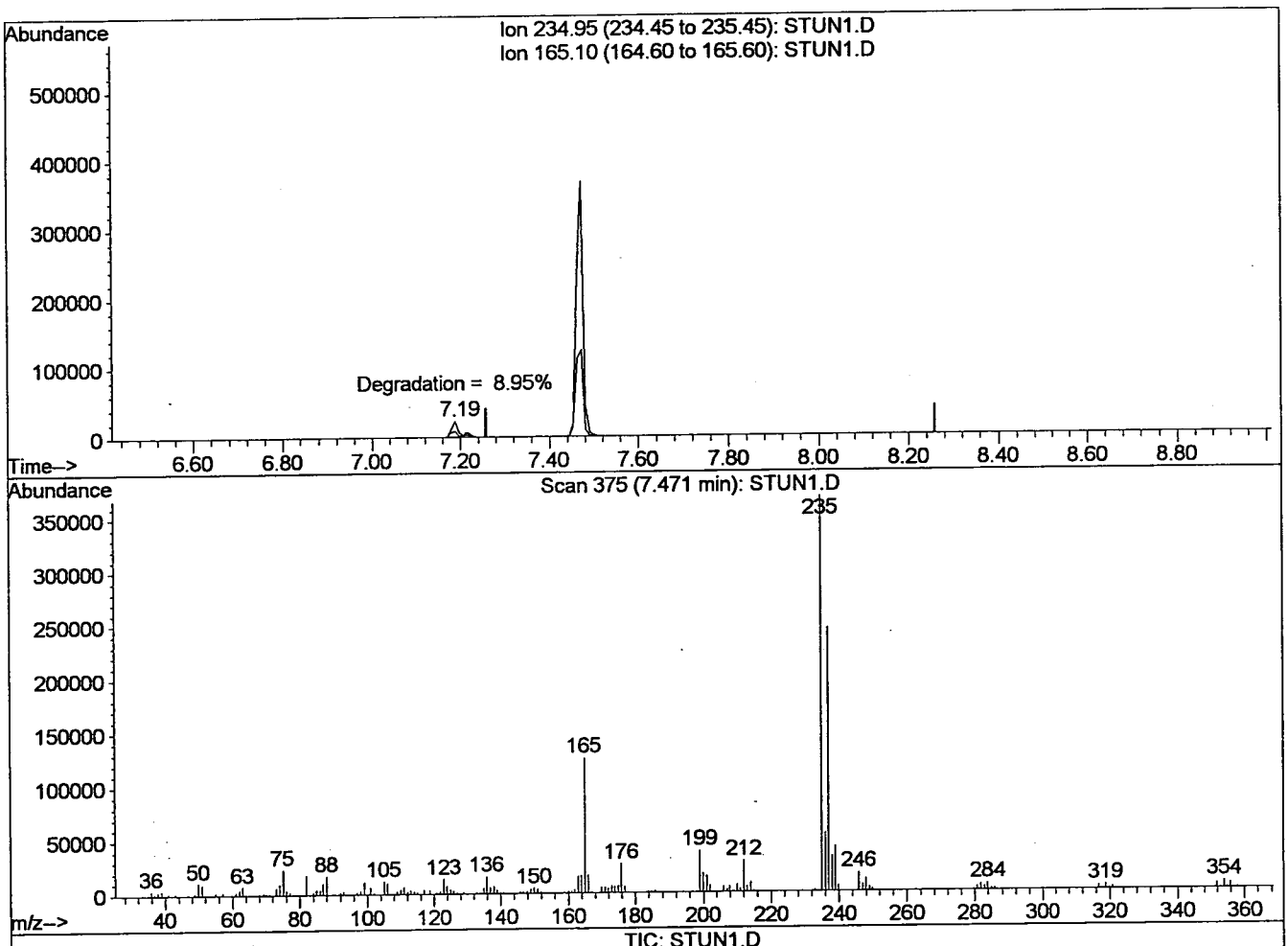
STUN1.D DFTPP.M Fri Nov 16 13:34:17 2007

Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\STUN1.D
Acq On : 16 Nov 2007 1:23 pm
Sample : 50NG DFTPP #7100452
Misc : Tune Evaluation
Quant Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Quant Time: Nov 16 13:34 2007 Quant Results File: temp.res

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

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

7.47min 52.75ug/ml

response 371781

Ion	Exp%	Act%
234.95	100	100
165.10	44.30	39.16
0.00	0.00	0.00
0.00	0.00	0.00

STUN1.D DFTPP.M Fri Nov 16 13:34:33 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:15 19107

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.11	152	607599	40.00	ppm	-0.11
20) Naphthalene-d8 (IS)	9.96	136	1872494	40.00	ppm	-0.11
36) Acenaphthene-d10 (IS)	14.08	164	922846	40.00	ppm	-0.11
59) Phenanthrene-d10 (IS)	17.49	188	1222917	40.00	ppm	-0.11
71) Chrysene-d12 (IS)	22.10	240	856104	40.00	ppm	-0.06
82) Perylene-d12 (IS)	24.88	264	641031	40.00	ppm	-0.11
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.75	112	1171992	50.39	ppm	-0.10
Spiked Amount 100.000	Range 30 - 120		Recovery =	50.39%		
7) Phenol-d6 (SU)	6.72	99	1446961	48.00	ppm	-0.10
Spiked Amount 100.000	Range 40 - 120		Recovery =	48.00%		
21) Nitrobenzene-d5 (SU)	8.43	82	1121153	49.20	ppm	-0.11
Spiked Amount 50.000	Range 40 - 120		Recovery =	98.40%		
40) 2-Fluorobiphenyl (SU)	12.61	172	1534055	48.77	ppm	-0.11
Spiked Amount 50.000	Range 40 - 120		Recovery =	97.54%		
62) 2,4,6-Tribromophenol (SU)	15.98	330	224280	51.17	ppm	-0.10
Spiked Amount 100.000	Range 45 - 130		Recovery =	51.17%		
74) Terphenyl-d14 (SU)	20.64	244	1079890	48.79	ppm	-0.07
Spiked Amount 50.000	Range 40 - 140		Recovery =	97.58%		
Target Compounds						Qvalue
3) Pyridine	2.68	79	1615938	48.55	ppm	# 45
4) n-Nitrosodimethylamine	2.77	74	1157615	51.01	ppm	91
5) bis(2-Chloroethyl)ether	6.76	93	1342481m	46.45	ppm	
6) Aniline	6.58	93	1780413	46.92	ppm	90
8) Phenol	6.75	94	1530688	47.90	ppm	85
9) 2-Chlorophenol	6.79	128	1077610	49.64	ppm	99
10) n-Decane	6.92	57	1959797	49.06	ppm	100
11) 1,3-Dichlorobenzene	7.02	146	988874	47.32	ppm	99
12) 1,4-Dichlorobenzene	7.14	146	1286311	50.04	ppm	99
13) 1,2-Dichlorobenzene	7.53	146	1088954	49.11	ppm	99
14) Benzyl alcohol	7.61	108	688425	49.92	ppm	97
15) bis(2-chloroisopropyl)ethe	7.92	45	3062419	49.74	ppm	80
16) 2-Methylphenol	7.97	107	829900m	49.28	ppm	
17) Hexachloroethane	8.18	117	452422	49.55	ppm	99
18) N-Nitroso-di-n-propylamine	8.28	70	939624	49.47	ppm	99
19) 4-Methylphenol	8.34	107	1133483	49.48	ppm	100
22) Nitrobenzene	8.48	77	1162549	49.21	ppm	99
23) Isophorone	9.06	82	2079162	46.78	ppm	99
24) 2-Nitrophenol	9.19	139	595853	50.85	ppm	100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:15 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	9.50	122	844768	50.50	ppm		98
26) bis(2-Chloroethoxy)methane	9.65	93	1317425	49.02	ppm		100
27) 2,4-Dichlorophenol	9.80	162	770933	50.48	ppm		99
28) 1,2,4-Trichlorobenzene	9.89	180	812321	50.41	ppm		100
29) Benzoic Acid	10.10	122	452796	49.18	ppm	#	58
30) Naphthalene	10.01	128	2252464	49.10	ppm		100
31) 4-Chloroaniline	10.30	127	1000743	48.89	ppm		99
32) Hexachlorobutadiene	10.48	225	398884	48.85	ppm		98
33) 4-Chloro-3-methylphenol	11.60	107	692787	48.26	ppm	#	1
34) 2-Methylnaphthalene	11.62	141	1331261	49.41	ppm	#	69
35) 2,3-Dichloroaniline	12.42	161	800366	48.27	ppm		99
37) Hexachlorocyclopentadiene	12.17	237	279686	46.51	ppm		98
38) 2,4,6-Trichlorophenol	12.45	196	493491	52.16	ppm		100
39) 2,4,5-Trichlorophenol	12.56	196	533821	52.54	ppm		100
41) 2-Chloronaphthalene	12.74	162	1320747	49.50	ppm		99
42) 2-Nitroaniline	13.18	65	543767	49.95	ppm		99
43) 1,3-Dinitrobenzene	13.75	168	280196	49.80	ppm	#	51
44) Acenaphthylene	13.70	152	1912278	48.94	ppm		100
45) Dimethylphthalate	13.77	163	1495812	48.12	ppm		99
46) 2,6-Dinitrotoluene	13.88	165	403634	50.34	ppm		98
47) Acenaphthene	14.16	154	1200933	48.84	ppm		99
48) 3-Nitroaniline	14.20	138	375587	47.20	ppm		100
49) 2,4-Dinitrophenol	14.42	184	216059	44.37	ppm		96
50) Dibenzofuran	14.54	168	1728003	47.88	ppm		99
51) 2,4-Dinitrotoluene	14.78	165	495028	50.38	ppm		89
52) 4-Nitrophenol	14.85	109	127299	44.43	ppm		95
53) Fluorene	15.34	166	1382378	47.48	ppm		98
54) 4-Chlorophenyl-phenylether	15.43	204	704573	48.48	ppm		100
55) Diethylphthalate	15.46	149	1342659	46.55	ppm		99
56) Azobenzene	15.80	77	1793923	45.47	ppm		98
57) 4-Nitroaniline	15.67	138	342472	47.96	ppm		99
58) n-Octadecane	17.60	57	1421164	48.12	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.73	198	289545	51.82	ppm		84
61) n-Nitrosodiphenylamine	15.78	169	893166	50.57	ppm		96
63) 4-Bromophenyl-phenylether	16.56	248	401671	49.73	ppm		100
64) Hexachlorobenzene	16.81	284	452062	49.12	ppm		100
65) Pentachlorophenol	17.31	266	256521	49.46	ppm		98
66) Phenanthrene	17.56	178	1656172	48.57	ppm		100
67) Anthracene	17.66	178	1585623	46.61	ppm		100
68) Carbazole	18.15	167	1347570	46.31	ppm		100
69) Di-n-butylphthalate	19.14	149	2363348	48.42	ppm		100

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:15 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	19.93	202	1707138	46.63 ppm	99
72) Pyrene	20.28	202	1685700	49.11 ppm	100
73) 2,2'-Dichlorobenzil	20.51	139	1268323	51.50 ppm	99
75) Benzidine	20.26	184	284368	27.90 ppm	99
76) Butylbenzylphthalate	21.45	149	943287	50.24 ppm	98
77) 3,3'-Dichlorobenzidine	22.10	252	464425	49.28 ppm	99
78) Benzo[a]anthracene	22.07	228	1325285	48.26 ppm	99
79) Chrysene	22.13	228	1140688	46.56 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.35	149	1170611	50.53 ppm	99
81) Di-n-octylphthalate	23.43	149	1667069	51.31 ppm	100
83) Benzo[b]fluoranthene	24.01	252	1310205	58.94 ppm	100
84) Benzo[k]fluoranthene	24.07	252	1107495	53.18 ppm	98
85) Benzo[a]pyrene	24.74	252	1105838	59.37 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.37	276	1052289	60.45 ppm	99
87) Dibenz[a,h]anthracene	27.46	278	1108571	62.52 ppm	98
88) Benzo[g,h,i]perylene	27.91	276	1089783	61.03 ppm	99

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

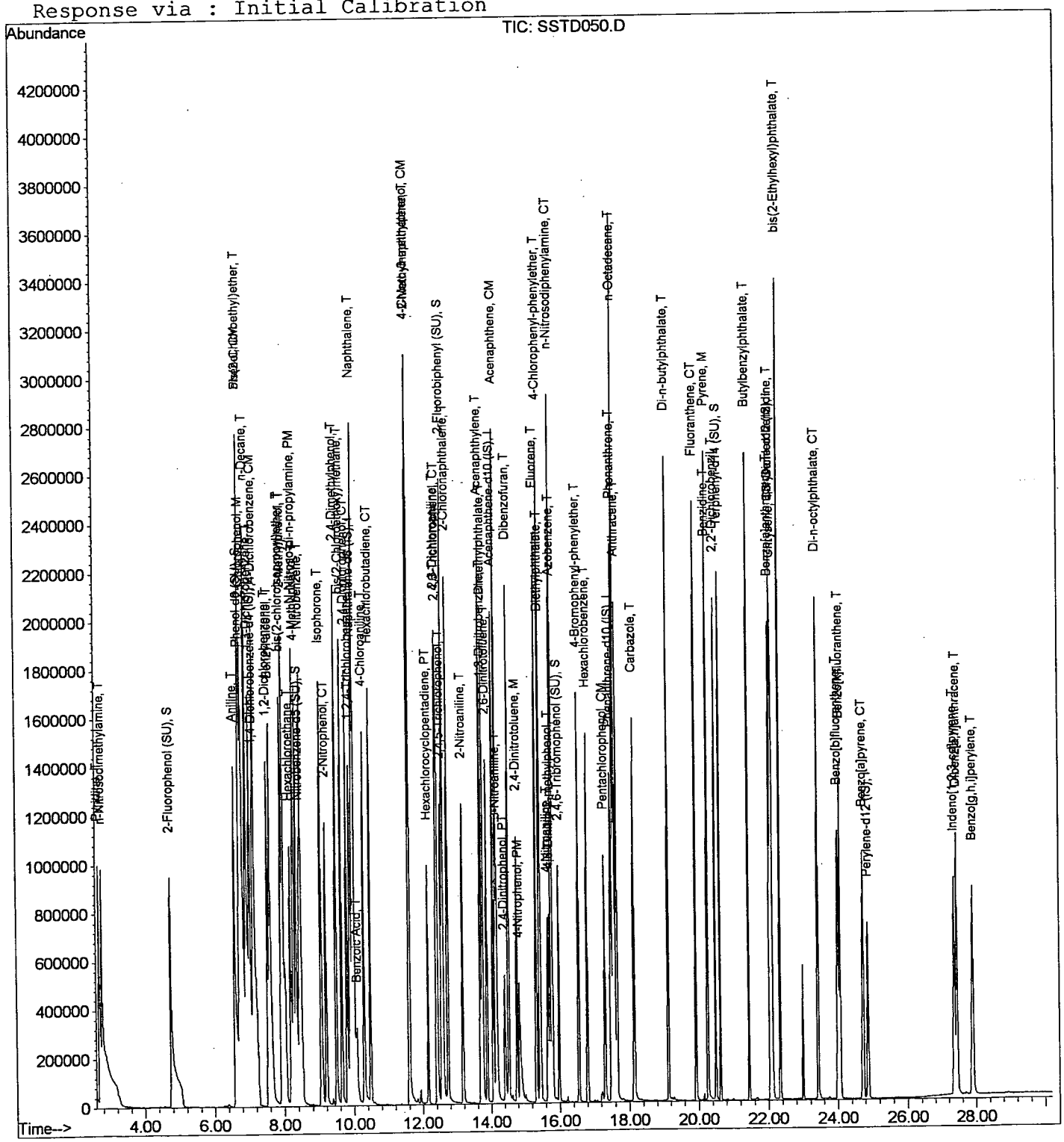
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:15 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

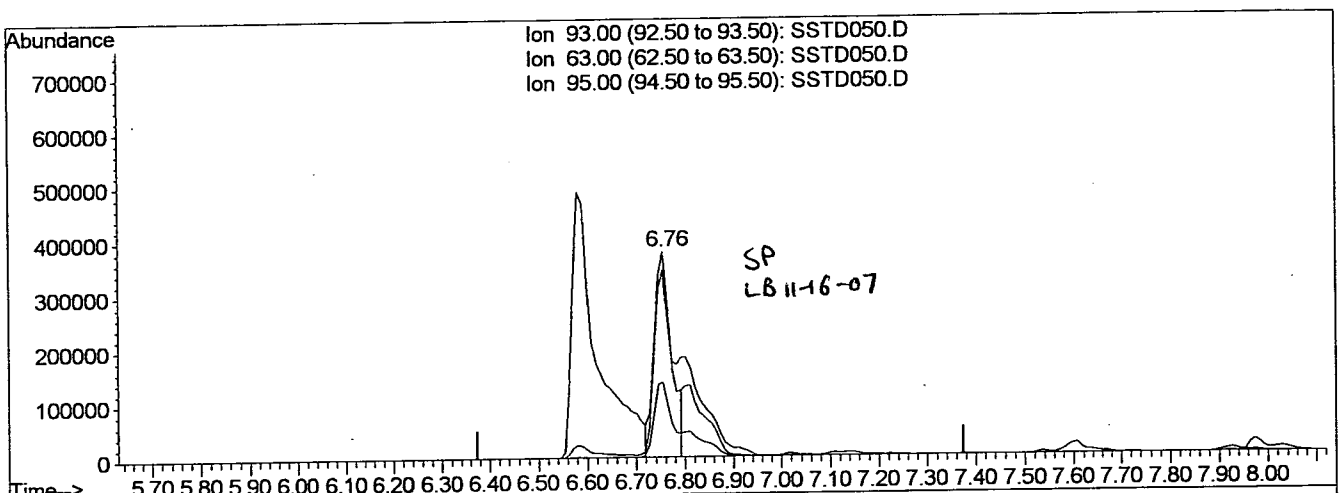


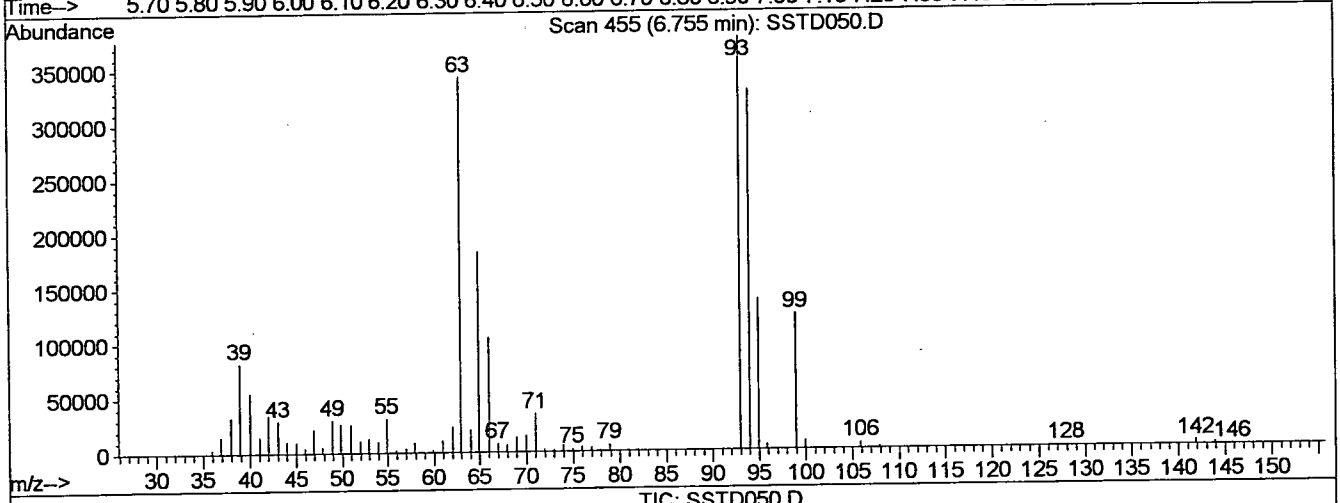
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

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

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





TIC: SSTD050.D

(5) bis(2-Chloroethyl)ether (T)

6.76min 31.89ppm

response 921792

Ion	Exp%	Act%
93.00	100	100
63.00	119.60	89.14#
95.00	38.10	37.22
0.00	0.00	0.00

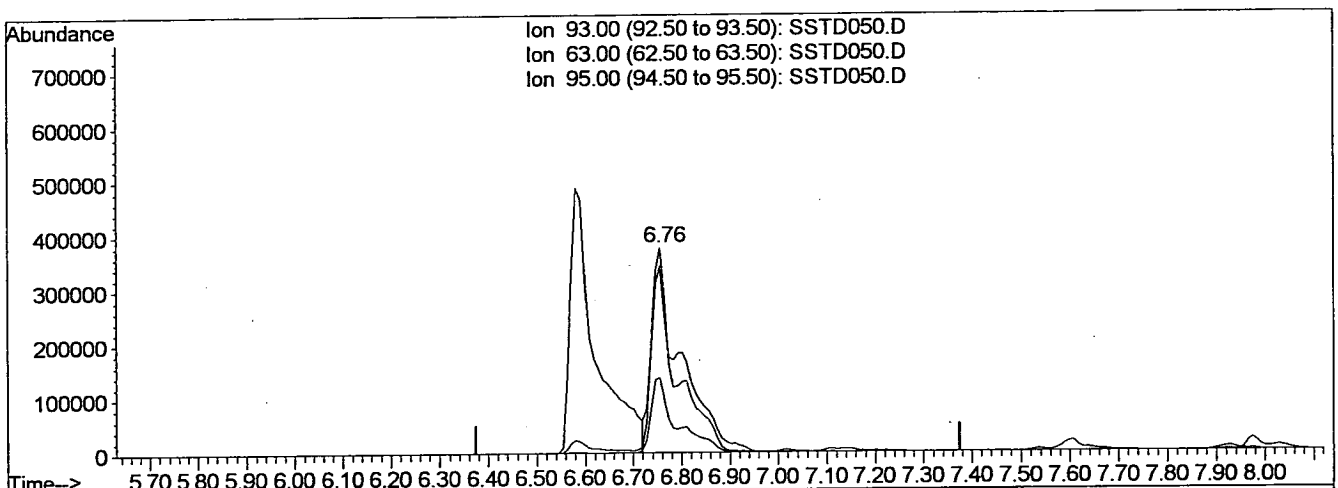
SSTD050.D H7K07SV.M Fri Nov 16 14:14:52 2007

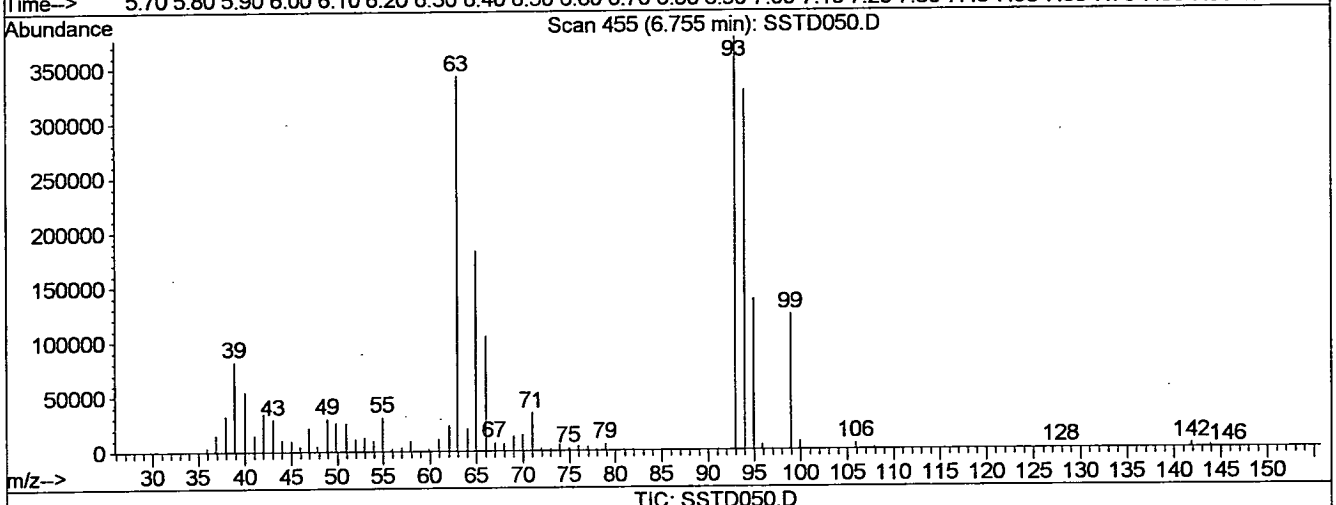
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
Quant Time: Nov 16 14:14:18 2007 Quant Method: H7K07SV.M

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

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





(5) bis(2-Chloroethyl)ether (T)

6.76min 46.45ppm m

response 1342481

Ion	Exp%	Act%
93.00	100	100
63.00	119.60	61.21#
95.00	38.10	25.56
0.00	0.00	0.00

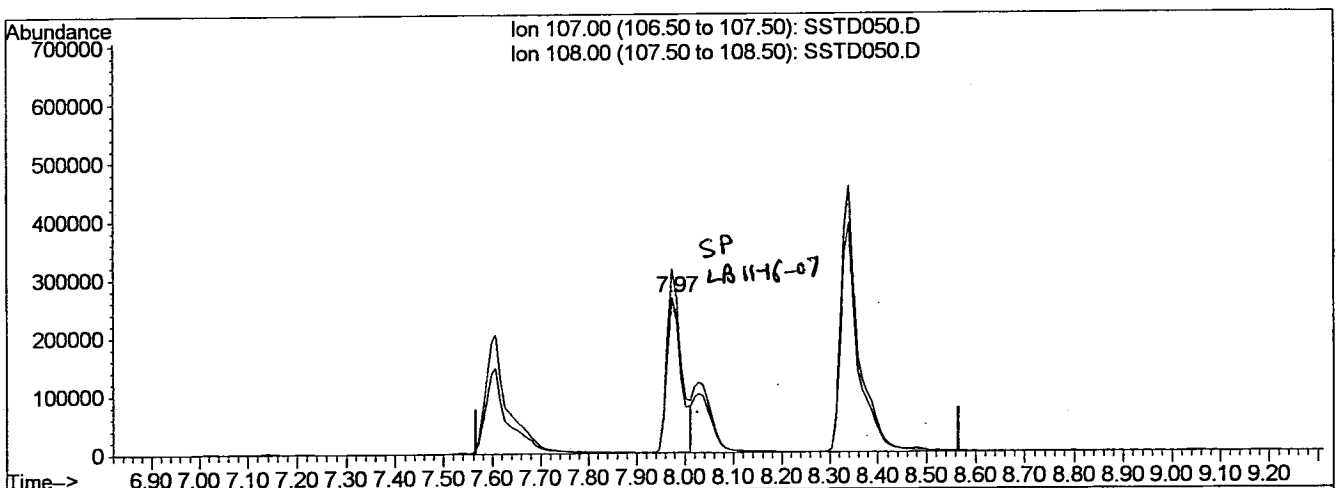
SSTD050.D H7K07SV.M Fri Nov 16 14:14:58 2007

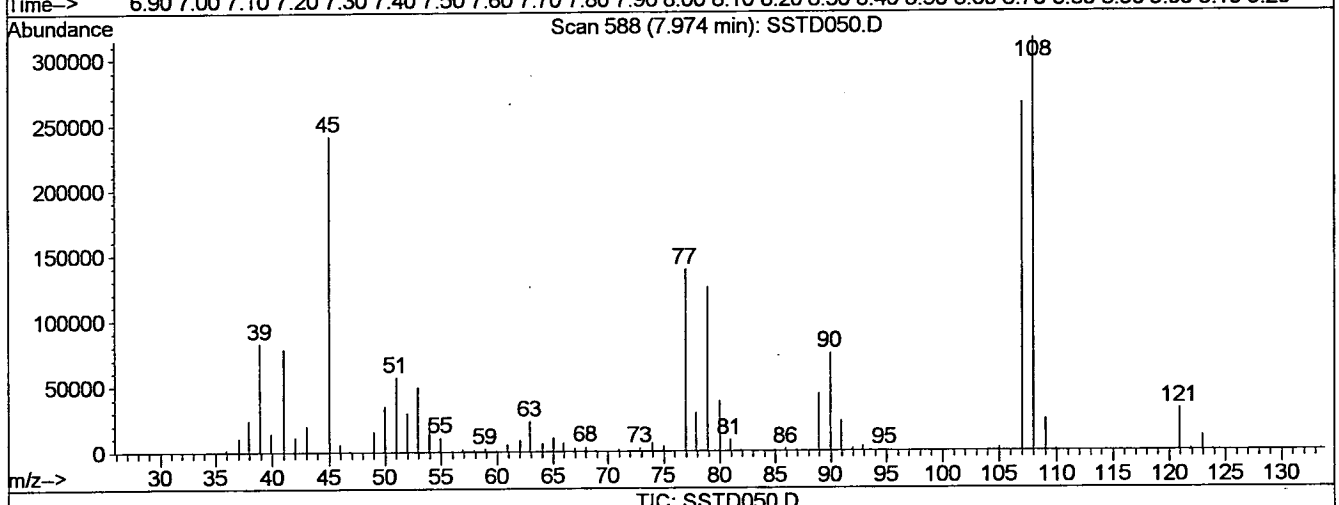
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

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

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





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.97min 32.95ppm

response 554854

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	116.62
0.00	0.00	0.00
0.00	0.00	0.00

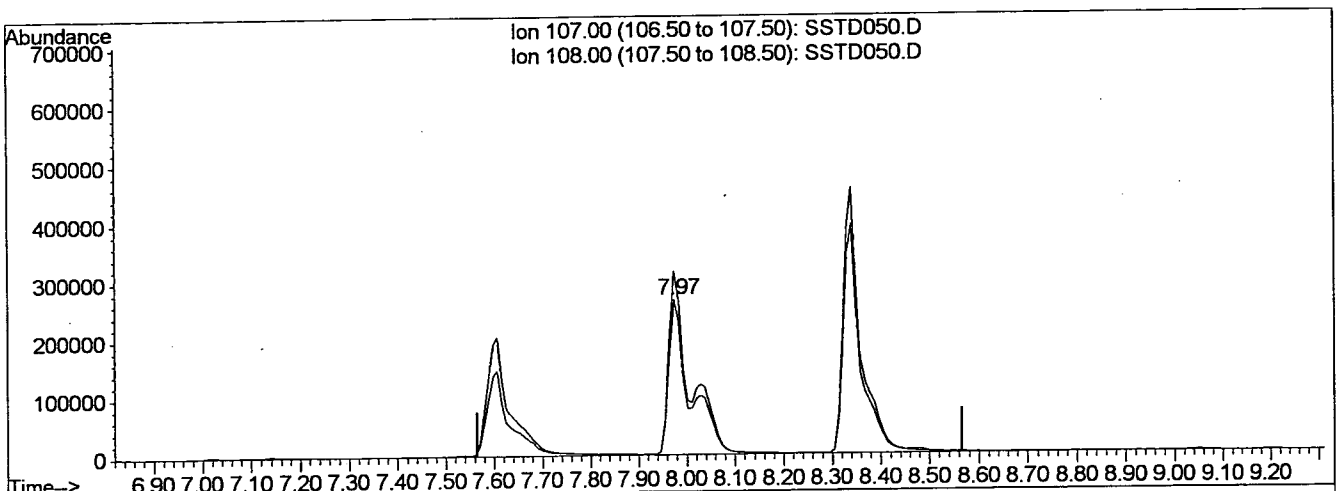
SSTD050.D H7K07SV.M Fri Nov 16 14:15:11 2007

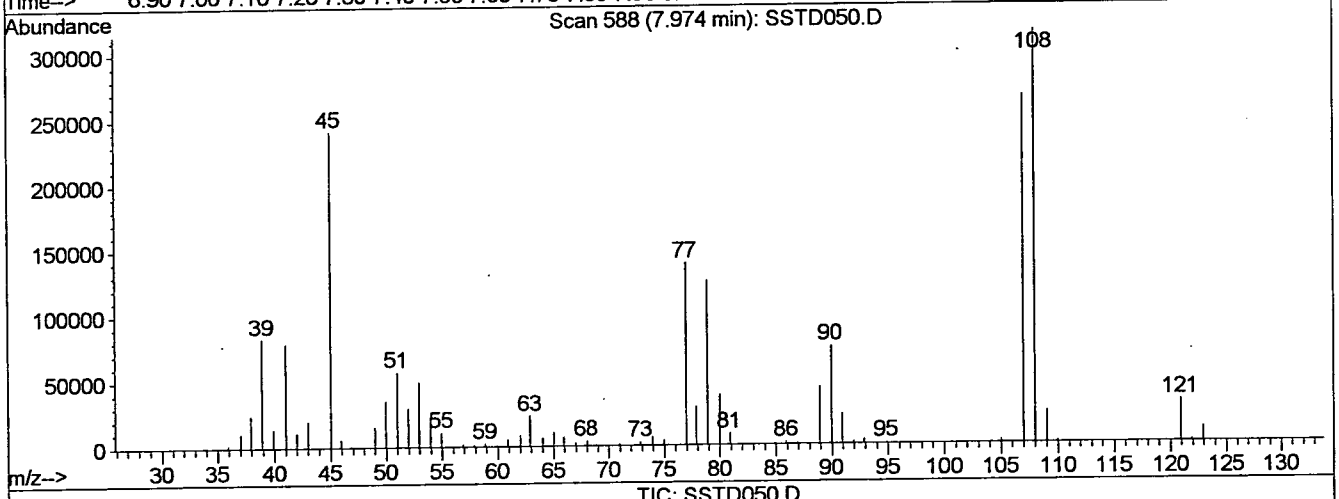
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
Quant Time: Nov 16 14:15 2007 Quant Method: H7K07P

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

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





TIC: SSTD050.D

(16) 2-Methylphenol (T)

7.97min 49.28ppm m

response 829900

Ion	Exp%	Act%
107.00	100	100
108.00	117.20	77.97#
0.00	0.00	0.00
0.00	0.00	0.00

SSTD050.D H7K07SV.M Fri Nov 16 14:15:16 2007

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

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

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
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	135	-0.11
2	S	2-Fluorophenol (SU)	1.531	1.543	-0.8	139	-0.10
3	T	Pyridine	2.191	2.128	2.9	133	-0.26
4	T	n-Nitrosodimethylamine	1.494	1.524	-2.0	140	-0.10
5	T	bis(2-Chloroethyl)ether	1.903	1.214	36.2#	94	-0.12
6	T	Aniline	2.498	2.344	6.2	125	-0.12
7	S	Phenol-d6 (SU)	1.985	1.905	4.0	132	-0.10
8	CM	Phenol	2.104	2.015	4.2	131	-0.10
9	M	2-Chlorophenol	1.429	1.419	0.7	136	-0.10
10	T	n-Decane	2.630	2.580	1.9	134	-0.11
11	T	1,3-Dichlorobenzene	1.376	1.302	5.4	129	-0.11
12	CM	1,4-Dichlorobenzene	1.692	1.694	-0.1	135	-0.12
13	T	1,2-Dichlorobenzene	1.460	1.434	1.8	133	-0.11
14	T	Benzyl alcohol	0.908	0.906	0.2	134	-0.10
15	T	bis(2-chloroisopropyl)ether	4.053	4.032	0.5	139	-0.11
16	T	2-Methylphenol	1.109	0.731	34.1#	91	-0.09
17	T	Hexachloroethane	0.601	0.596	0.8	133	-0.12
18	PM	N-Nitroso-di-n-propylamine	1.250	1.237	1.0	136	-0.12
19	T	4-Methylphenol	1.508	1.492	1.1	135	-0.09
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	133	-0.11
21	S	Nitrobenzene-d5 (SU)	0.487	0.479	1.6	131	-0.11
22	T	Nitrobenzene	0.505	0.497	1.6	133	-0.12
23	T	Isophorone	0.949	0.888	6.4	128	-0.12
24	CT	2-Nitrophenol	0.250	0.255	-2.0	131	-0.11
25	T	2,4-Dimethylphenol	0.357	0.361	-1.1	135	-0.09
26	T	bis(2-Chloroethoxy)methane	0.574	0.563	1.9	132	-0.11
27	CT	2,4-Dichlorophenol	0.326	0.329	-0.9	130	-0.10
28	M	1,2,4-Trichlorobenzene	0.344	0.347	-0.9	133	-0.10
29	T	Benzoic Acid	0.162	0.193	-19.1	146	-0.09
30	T	Naphthalene	0.980	0.962	1.8	131	-0.12
31	T	4-Chloroaniline	0.437	0.428	2.1	127	-0.10
32	CT	Hexachlorobutadiene	0.174	0.170	2.3	127	-0.11
33	CM	4-Chloro-3-methylphenol	0.307	0.296	3.6	126	-0.08
34	T	2-Methylnaphthalene	0.576	0.569	1.2	133	-0.11
35	T	2,3-Dichloroaniline	0.354	0.342	3.4	129	-0.10
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	129	-0.11
37	PT	Hexachlorocyclopentadiene	0.240	0.242	-0.8	122	-0.11
38	CT	2,4,6-Trichlorophenol	0.410	0.428	-4.4	129	-0.09
39	T	2,4,5-Trichlorophenol	0.440	0.463	-5.2	127	-0.09

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

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

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
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	1.330	2.5	128	-0.11
41	T	2-Chloronaphthalene	1.156	1.145	1.0	128	-0.11
42	T	2-Nitroaniline	0.472	0.471	0.2	125	-0.10
43	T	1,3-Dinitrobenzene	0.235	0.243	-3.4	129	-0.09
44	T	Acenaphthylene	1.694	1.658	2.1	126	-0.11
45	T	Dimethylphthalate	1.347	1.297	3.7	125	-0.11
46	T	2,6-Dinitrotoluene	0.348	0.350	-0.6	126	-0.11
47	CM	Acenaphthene	1.066	1.041	2.3	128	-0.11
48	T	3-Nitroaniline	0.345	0.326	5.5	120	-0.08
49	PT	2,4-Dinitrophenol	0.182	0.187	-2.7	116	-0.09
50	T	Dibenzofuran	1.564	1.498	4.2	123	-0.11
51	M	2,4-Dinitrotoluene	0.426	0.429	-0.7	123	-0.10
52	PM	4-Nitrophenol	0.115	0.110	4.3	121	-0.05
53	T	Fluorene	1.262	1.198	5.1	122	-0.11
54	T	4-Chlorophenyl-phenylether	0.630	0.611	3.0	125	-0.11
55	T	Diethylphthalate	1.250	1.164	6.9	124	-0.10
56	T	Azobenzene	1.710	1.555	9.1	119	-0.11
57	T	4-Nitroaniline	0.309	0.297	3.9	119	-0.09
58	T	n-Octadecane	1.280	1.232	3.8	126	-0.10
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	119	-0.11
60	T	4,6-Dinitro-2-methylphenol	0.183	0.189	-3.3	113	-0.10
61	CT	n-Nitrosodiphenylamine	0.578	0.584	-1.0	122	-0.10
62	S	2,4,6-Tribromophenol (SU)	0.143	0.147	-2.8	118	-0.10
63	T	4-Bromophenyl-phenylether	0.264	0.263	0.4	120	-0.10
64	T	Hexachlorobenzene	0.301	0.296	1.7	120	-0.11
65	CM	Pentachlorophenol	0.170	0.168	1.2	111	-0.10
66	T	Phenanthrene	1.115	1.083	2.9	118	-0.11
67	T	Anthracene	1.113	1.037	6.8	115	-0.11
68	T	Carbazole	0.952	0.882	7.4	118	-0.08
69	T	Di-n-butylphthalate	1.597	1.546	3.2	116	-0.09
70	CT	Fluoranthene	1.197	1.117	6.7	113	-0.07
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	112	-0.06
72	M	Pyrene	1.604	1.575	1.8	113	-0.07
73	T	2,2'-Dichlorobenzil	1.151	1.185	-3.0	112	-0.06
74	S	Terphenyl-d14 (SU)	1.034	1.009	2.4	108	-0.07
75	T	Benzidine	0.476	0.266	44.1#	60	-0.05
76	T	Butylbenzylphthalate	0.877	0.881	-0.5	111	-0.06
77	T	3,3'-Dichlorobenzidine	0.440	0.434	1.4	107	-0.06
78	T	Benzo[a]anthracene	1.283	1.238	3.5	108	-0.05

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P

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

Method : C:\HPCHEM\1\METHODS\H7K07SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Mon Dec 20 14:57:43 2004
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	1.066	6.9	108	-0.06
80	T	bis(2-Ethylhexyl)phthalate	1.082	1.094	-1.1	113	-0.07
81	CT	Di-n-octylphthalate	1.518	1.558	-2.6#	111	-0.09
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	88	-0.11
83	T	Benzo[b]fluoranthene	1.387	1.635	-17.9	108	-0.09
84	T	Benzo[k]fluoranthene	1.300	1.382	-6.3	101	-0.08
85	CT	Benzo[a]pyrene	1.162	1.380	-18.8	104	-0.10
86	T	Indeno[1,2,3-cd]pyrene	1.086	1.313	-20.9	100	-0.09
87	T	Dibenz[a,h]anthracene	1.106	1.383	-25.0	99	-0.08
88	T	Benzo[g,h,i]perylene	1.114	1.360	-22.1	98	-0.09

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:13 19107

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

Quant Results File: H7K07SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.11	152	607599	40.00	ppm	-0.11
20) Naphthalene-d8 (IS)	9.96	136	1872494	40.00	ppm	-0.11
36) Acenaphthene-d10 (IS)	14.08	164	922846	40.00	ppm	-0.11
59) Phenanthrene-d10 (IS)	17.49	188	1222917	40.00	ppm	-0.11
71) Chrysene-d12 (IS)	22.10	240	856104	40.00	ppm	-0.06
82) Perylene-d12 (IS)	24.88	264	641031	40.00	ppm	-0.11
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.75	112	1171992	50.39	ppm	-0.10
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.39%			
7) Phenol-d6 (SU)	6.72	99	1446961	48.00	ppm	-0.10
Spiked Amount 100.000	Range 40 - 120		Recovery = 48.00%			
21) Nitrobenzene-d5 (SU)	8.43	82	1121153	49.20	ppm	-0.11
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.40%			
40) 2-Fluorobiphenyl (SU)	12.61	172	1534055	48.77	ppm	-0.11
Spiked Amount 50.000	Range 40 - 120		Recovery = 97.54%			
62) 2,4,6-Tribromophenol (SU)	15.98	330	224280	51.17	ppm	-0.10
Spiked Amount 100.000	Range 45 - 130		Recovery = 51.17%			
74) Terphenyl-d14 (SU)	20.64	244	1079890	48.79	ppm	-0.07
Spiked Amount 50.000	Range 40 - 140		Recovery = 97.58%			
Target Compounds						Qvalue
3) Pyridine	2.68	79	1615938	48.55	ppm	# 45
4) n-Nitrosodimethylamine	2.77	74	1157615	51.01	ppm	91
5) bis(2-Chloroethyl)ether	6.76	93	921792	31.89	ppm	# 79
6) Aniline	6.58	93	1780413	46.92	ppm	90
8) Phenol	6.75	94	1530688	47.90	ppm	85
9) 2-Chlorophenol	6.79	128	1077610	49.64	ppm	99
10) n-Decane	6.92	57	1959797	49.06	ppm	100
11) 1,3-Dichlorobenzene	7.02	146	988874	47.32	ppm	99
12) 1,4-Dichlorobenzene	7.14	146	1286311	50.04	ppm	99
13) 1,2-Dichlorobenzene	7.53	146	1088954	49.11	ppm	99
14) Benzyl alcohol	7.61	108	688425	49.92	ppm	97
15) bis(2-chloroisopropyl)ethe	7.92	45	3062419	49.74	ppm	80
16) 2-Methylphenol	7.97	107	554854	32.95	ppm	99
17) Hexachloroethane	8.18	117	452422	49.55	ppm	99
18) N-Nitroso-di-n-propylamine	8.28	70	939624	49.47	ppm	99
19) 4-Methylphenol	8.34	107	1133483	49.48	ppm	100
22) Nitrobenzene	8.48	77	1162549	49.21	ppm	99
23) Isophorone	9.06	82	2079162	46.78	ppm	99
24) 2-Nitrophenol	9.19	139	595853	50.85	ppm	100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:13 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	9.50	122	844768	50.50	ppm		98
26) bis(2-Chloroethoxy)methane	9.65	93	1317425	49.02	ppm		100
27) 2,4-Dichlorophenol	9.80	162	770933	50.48	ppm		99
28) 1,2,4-Trichlorobenzene	9.89	180	812321	50.41	ppm		100
29) Benzoic Acid	10.10	122	452796	49.18	ppm	#	58
30) Naphthalene	10.01	128	2252464	49.10	ppm		100
31) 4-Chloroaniline	10.30	127	1000743	48.89	ppm		99
32) Hexachlorobutadiene	10.48	225	398884	48.85	ppm		98
33) 4-Chloro-3-methylphenol	11.60	107	692787	48.26	ppm	#	1
34) 2-Methylnaphthalene	11.62	141	1331261	49.41	ppm	#	69
35) 2,3-Dichloroaniline	12.42	161	800366	48.27	ppm		99
37) Hexachlorocyclopentadiene	12.17	237	279686	46.51	ppm		98
38) 2,4,6-Trichlorophenol	12.45	196	493491	52.16	ppm		100
39) 2,4,5-Trichlorophenol	12.56	196	533821	52.54	ppm		100
41) 2-Chloronaphthalene	12.74	162	1320747	49.50	ppm		99
42) 2-Nitroaniline	13.18	65	543767	49.95	ppm		99
43) 1,3-Dinitrobenzene	13.75	168	280196	49.80	ppm	#	51
44) Acenaphthylene	13.70	152	1912278	48.94	ppm		100
45) Dimethylphthalate	13.77	163	1495812	48.12	ppm		99
46) 2,6-Dinitrotoluene	13.88	165	403634	50.34	ppm		98
47) Acenaphthene	14.16	154	1200933	48.84	ppm		99
48) 3-Nitroaniline	14.20	138	375587	47.20	ppm		100
49) 2,4-Dinitrophenol	14.42	184	216059	44.37	ppm		96
50) Dibenzofuran	14.54	168	1728003	47.88	ppm		99
51) 2,4-Dinitrotoluene	14.78	165	495028	50.38	ppm		89
52) 4-Nitrophenol	14.85	109	127299	44.43	ppm		95
53) Fluorene	15.34	166	1382378	47.48	ppm		98
54) 4-Chlorophenyl-phenylether	15.43	204	704573	48.48	ppm		100
55) Diethylphthalate	15.46	149	1342659	46.55	ppm		99
56) Azobenzene	15.80	77	1793923	45.47	ppm		98
57) 4-Nitroaniline	15.67	138	342472	47.96	ppm		99
58) n-Octadecane	17.60	57	1421164	48.12	ppm		99
60) 4,6-Dinitro-2-methylphenol	15.73	198	289545	51.82	ppm		84
61) n-Nitrosodiphenylamine	15.78	169	893166	50.57	ppm		96
63) 4-Bromophenyl-phenylether	16.56	248	401671	49.73	ppm		100
64) Hexachlorobenzene	16.81	284	452062	49.12	ppm		100
65) Pentachlorophenol	17.31	266	256521	49.46	ppm		98
66) Phenanthrene	17.56	178	1656172	48.57	ppm		100
67) Anthracene	17.66	178	1585623	46.61	ppm		100
68) Carbazole	18.15	167	1347570	46.31	ppm		100
69) Di-n-butylphthalate	19.14	149	2363348	48.42	ppm		100

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:13 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	19.93	202	1707138	46.63 ppm	99
72) Pyrene	20.28	202	1685700	49.11 ppm	100
73) 2,2'-Dichlorobenzil	20.51	139	1268323	51.50 ppm	99
75) Benzidine	20.26	184	284368	27.90 ppm	99
76) Butylbenzylphthalate	21.45	149	943287	50.24 ppm	98
77) 3,3'-Dichlorobenzidine	22.10	252	464425	49.28 ppm	99
78) Benzo[a]anthracene	22.07	228	1325285	48.26 ppm	99
79) Chrysene	22.13	228	1140688	46.56 ppm	99
80) bis(2-Ethylhexyl)phthalate	22.35	149	1170611	50.53 ppm	99
81) Di-n-octylphthalate	23.43	149	1667069	51.31 ppm	100
83) Benzo[b]fluoranthene	24.01	252	1310205	58.94 ppm	100
84) Benzo[k]fluoranthene	24.07	252	1107495	53.18 ppm	98
85) Benzo[a]pyrene	24.74	252	1105838	59.37 ppm	99
86) Indeno[1,2,3-cd]pyrene	27.37	276	1052289	60.45 ppm	99
87) Dibenz[a,h]anthracene	27.46	278	1108571	62.52 ppm	98
88) Benzo[g,h,i]perylene	27.91	276	1089783	61.03 ppm	99

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

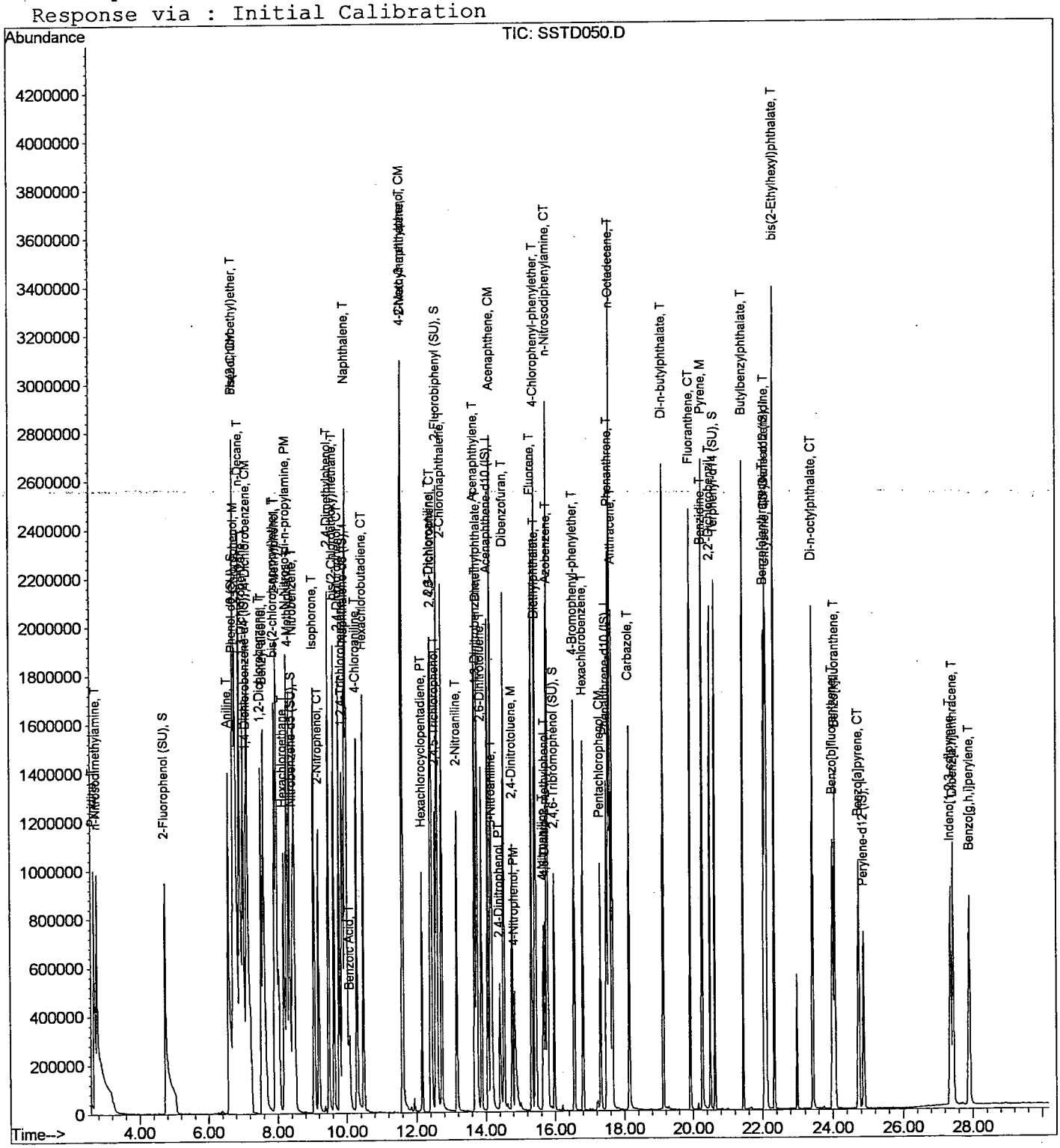
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\SSTD050.D
Acq On : 16 Nov 2007 1:38 pm
Sample : 50ppm MP STD# 7110295
Misc : 8270/625 Midpoint
MS Integration Params: RTEINT.P
Quant Time: Nov 16 14:13 19107

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

Quant Results File: H7K07SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\H1116002.D Vial: 4
Acq On : 16 Nov 2007 2:52 pm Operator: AMI/DF
Sample : IQK1137-09 Inst : GCMS8
Misc : Soil 15G/1ml ---- BATCH 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 15:22 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

cB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.12	152	550700	40.00	ppm	-0.10
20) Naphthalene-d8 (IS)	9.95	136	1731562	40.00	ppm	-0.12
36) Acenaphthene-d10 (IS)	14.06	164	863859	40.00	ppm	-0.13
59) Phenanthrene-d10 (IS)	17.48	188	1068198	40.00	ppm	-0.12
71) Chrysene-d12 (IS)	22.08	240	777808	40.00	ppm	-0.08
82) Perylene-d12 (IS)	24.86	264	527796	40.00	ppm	-0.13
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.90	112	1250160	59.31	ppm	0.05
Spiked Amount 100.000	Range 25 - 120		Recovery = 59.31%			
7) Phenol-d6 (SU)	6.77	99	1667390	61.03	ppm	-0.05
Spiked Amount 100.000	Range 30 - 120		Recovery = 61.03%			
21) Nitrobenzene-d5 (SU)	8.42	82	660941	31.37	ppm	-0.12
Spiked Amount 50.000	Range 30 - 120		Recovery = 62.74%			
40) 2-Fluorobiphenyl (SU)	12.59	172	1095243	37.19	ppm	-0.13
Spiked Amount 50.000	Range 35 - 120		Recovery = 74.38%			
62) 2,4,6-Tribromophenol (SU)	15.96	330	302747	79.07	ppm	-0.12
Spiked Amount 100.000	Range 35 - 120		Recovery = 79.07%			
74) Terphenyl-d14 (SU)	20.64	244	765935	38.09	ppm	-0.07
Spiked Amount 50.000	Range 35 - 155		Recovery = 76.18%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.42	70	92356	~~5.37~~	ppm	#NSM 81
45) Dimethylphthalate	14.07	163	179932	~~6.18~~	ppm	# 1
46) 2,6-Dinitrotoluene	14.06	165	111513	~~14.86~~	ppm	# 28
75) Benzidine	20.64	184	7293	~~0.79~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration
H1116002.D H7K07SV.M Fri Nov 16 15:22:37 2007 Page 1

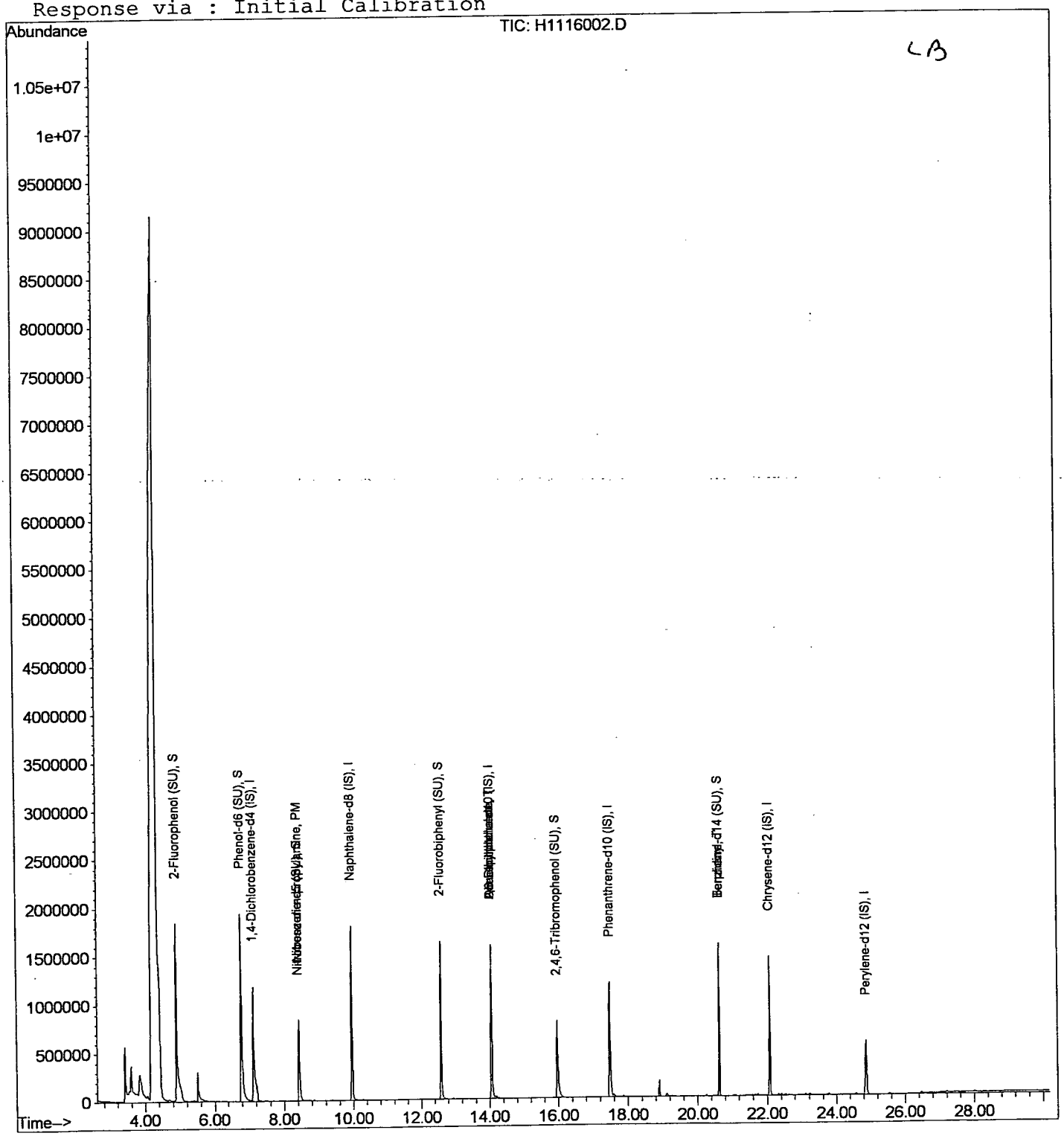
Quantitation Report

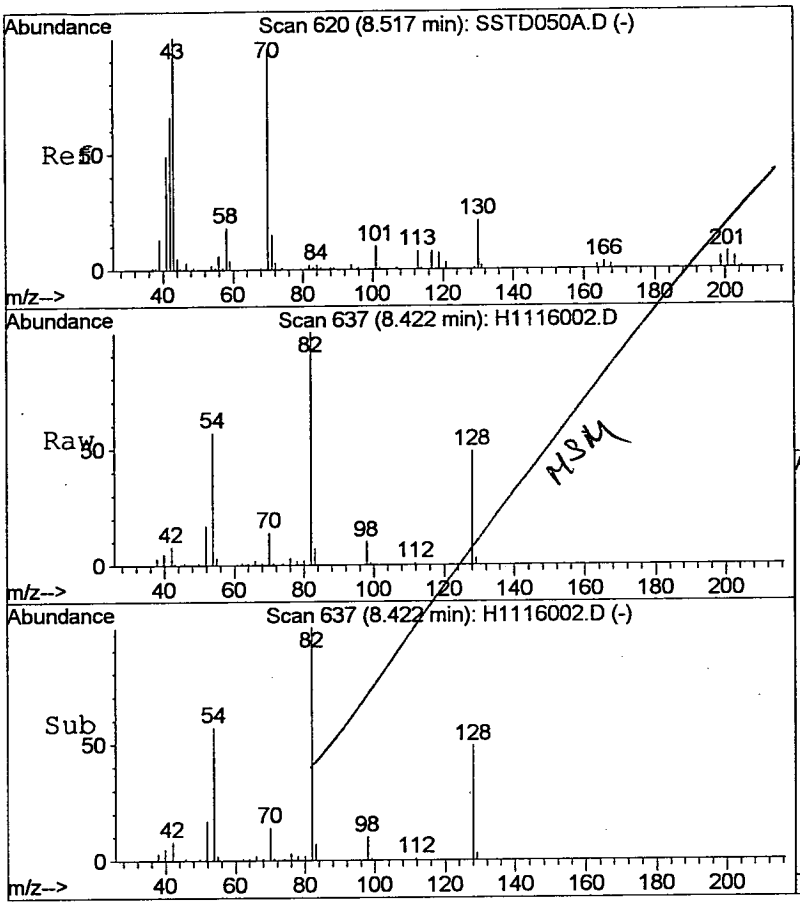
Data File : C:\GCMS8\DATA\07NOV16\H1116002.D
Acq On : 16 Nov 2007 2:52 pm
Sample : IQK1137-09
Misc : Soil 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 15:22 19107

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

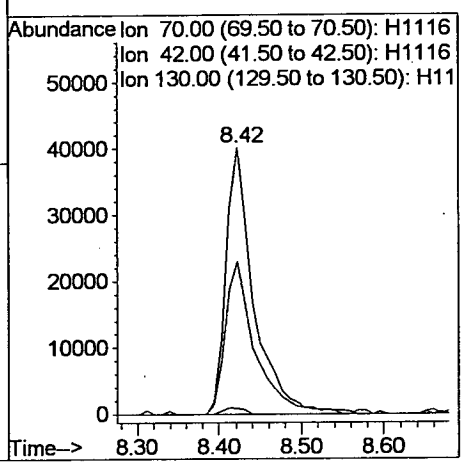


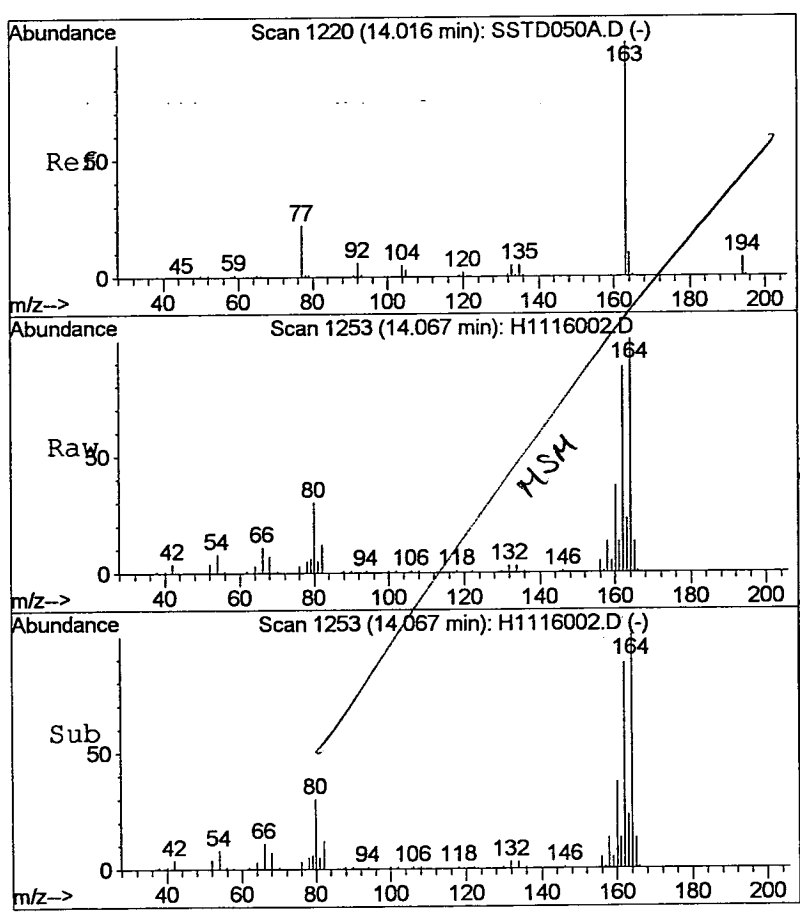


#18
N-Nitroso-di-n-propylamine
Concen: 5.37 ppm
RT: 8.42 min Scan# 637
Delta R.T. 0.03 min
Lab File: H1116002.D
Acq: 16 Nov 2007 2:52 pm

Tgt Ion: 70 Resp: 92356

Ion	Ratio	Lower	Upper
70	100		
42	61.8	51.2	91.2
130	1.8	2.4	42.4#

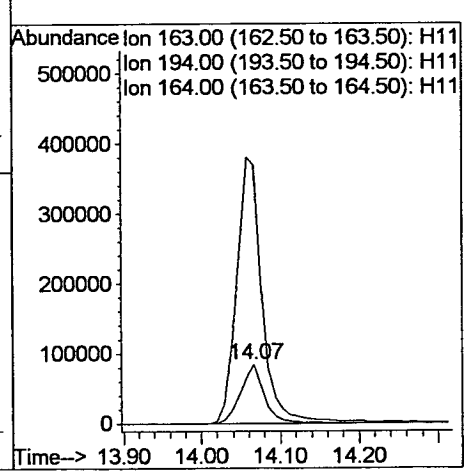


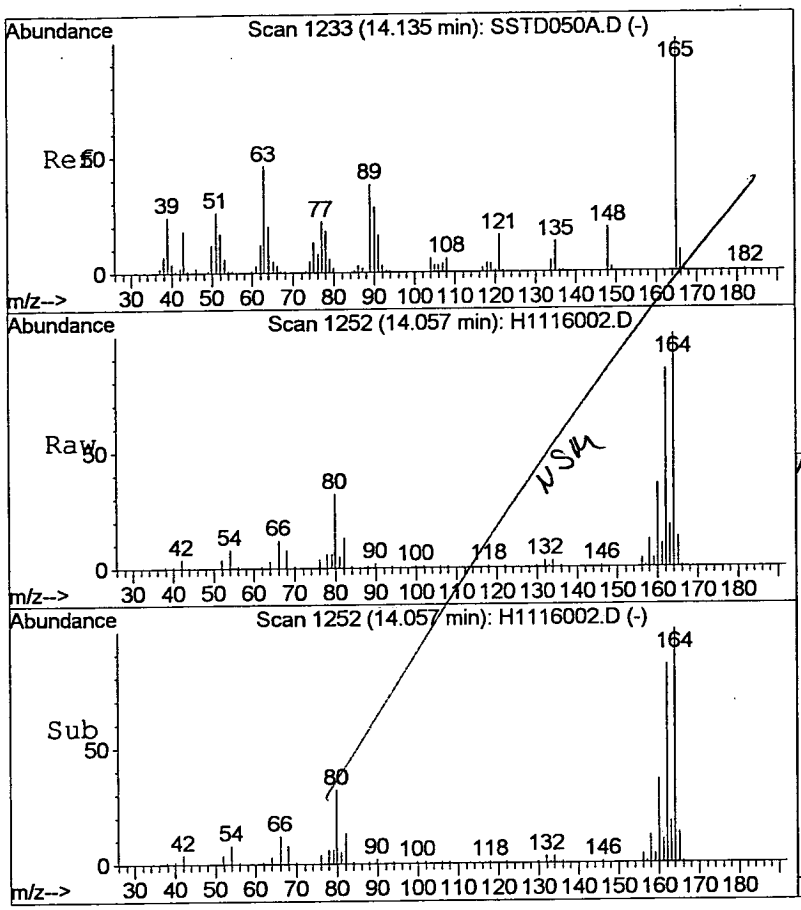


#45
Dimethylphthalate
Concen: 6.18 ppm
RT: 14.07 min Scan# 1253
Delta R.T. 0.18 min
Lab File: H1116002.D
Acq: 16 Nov 2007 2:52 pm

Tgt Ion:163 Resp: 179932

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.9
164	475.0	0.0	30.2#

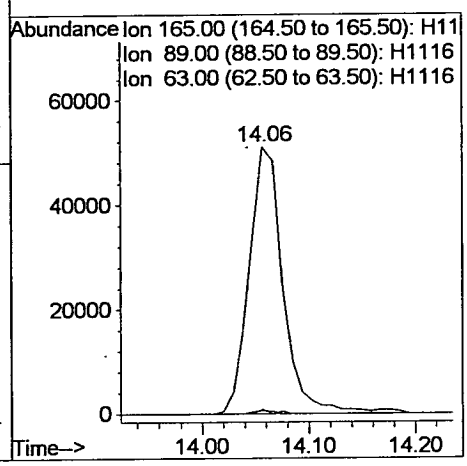


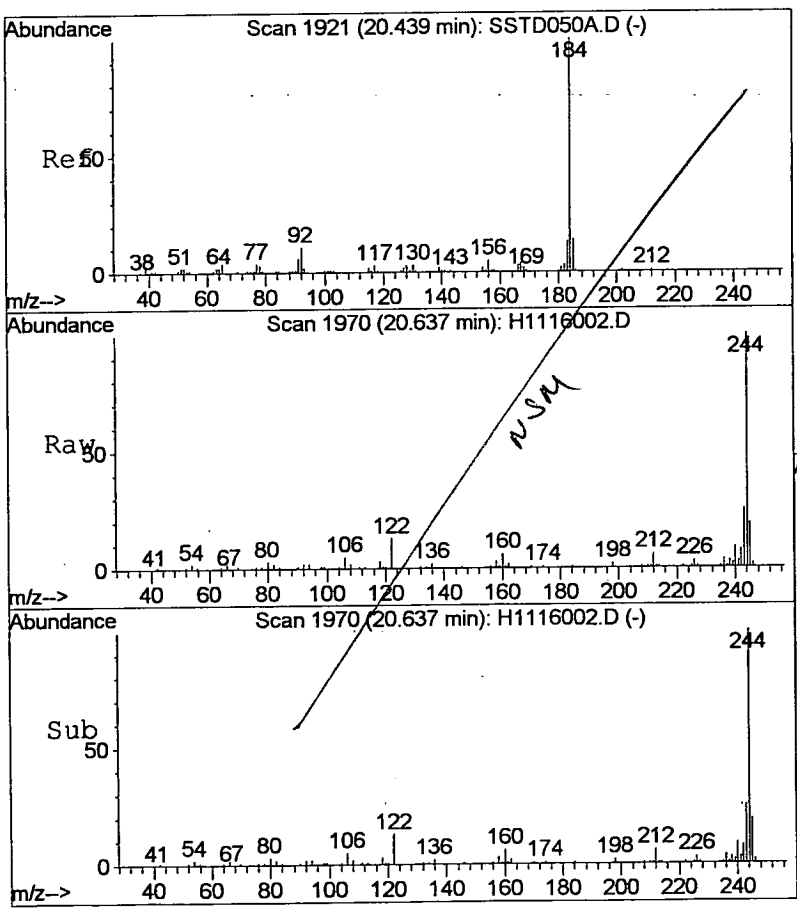


#46
2,6-Dinitrotoluene
Concen: 14.86 ppm
RT: 14.06 min Scan# 1252
Delta R.T. 0.06 min
Lab File: H1116002.D
Acq: 16 Nov 2007 2:52 pm

Tgt Ion:165 Resp: 111513

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

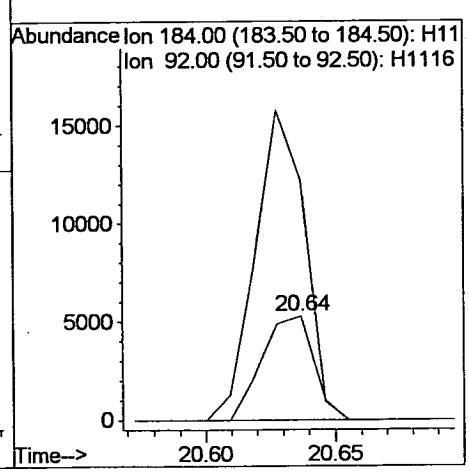




#75
Benzidine
Concen: 0.79 ppm
RT: 20.64 min Scan# 1970
Delta R.T. 0.32 min
Lab File: H1116002.D
Acq: 16 Nov 2007 2:52 pm

Tgt Ion:184 Resp: 7293

Ion	Ratio	Lower	Upper
184	100		
92	284.8	0.0	32.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\H1116003.D
Acq On : 16 Nov 2007 3:29 pm
Sample : IQK1137-10
Misc : Soil 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 15:59 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 : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration
DataAcq Meth : H7K07SV

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.11	152	522675	40.00	ppm	-0.12
20) Naphthalene-d8 (IS)	9.95	136	1668253	40.00	ppm	-0.12
36) Acenaphthene-d10 (IS)	14.06	164	834023	40.00	ppm	-0.12
59) Phenanthrene-d10 (IS)	17.48	188	1120442	40.00	ppm	-0.12
71) Chrysene-d12 (IS)	22.08	240	942994	40.00	ppm	-0.08
82) Perylene-d12 (IS)	24.87	264	686559	40.00	ppm	-0.12
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.89	112	1241072	62.04	ppm	0.04
Spiked Amount 100.000	Range 25 - 120		Recovery = 62.04%			
7) Phenol-d6 (SU)	6.77	99	1742993	67.22	ppm	-0.05
Spiked Amount 100.000	Range 30 - 120		Recovery = 67.22%			
21) Nitrobenzene-d5 (SU)	8.42	82	699803	34.47	ppm	-0.12
Spiked Amount 50.000	Range 30 - 120		Recovery = 68.94%			
40) 2-Fluorobiphenyl (SU)	12.59	172	1114212	39.19	ppm	-0.13
Spiked Amount 50.000	Range 35 - 120		Recovery = 78.38%			
62) 2,4,6-Tribromophenol (SU)	15.96	330	310802	77.39	ppm	-0.12
Spiked Amount 100.000	Range 35 - 120		Recovery = 77.39%			
74) Terphenyl-d14 (SU)	20.63	244	930530	38.17	ppm	-0.08
Spiked Amount 50.000	Range 35 - 155		Recovery = 76.34%			

Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.42	70	100191	6.13	ppm	# 77
45) Dimethylphthalate	14.06	163	174236	6.20	ppm	# 1
46) 2,6-Dinitrotoluene	14.06	165	108030	14.91	ppm	# 29
75) Benzidine	20.63	184	9072	0.81	ppm	# 1

(#) = qualifier out of range (m) = manual integration
H1116003.D H7K07SV.M Fri Nov 16 16:06:44 2007

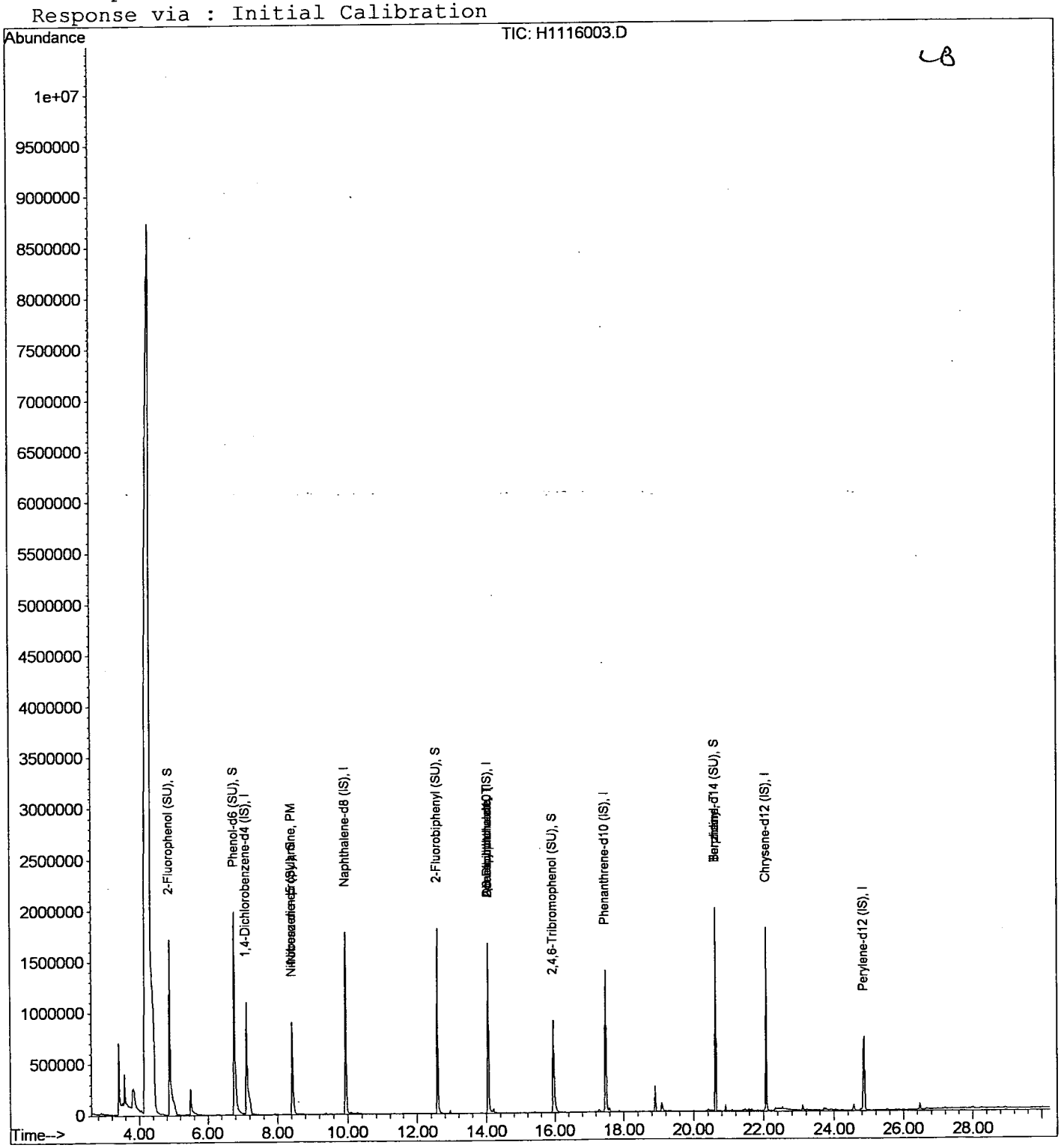
Quantitation Report

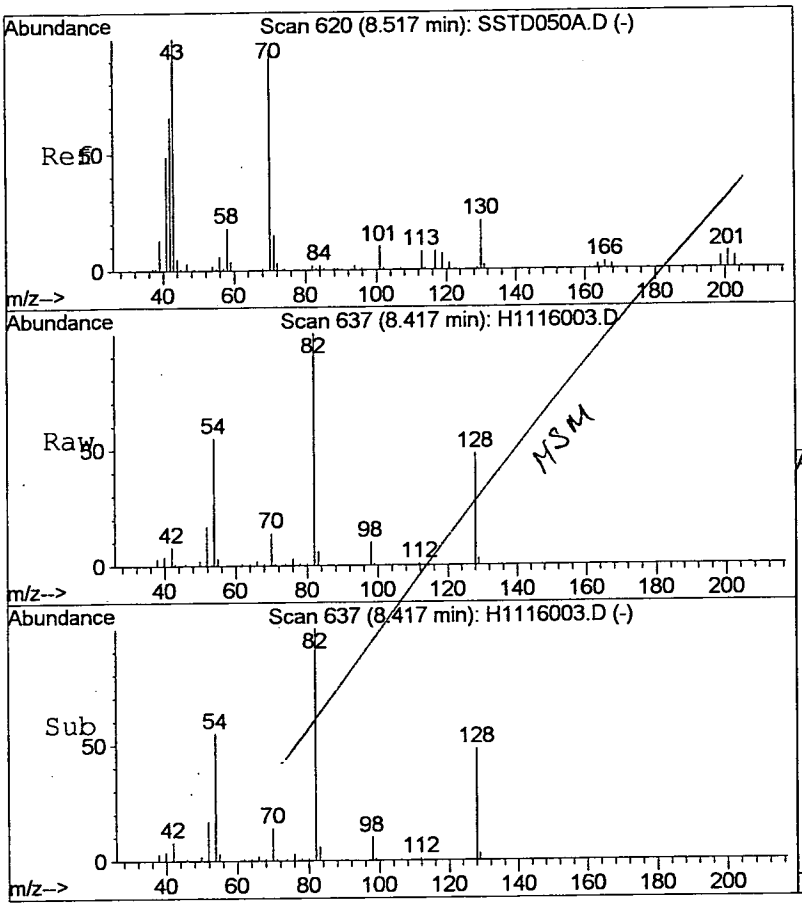
Data File : C:\GCMS8\DATA\07NOV16\H1116003.D
Acq On : 16 Nov 2007 3:29 pm
Sample : IQK1137-10
Misc : Soil 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 15:59 19107

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 : Wed Nov 07 17:42:36 2007
Response via : Initial Calibration

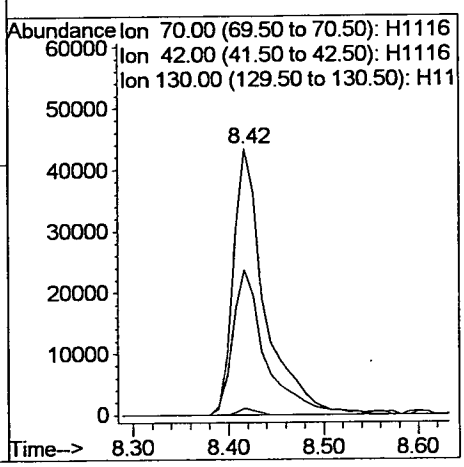


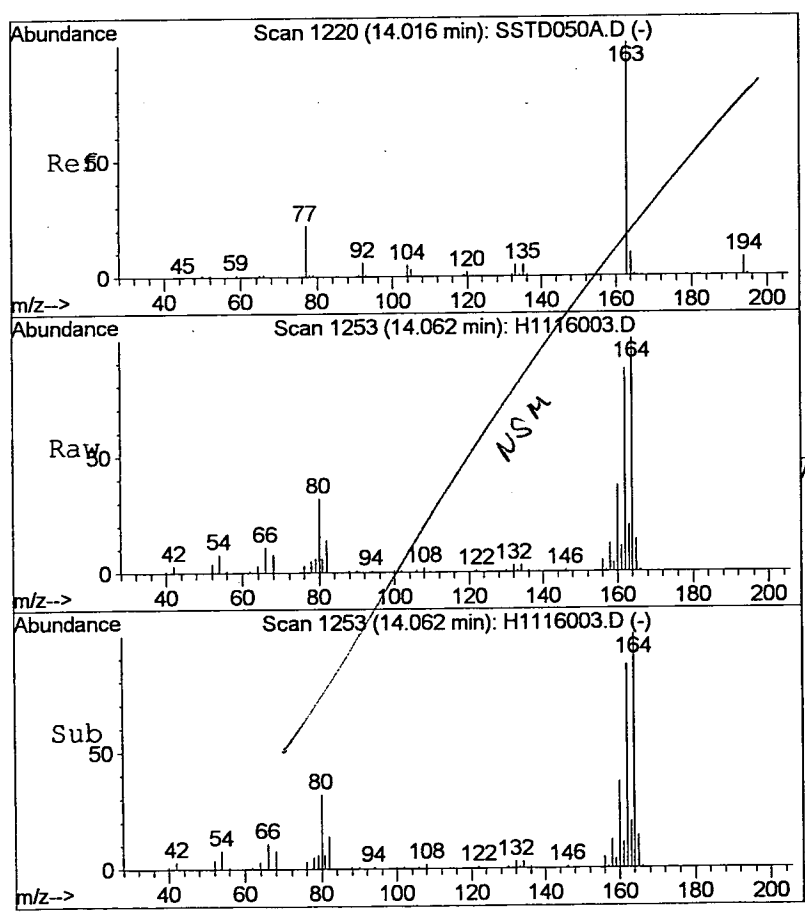


#18
N-Nitroso-di-n-propylamine
Concen: 6.13 ppm
RT: 8.42 min Scan# 637
Delta R.T. 0.02 min
Lab File: H1116003.D
Acq: 16 Nov 2007 3:29 pm

Tgt Ion: 70 Resp: 100191

Ion	Ratio	Lower	Upper
70	100		
42	57.1	51.2	91.2
130	1.5	2.4	42.4#

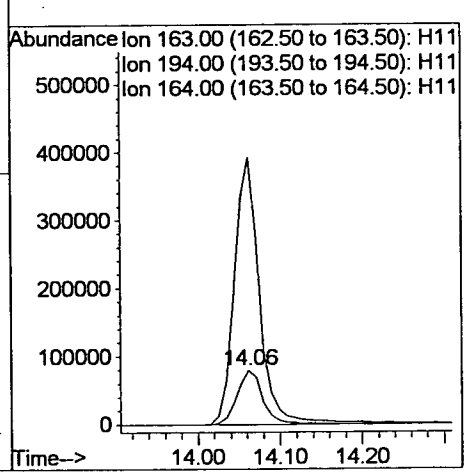


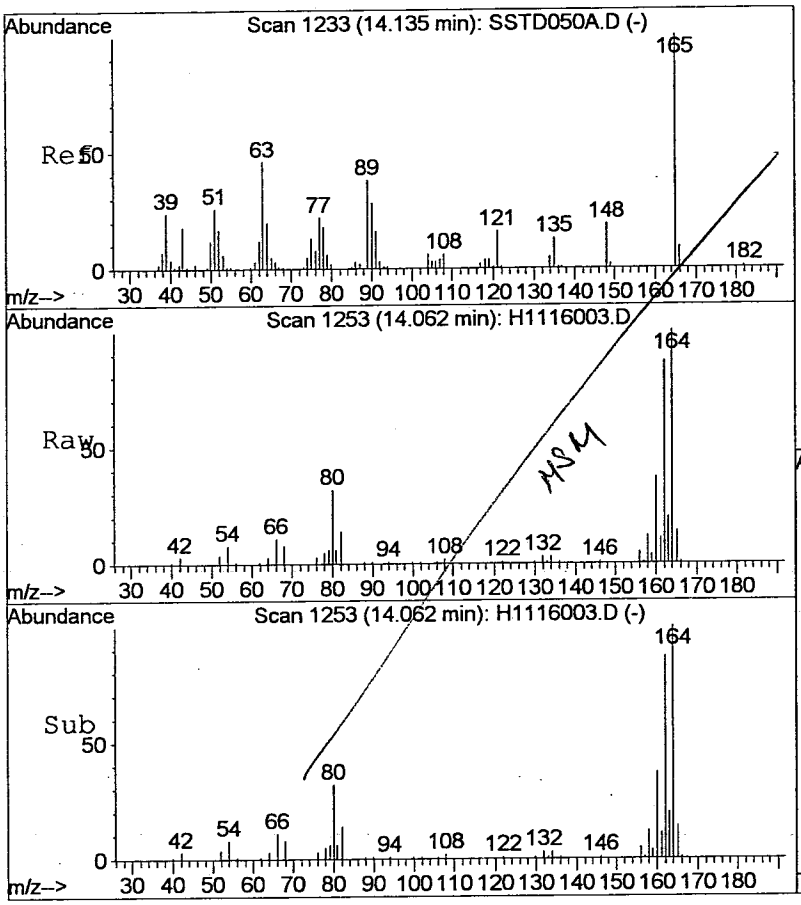


#45
Dimethylphthalate
Concen: 6.20 ppm
RT: 14.06 min Scan# 1253
Delta R.T. 0.18 min
Lab File: H1116003.D
Acq: 16 Nov 2007 3:29 pm

Tgt Ion:163 Resp: 174236

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.9
164	475.1	0.0	30.2#

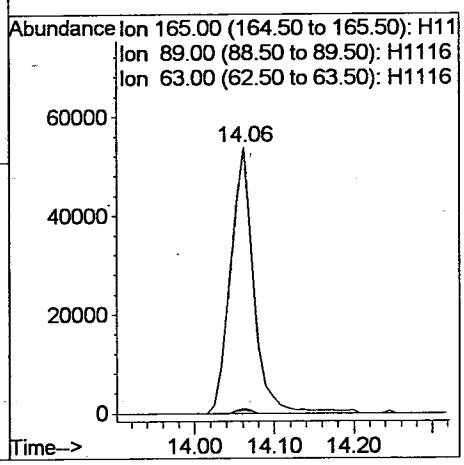


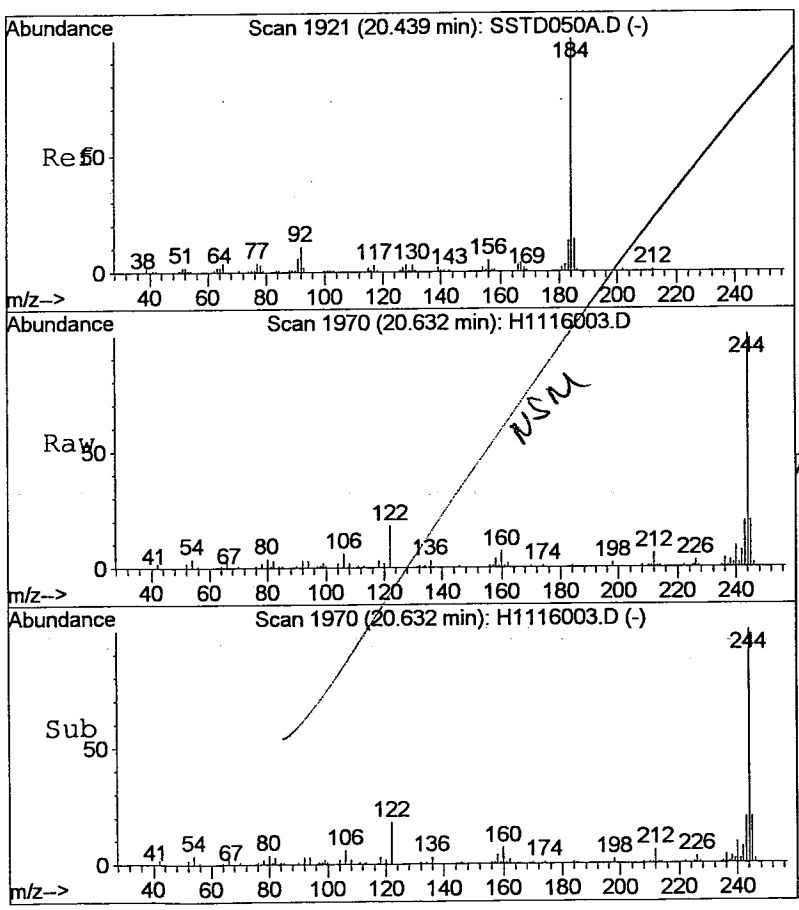


#46
2,6-Dinitrotoluene
Concen: 14.91 ppm
RT: 14.06 min Scan# 1253
Delta R.T. 0.07 min
Lab File: H1116003.D
Acq: 16 Nov 2007 3:29 pm

Tgt Ion:165 Resp: 108030

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

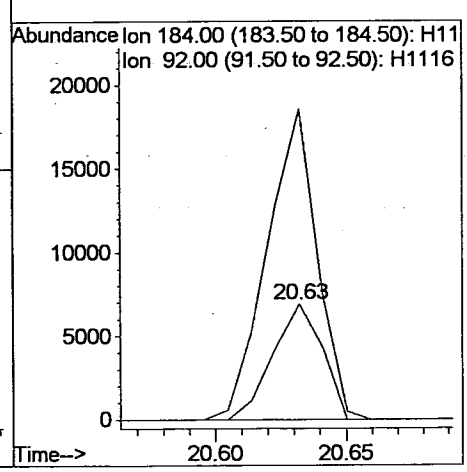




#75
Benzidine
Concen: 0.81 ppm
RT: 20.63 min Scan# 1970
Delta R.T. 0.32 min
Lab File: H1116003.D
Acq: 16 Nov 2007 3:29 pm

Tgt Ion:184 Resp: 9072

Ion	Ratio	Lower	Upper
184	100		
92	272.0	0.0	32.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS8\DATA\07NOV16\H1116004.D Vial: 6
Acq On : 16 Nov 2007 4:04 pm Operator: AMI/DF
Sample : IQK1137-11 Inst : GCMS8
Misc : Soil 15G/1ml ---- BATCH 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 16:34 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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	7.12	152	586406	40.00	ppm	-0.10
20) Naphthalene-d8 (IS)	9.95	136	1801283	40.00	ppm	-0.12
36) Acenaphthene-d10 (IS)	14.07	164	890595	40.00	ppm	-0.12
59) Phenanthrene-d10 (IS)	17.48	188	1094775	40.00	ppm	-0.12
71) Chrysene-d12 (IS)	22.08	240	750442	40.00	ppm	-0.08
82) Perylene-d12 (IS)	24.86	264	528091	40.00	ppm	-0.13
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	4.90	112	1265002	56.36	ppm	0.05
Spiked Amount 100.000	Range 25 - 120		Recovery = 56.36%			
7) Phenol-d6 (SU)	6.77	99	1666476	57.28	ppm	-0.05
Spiked Amount 100.000	Range 30 - 120		Recovery = 57.28%			
21) Nitrobenzene-d5 (SU)	8.42	82	669114	30.53	ppm	-0.12
Spiked Amount 50.000	Range 30 - 120		Recovery = 61.06%			
40) 2-Fluorobiphenyl (SU)	12.58	172	1039704	34.25	ppm	-0.14
Spiked Amount 50.000	Range 35 - 120		Recovery = 68.50%			
62) 2,4,6-Tribromophenol (SU)	15.96	330	285855	72.85	ppm	-0.12
Spiked Amount 100.000	Range 35 - 120		Recovery = 72.85%			
74) Terphenyl-d14 (SU)	20.64	244	727106	37.48	ppm	-0.07
Spiked Amount 50.000	Range 35 - 155		Recovery = 74.96%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	8.42	70	93063	5.08	ppm	# 79
45) Dimethylphthalate	14.07	163	185146	6.17	ppm	# 1
46) 2,6-Dinitrotoluene	14.06	165	115089	14.87	ppm	# 29
75) Benzidine	20.63	184	7528	0.84	ppm	# 1

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

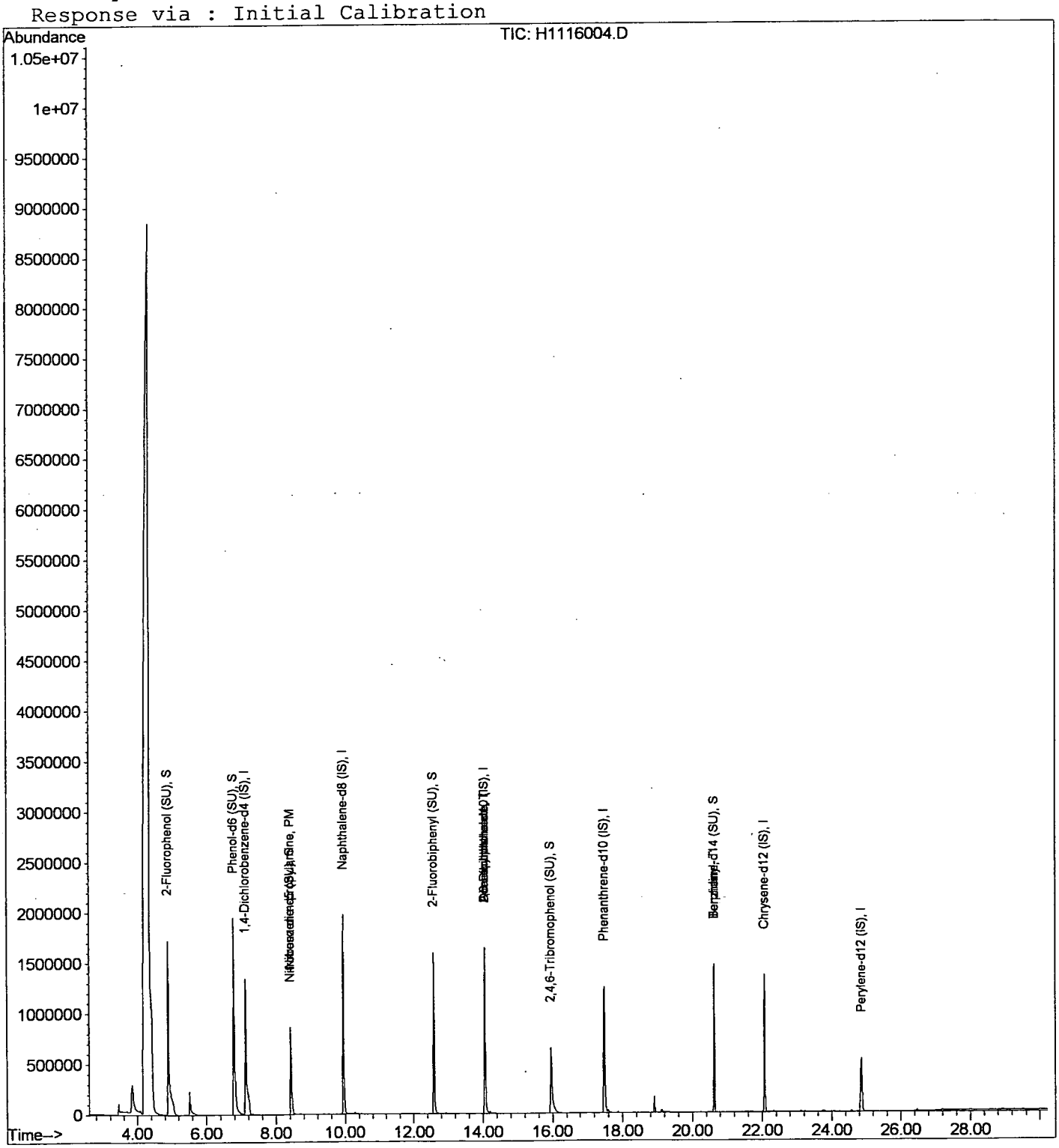
Quantitation Report

Data File : C:\GCMS8\DATA\07NOV16\H1116004.D
Acq On : 16 Nov 2007 4:04 pm
Sample : IQK1137-11
Misc : Soil 15G/1ml ---- BATCH 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 16:34 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



GC/MS DAILY LOG SUMMARY

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

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

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

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

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

Standard Code:

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

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

2nd Level Review:	
Date: 11/20/07	Analyst: LB
	Analysis Date: 11-15-07
	GCMS #: 62

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

Comments:

GC/MS QA-QC Check Report

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

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

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

- fails 12hr time check * - fails criteria

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

RESPONSE FACTOR REPORT

Operator_____
Standard Lot_____
Reviewed by_____
GCMS62

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

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

	COMPOUND	5	10	50	80	120	160	2	AVG	%RSD
I	1,4-Dichlorobenzene-d4 (IS)	ISTD								
S	2-Fluorophenol (SU)	1.712	1.720	1.606	1.640	1.549	1.526	1.551	1.615	4.89
T	Pyridine	1.849	1.884	1.766	1.791	1.667	1.672	1.580	1.744	6.25
T	n-Nitrosodimethylamine	1.175	1.122	1.078	1.056	0.996	0.993	1.064	1.069	6.10
T	bis(2-Chloroethyl)ether	1.730	1.603	1.664	1.509	1.400	1.305	1.684	1.556	10.17
T	Aniline	2.577	2.335	2.229	2.009	1.854	1.817	2.484	2.186	13.78
S	Phenol-d6 (SU)	2.038	1.861	1.811	1.650	1.499	1.419	1.938	1.745	13.17
CM	Phenol	2.321	2.151	2.012	1.850	1.740	1.636	2.254	1.995	13.15
M	2-Chlorophenol	1.549	1.435	1.489	1.398	1.331	1.274	1.487	1.423	6.79
T	n-Decane	1.385	1.526	1.225	1.227	0.993		1.381	1.290	14.27
T	1,3-Dichlorobenzene	1.761	1.721	1.607	1.582	1.470	1.413	1.696	1.607	8.10
CM	1,4-Dichlorobenzene	1.752	1.741	1.597	1.564	1.420	1.304	1.725	1.586	10.86
T	1,2-Dichlorobenzene	1.637	1.562	1.525	1.437	1.254	1.049	1.553	1.431	14.55
T	Benzyl alcohol	0.925	0.819	0.964	0.841	0.774	0.716	0.853	0.842	10.04
T	bis(2-chloroisopropyl)ether	1.364	1.278	1.414	1.239	1.145	1.052	1.419	1.273	10.91
T	2-Methylphenol	1.150	1.034	1.113	0.999	0.951	0.893	1.128	1.038	9.34
T	Hexachloroethane	0.622	0.608	0.558	0.545	0.463	0.433	0.601	0.547	13.43
PM	N-Nitroso-di-n-propylamine	0.898	0.821	0.883	0.730	0.740	0.778	0.944	0.828	10.04
T	4-Methylphenol	1.653	1.473	1.620	1.429	1.172	1.099	1.561	1.430	15.12
I	Naphthalene-d8 (IS)	ISTD								
S	Nitrobenzene-d5 (SU)	0.367	0.352	0.362	0.355	0.349	0.342	0.356	0.355	2.33
T	Nitrobenzene	0.381	0.351	0.358	0.338	0.333	0.319	0.357	0.348	5.82
T	Isophorone	0.635	0.631	0.658	0.614	0.588	0.615	0.664	0.629	4.20
CT	2-Nitrophenol	0.194	0.192	0.216	0.210	0.210	0.207	0.185	0.202	5.71
T	2,4-Dimethylphenol	0.340	0.318	0.330	0.320	0.304	0.297	0.317	0.318	4.55
T	bis(2-Chloroethoxy)methane	0.460	0.469	0.473	0.454	0.426	0.417	0.491	0.456	5.71
CT	2,4-Dichlorophenol	0.290	0.289	0.295	0.285	0.275	0.268	0.273	0.282	3.54
M	1,2,4-Trichlorobenzene	0.317	0.321	0.286	0.300	0.279	0.255	0.300	0.294	7.73
T	Benzoic Acid	0.042	0.089	0.179	0.176	0.198	0.210		0.149	45.41*
T	Naphthalene	1.060	1.041	0.956	0.958	0.870	0.792	1.049	0.961	10.49
T	4-Chloroaniline	0.414	0.432	0.438	0.422	0.390	0.379	0.413	0.413	5.19
CT	Hexachlorobutadiene	0.172	0.174	0.157	0.168	0.156	0.148	0.170	0.164	6.12
CM	4-Chloro-3-methylphenol	0.270	0.275	0.288	0.274	0.244	0.251	0.260	0.266	5.76
T	2-Methylnaphthalene	0.528	0.559	0.522	0.506	0.435	0.408	0.541	0.500	11.32
T	2,3-Dichloroaniline	0.323	0.354	0.309	0.304	0.238		0.354	0.314	13.59
I	Acenaphthene-d10 (IS)	ISTD								
PT	Hexachlorocyclopentadiene	0.229	0.202	0.280	0.263	0.314	0.286		0.262	15.62*
CT	2,4,6-Trichlorophenol	0.396	0.368	0.381	0.354	0.338	0.294	0.344	0.353	9.44
T	2,4,5-Trichlorophenol	0.400	0.378	0.444	0.421	0.431	0.390		0.411	6.15
S	2-Fluorobiphenyl (SU)	1.560	1.423	1.454	1.346	1.397	1.191	1.500	1.410	8.43
T	2-Chloronaphthalene	1.301	1.217	1.250	1.172	1.205	1.058	1.231	1.205	6.32
T	2-Nitroaniline	0.282	0.296	0.322	0.323	0.299	0.304	0.280	0.301	5.70
T	1,3-Dinitrobenzene	0.173	0.192	0.227	0.240	0.209	0.175		0.203	13.71**
T	Acenaphthylene	1.851	1.799	1.667	1.606	1.463		1.779	1.694	8.54
T	Dimethylphthalate	1.331	1.385	1.274	1.265	1.067	0.956	1.402	1.240	13.48
T	2,6-Dinitrotoluene	0.303	0.327	0.343	0.354	0.325	0.328	0.288	0.324	6.94
CM	Acenaphthene	1.165	1.119	1.085	1.054	0.991	0.875	1.129	1.060	9.37
T	3-Nitroaniline	0.305	0.362	0.376	0.403	0.361	0.353	0.274	0.348	12.62
PT	2,4-Dinitrophenol	0.031	0.055	0.140	0.162	0.164	0.196		0.125	53.05*
T	Dibenzofuran	1.659	1.683	1.616	1.615	1.500	1.395	1.706	1.596	6.95
M	2,4-Dinitrotoluene	0.340	0.409	0.435	0.484	0.425	0.438		0.422	11.22
PM	4-Nitrophenol	0.059	0.075	0.112	0.125	0.117	0.124		0.102	27.26*
T	Fluorene	1.272	1.385	1.252	1.291	1.125	1.047	1.258	1.233	9.08
T	4-Chlorophenyl-phenylether	0.594	0.635	0.576	0.582	0.520	0.444	0.588	0.563	11.07
T	Diethylphthalate	1.211	1.415	1.286	1.340	1.141	1.010	1.264	1.238	10.77
T	Azobenzene	1.254	1.406	1.420	1.438	1.271	1.225	1.273	1.327	6.80
T	4-Nitroaniline	0.275	0.350	0.358	0.407	0.360	0.367		0.353	12.18
T	n-Octadecane	0.536	0.662	0.512	0.534	0.482	0.404	0.558	0.527	14.80
I	Phenanthrene-d10 (IS)	ISTD								
T	4,6-Dinitro-2-methylphenol	0.051	0.067	0.160	0.165	0.188	0.225		0.143	48.12*
CT	n-Nitrosodiphenylamine	0.684	0.652	0.759	0.683	0.704	0.720	0.706	0.701	4.81
S	2,4,6-Tribromophenol (SU)	0.182	0.186	0.230	0.225	0.239		0.161	0.204	15.43
T	4-Bromophenyl-phenylether	0.310	0.308	0.341	0.320	0.333	0.358	0.330	0.329	5.34
T	Hexachlorobenzene	0.420	0.424	0.436	0.414	0.427	0.450	0.432	0.429	2.70
CM	Pentachlorophenol		0.154	0.257	0.256	0.277	0.307		0.250	22.95#
T	Phenanthrene	1.275	1.291	1.313	1.275	1.288	1.314	1.272	1.290	1.38
T	Anthracene	1.272	1.275	1.325	1.287	1.293	1.335	1.272	1.294	1.99
T	Carbazole	1.012	1.054	1.113	1.154	1.198	1.210	0.972	1.102	8.36
T	Di-n-butylphthalate	1.412	1.600	1.594	1.563	1.610	1.516	1.436	1.533	5.28
CT	Fluoranthene	1.115	1.206	1.147	1.144	1.193	1.081	1.045	1.133	5.10
I	Chrysene-d12 (IS)	ISTD								
M	Pyrene	1.422	1.474	1.489	1.544	1.395	1.298	1.506	1.447	5.72
T	2,2'-Dichlorobenzil	0.944	1.035	1.122	1.149	1.081	1.003	0.997	1.047	7.01
S	Terphenyl-d14 (SU)	1.117	1.123	1.134	1.167	1.050	0.973	1.178	1.106	6.49
T	Benzidine	0.444	0.441	0.479	0.418	0.414	0.362	0.354	0.416	10.81
T	Butylbenzylphthalate	0.619	0.654	0.711	0.712	0.682	0.637	0.626	0.663	5.86
T	3,3'-Dichlorobenzidine	0.380	0.408	0.434	0.430	0.420	0.404	0.355	0.405	7.06
T	Benzo[a]anthracene	1.039	1.093	1.020	1.037	0.996	0.945	1.065	1.028	4.66
T	Chrysene	1.032	1.051	0.979	0.997	0.992	0.964	1.029	1.006	3.16
T	bis(2-Ethylhexyl)phthalate	0.706	0.770	0.861	0.868	0.848	0.832	0.755	0.806	7.71
CT	Di-n-octylphthalate	0.761	0.855	1.019	1.060	1.057	1.146		0.983	14.74#
I	Perylene-d12 (IS)	ISTD								
T	Benzo[b]fluoranthene	1.327	1.390	1.664	1.339	1.364	1.286	1.316	1.384	9.25
T	Benzo[k]fluoranthene	1.294	1.345	1.610	1.346	1.205	1.175	1.268	1.321	10.85
CT	Benzo[a]pyrene	1.103	1.143	1.380	1.167	1.141	1.103	1.063	1.157	8.99
T	Indeno[1,2,3-cd]pyrene	0.961	0.974	1.221	1.176	1.210	1.153	1.033	1.104	10.14
T	Dibenz[a,h]anthracene	0.984	1.024	1.281	1.236	1.252	1.162	0.958	1.128	12.13
T	Benzo[g,h,i]perylene	1.042	1.054	1.258	1.247	1.246	1.138	1.138	1.160	7.92

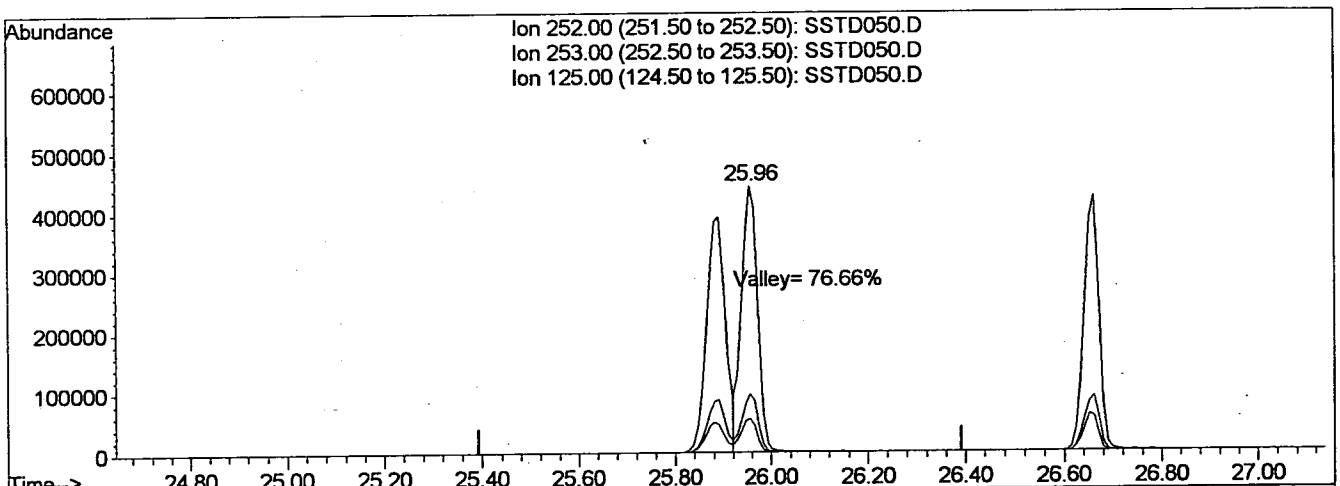
(#) = Out of Range (*) = Linear Regression (**) = Quadratic

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

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050.D Vial: 2
Acq On : 15 Nov 2007 9:34 am Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
Quant Time: Nov 15 11:38 2007 Quant Results File: temp.res

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



TIC: SSTD050.D

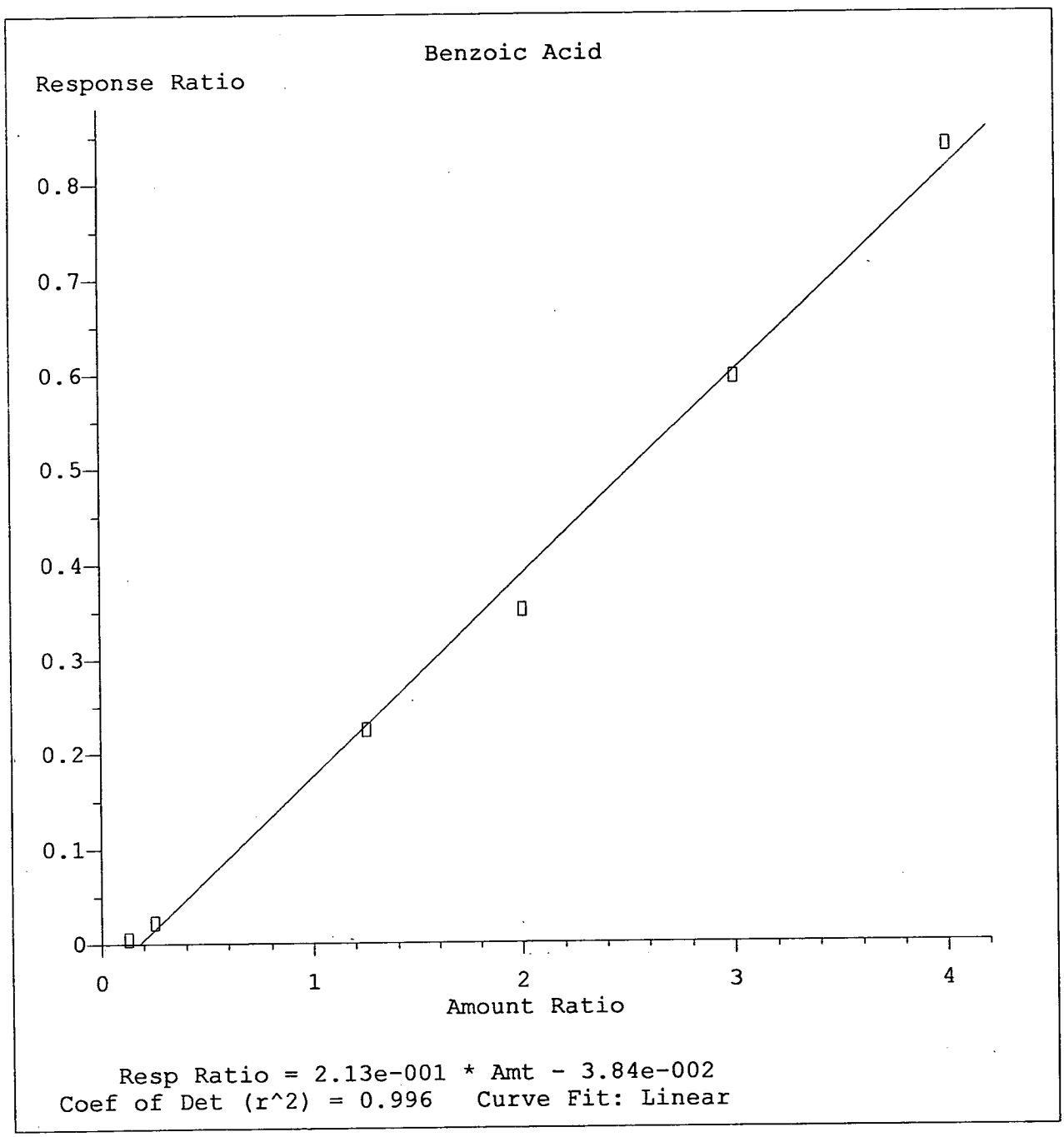
(83) Benzo[b]fluoranthene (T)

25.89min 58.12ppm

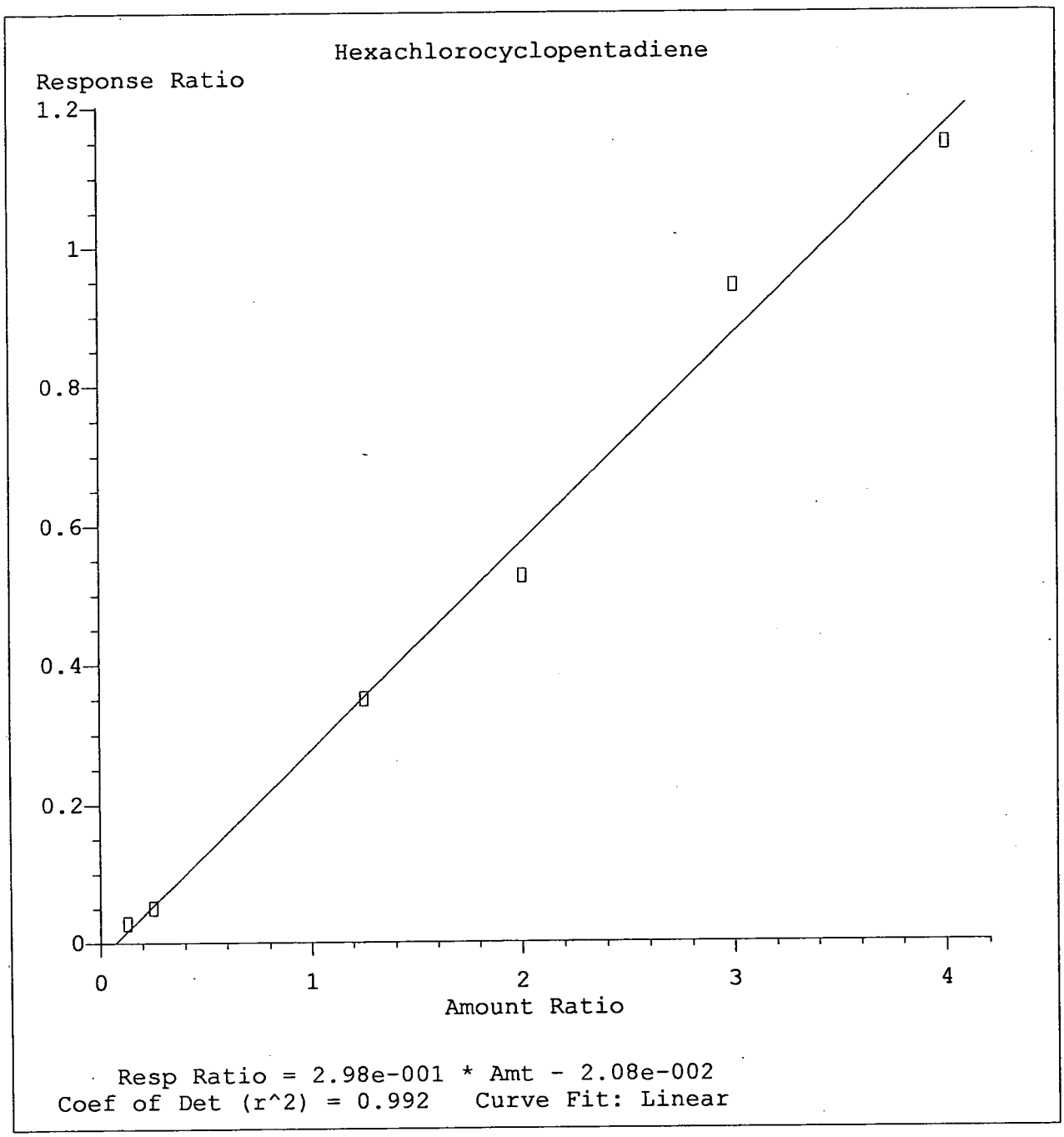
response 1063842

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

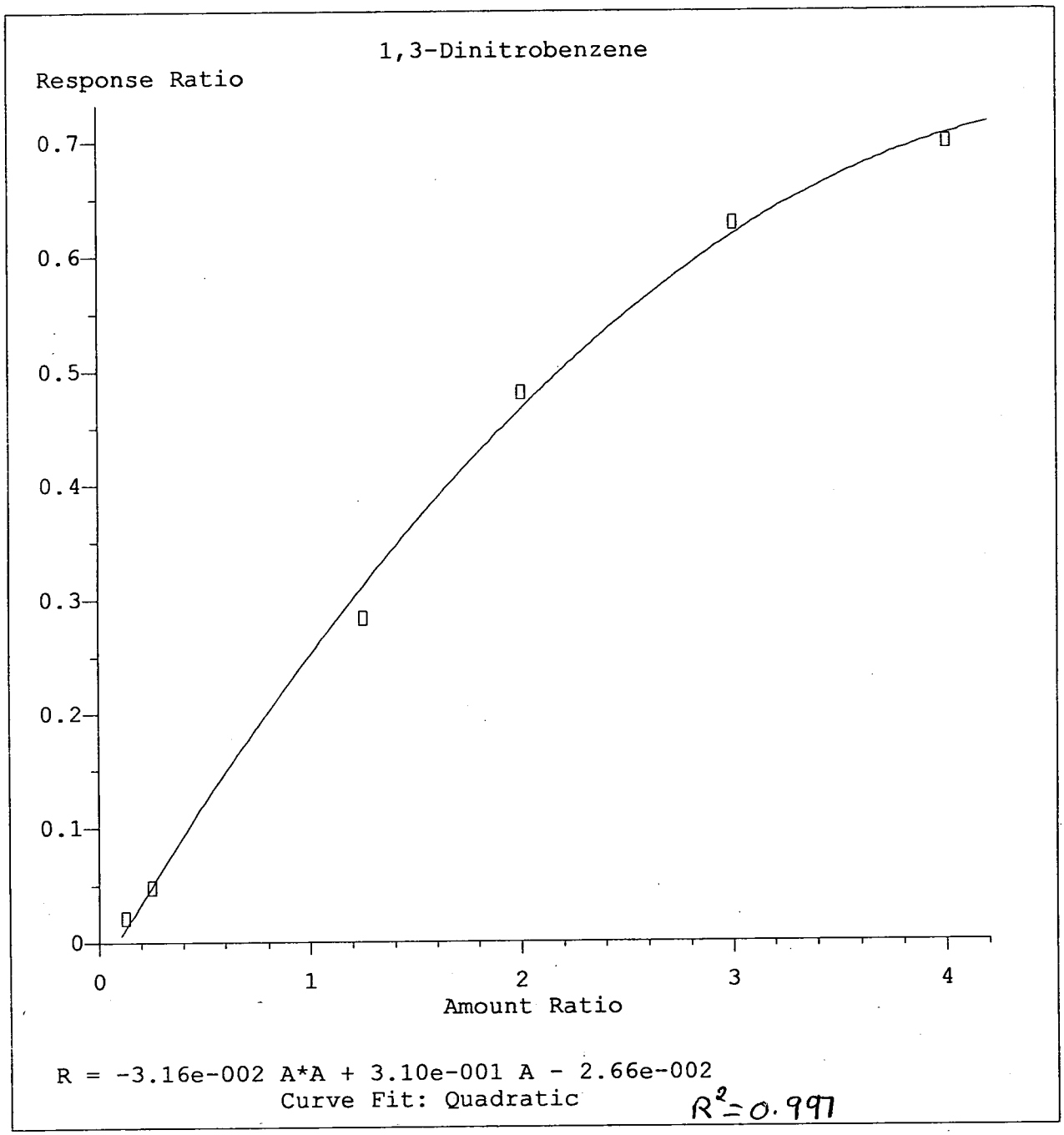
SSTD050.D G7K15SV.M Fri Nov 16 09:27:48 2007



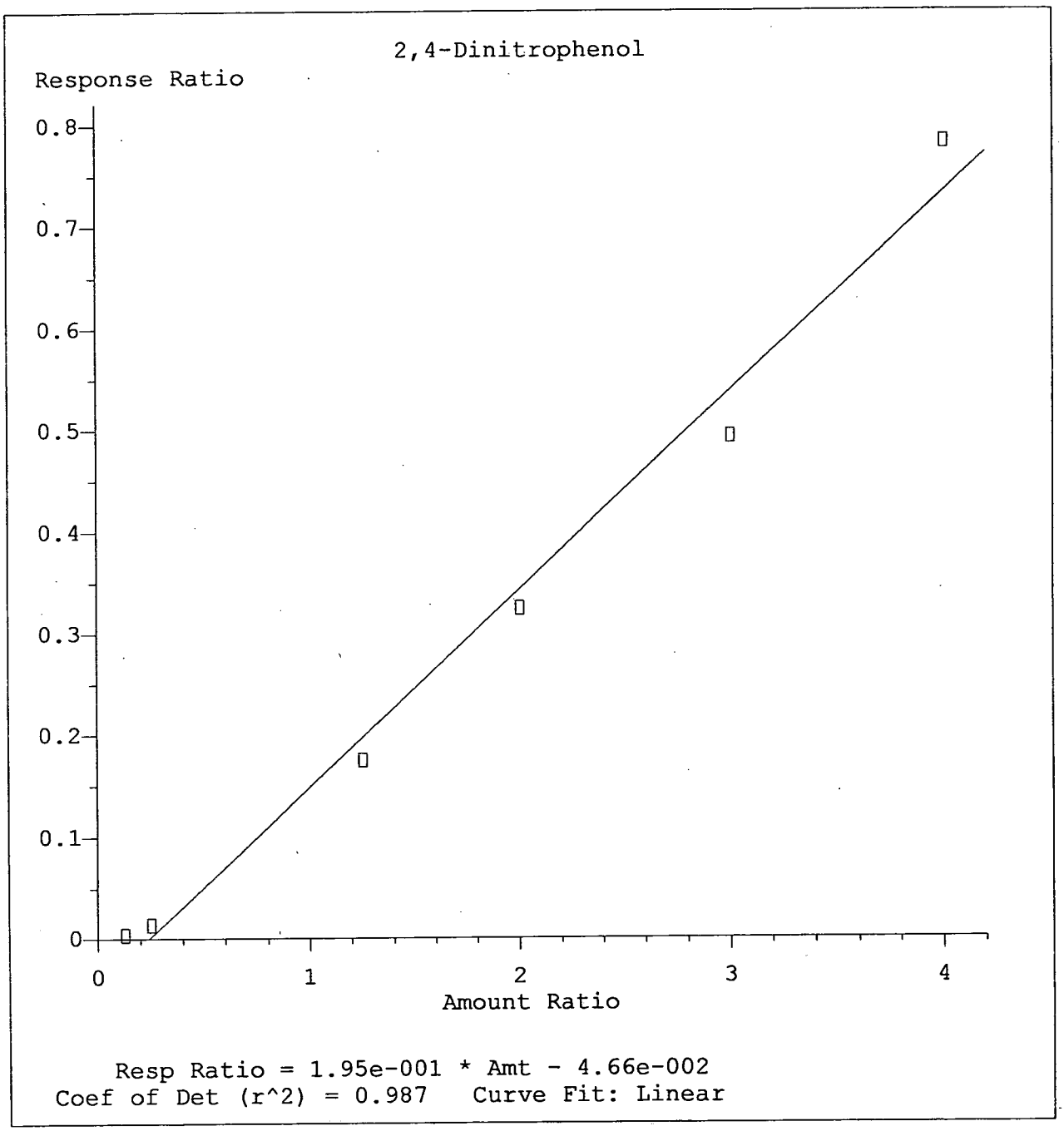
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



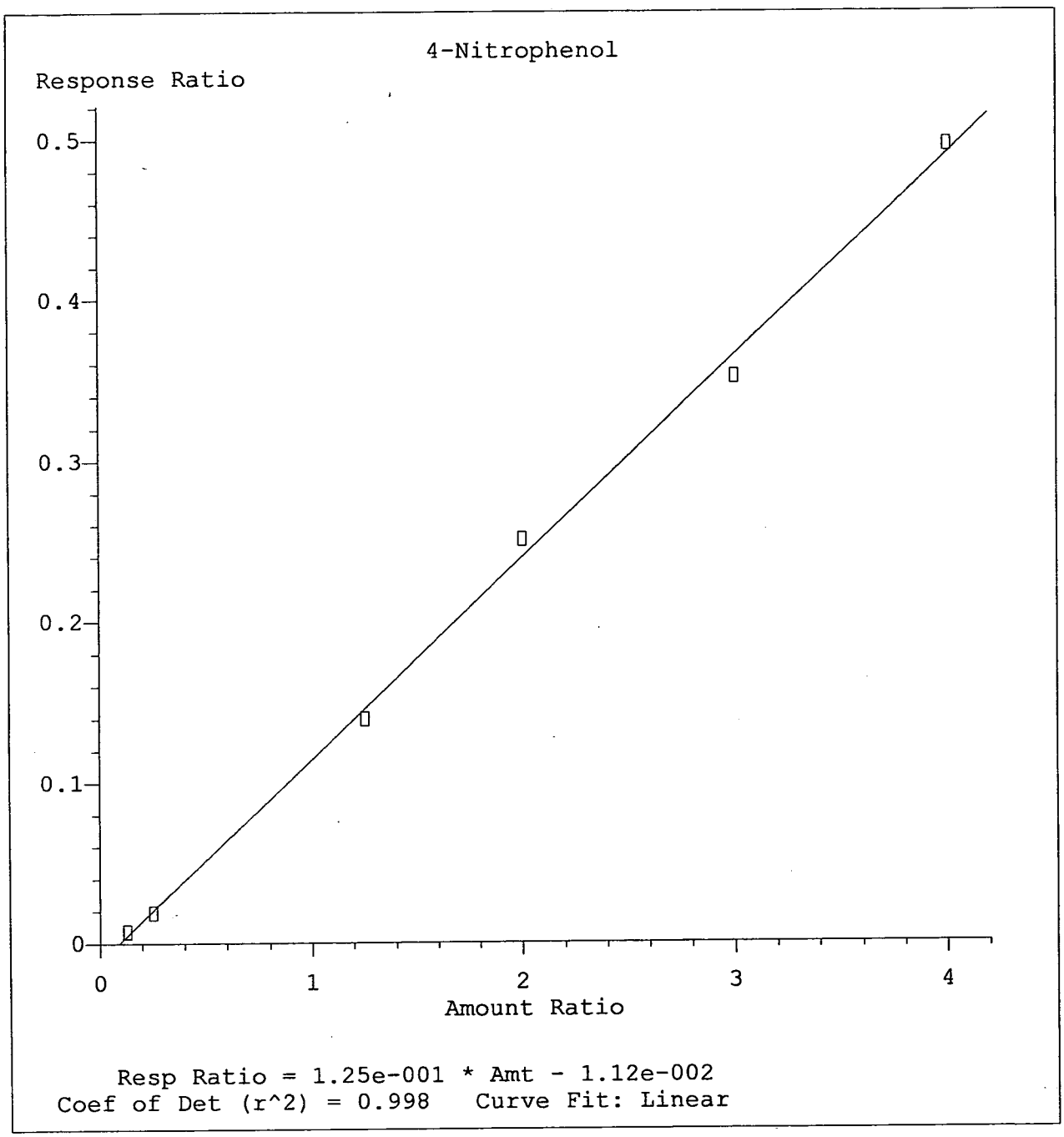
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



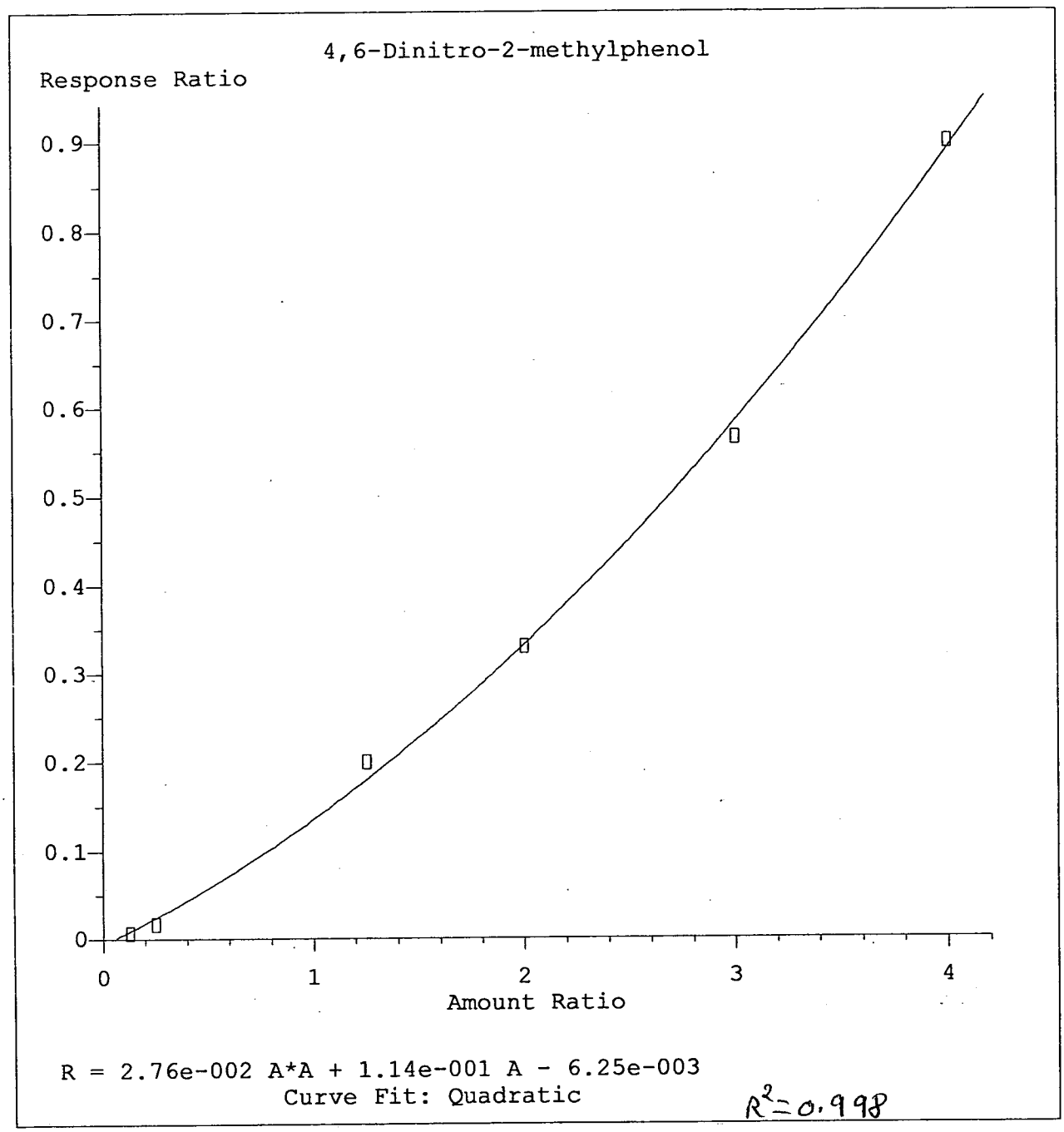
Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007



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



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

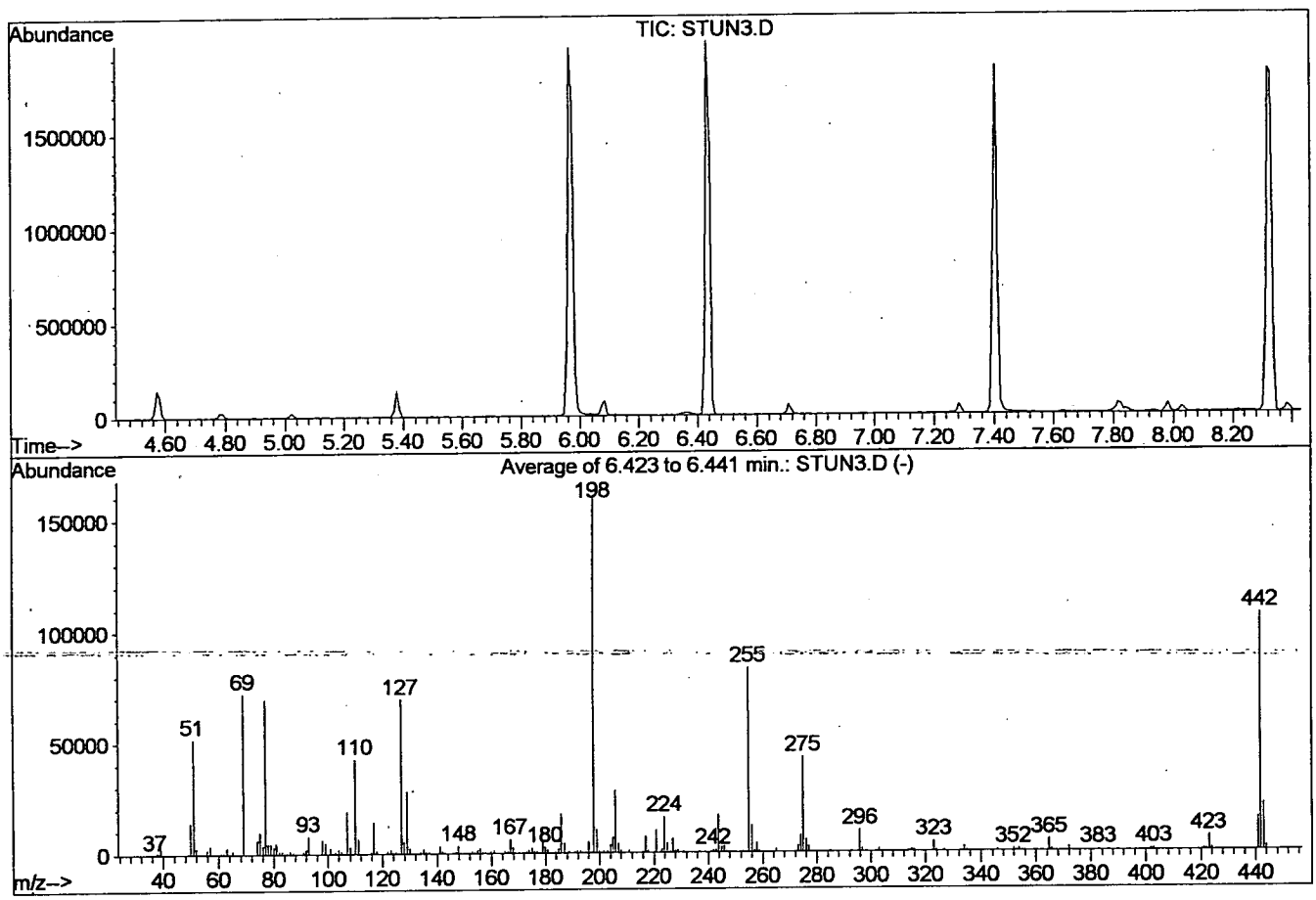


Method Name: C:\HPCHEM\1\METHODS\G7K15SV.M
Calibration Table Last Updated: Thu Nov 15 15:58:53 2007

DFTPP

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

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



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

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

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

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

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

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

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

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

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

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

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

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

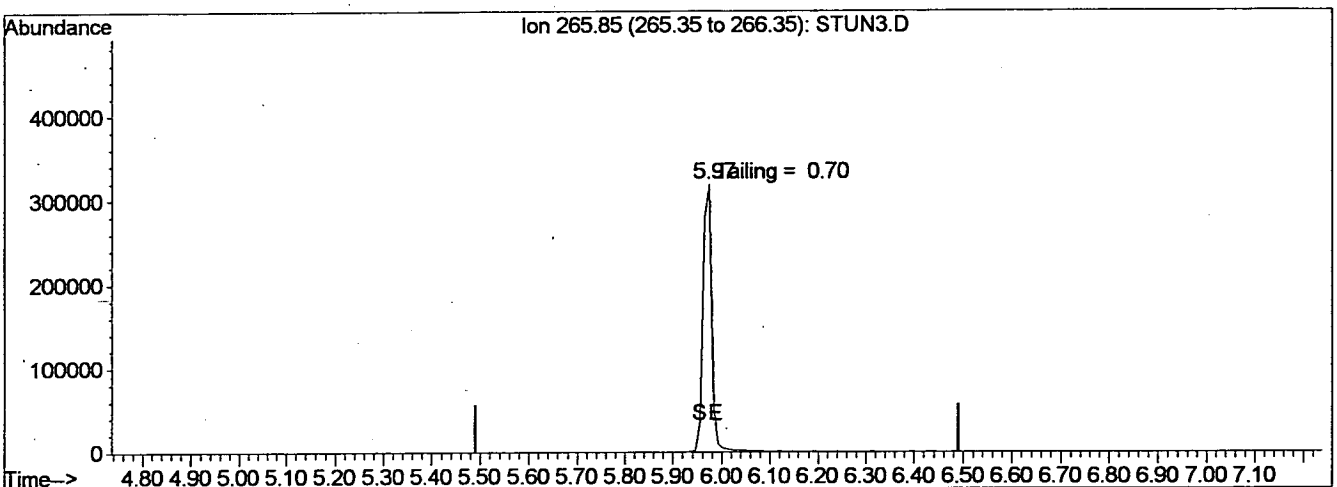
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
332.90	389	365.80	745	423.90	1175		
333.90	2366	371.85	2111	440.90	14933		
334.90	584	372.85	338	441.90	106747		
340.80	217	382.85	611	442.90	21183		
345.85	747	389.75	207	443.90	1916		
346.85	180	401.90	760				
351.80	1085	402.85	1078				
352.85	719	403.90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

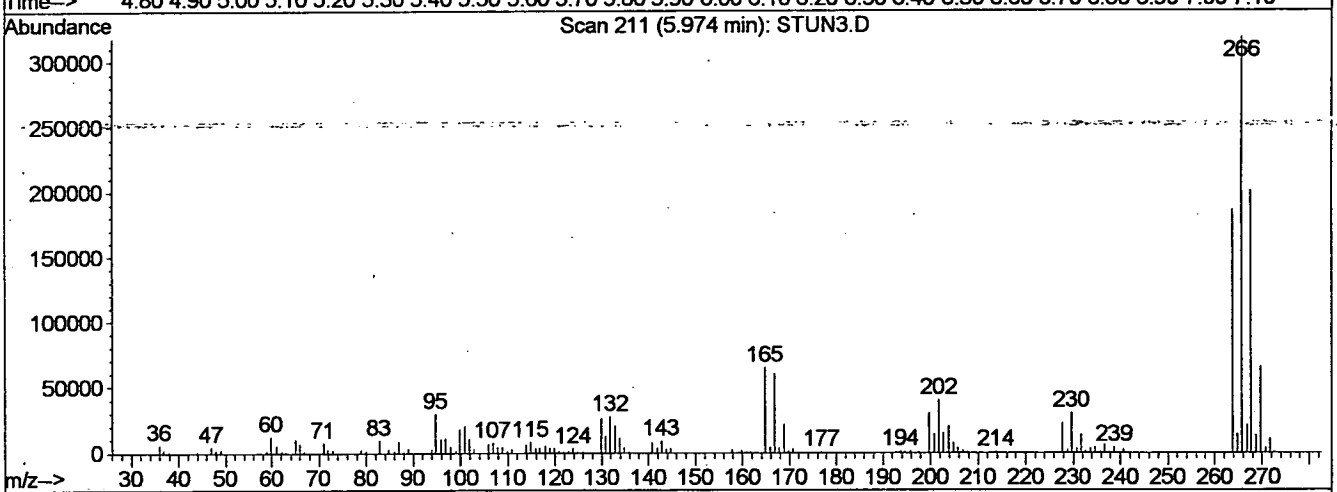
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN3.D
Acq On : 15 Nov 2007 9:19 am
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE2NOV7P

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

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





TIC: STUN3.D

(1) Pentachlorophenol

5.97min 51.69ug/ml

response 398362

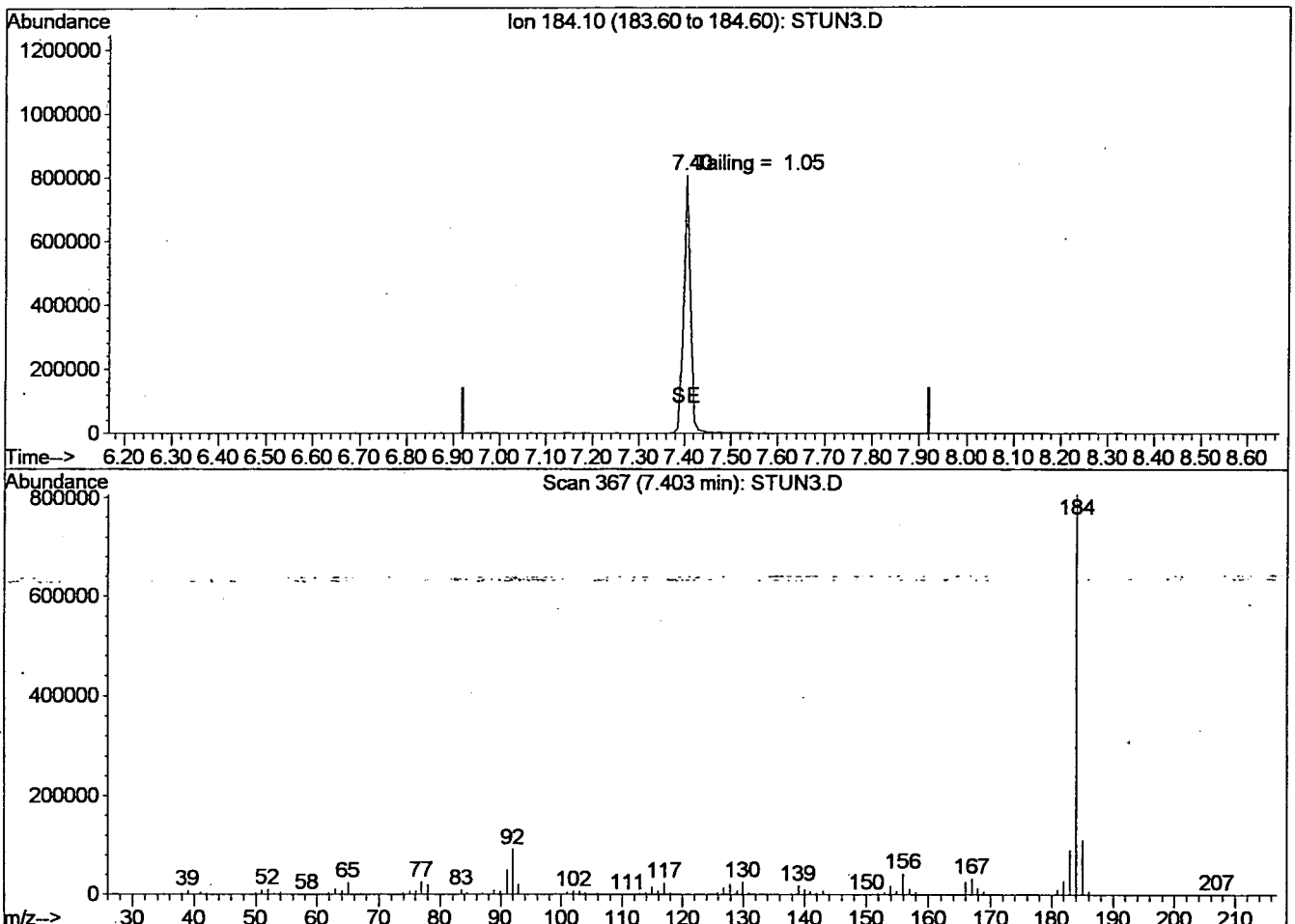
Ion	Exp%	Act%
265.85	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

STUN3.D DFTPP.M Thu Dec 06 09:07:11 2007

Quantitation Report

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

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



TIC: STUN3.D

(3) BENZIDINE

7.40min 52.76ug/ml

response 844447

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

STUN3.D DFTPP.M Thu Dec 06 09:07:18 2007

Quantitation Report

```
Data File : C:\GCMS62\DATA\07NOV15\STUN3.D            Vial: 1
Acq On    : 15 Nov 2007   9:19 am                  Operator: DF/AI
Sample    : DFTPP #7100452                         Inst    : GCMS62
Misc      : 50ppm DFTPP Tune Evaluation            Multiplr: 1.00
Q8antEgmatiNovPa5am9:4RTE9N07P              Quant Results File: temp.res

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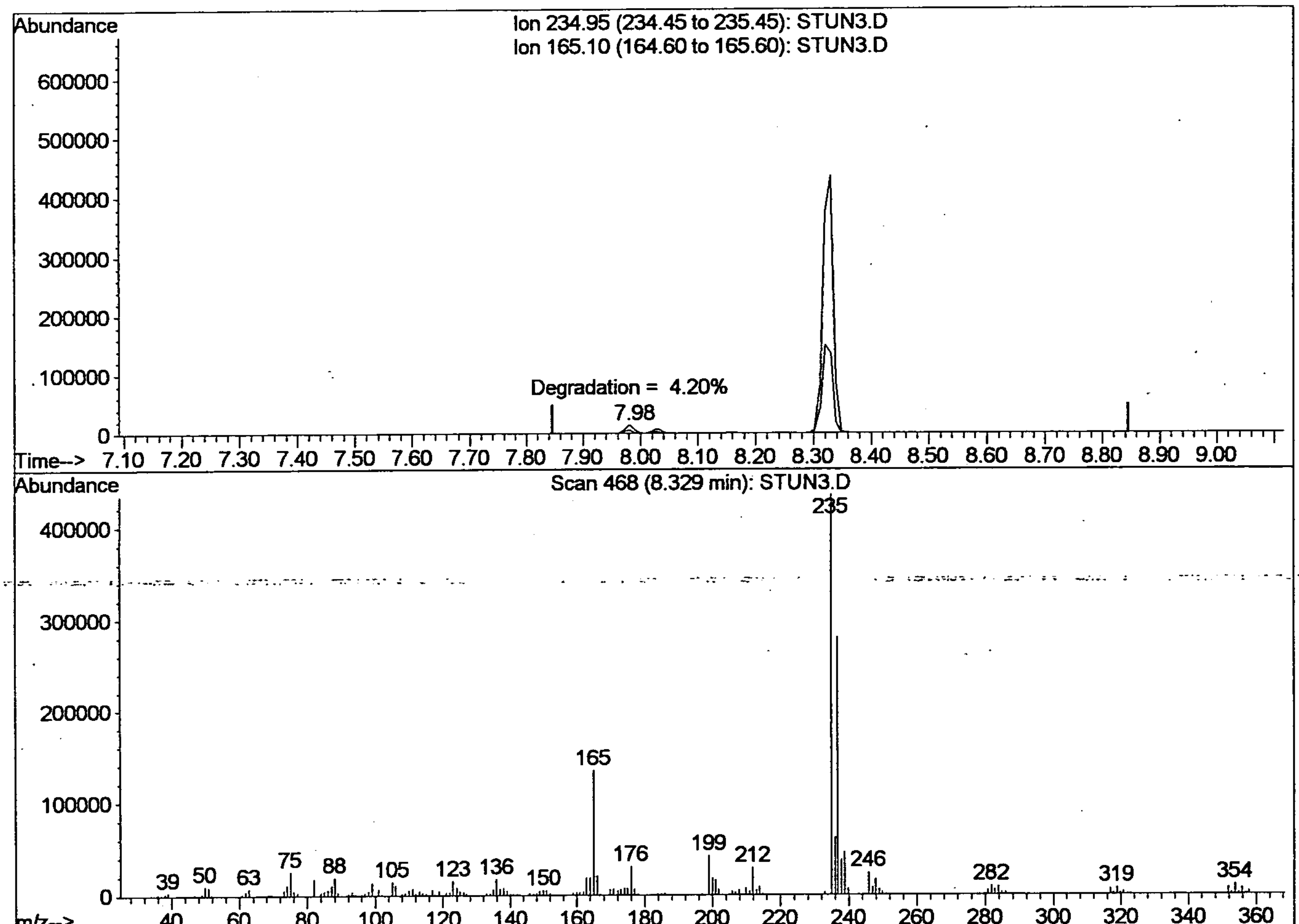


TIC: STUN3.D

(4) DDT

8.33min 52.87ug/ml

response 543623

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

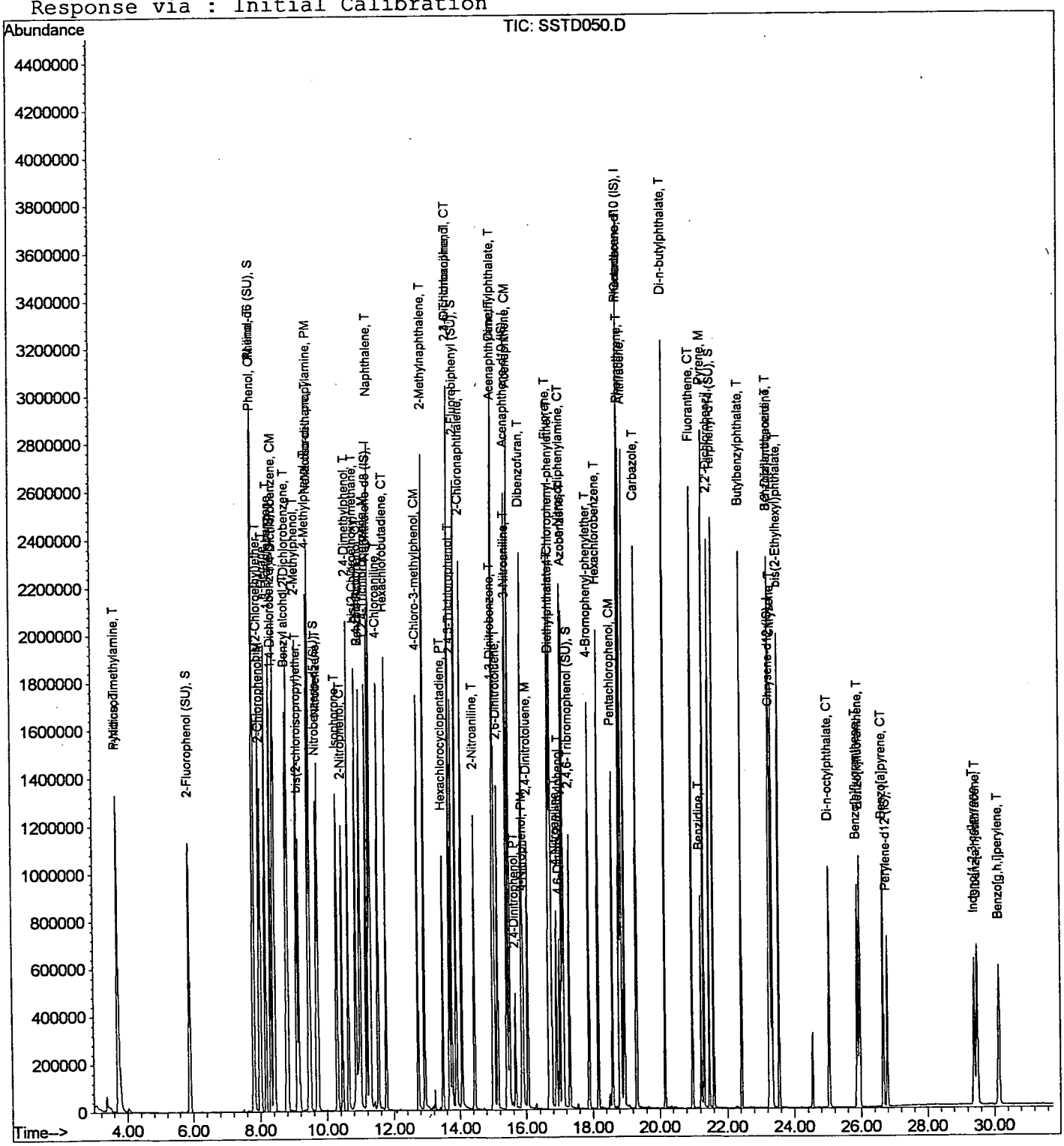
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

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

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

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

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

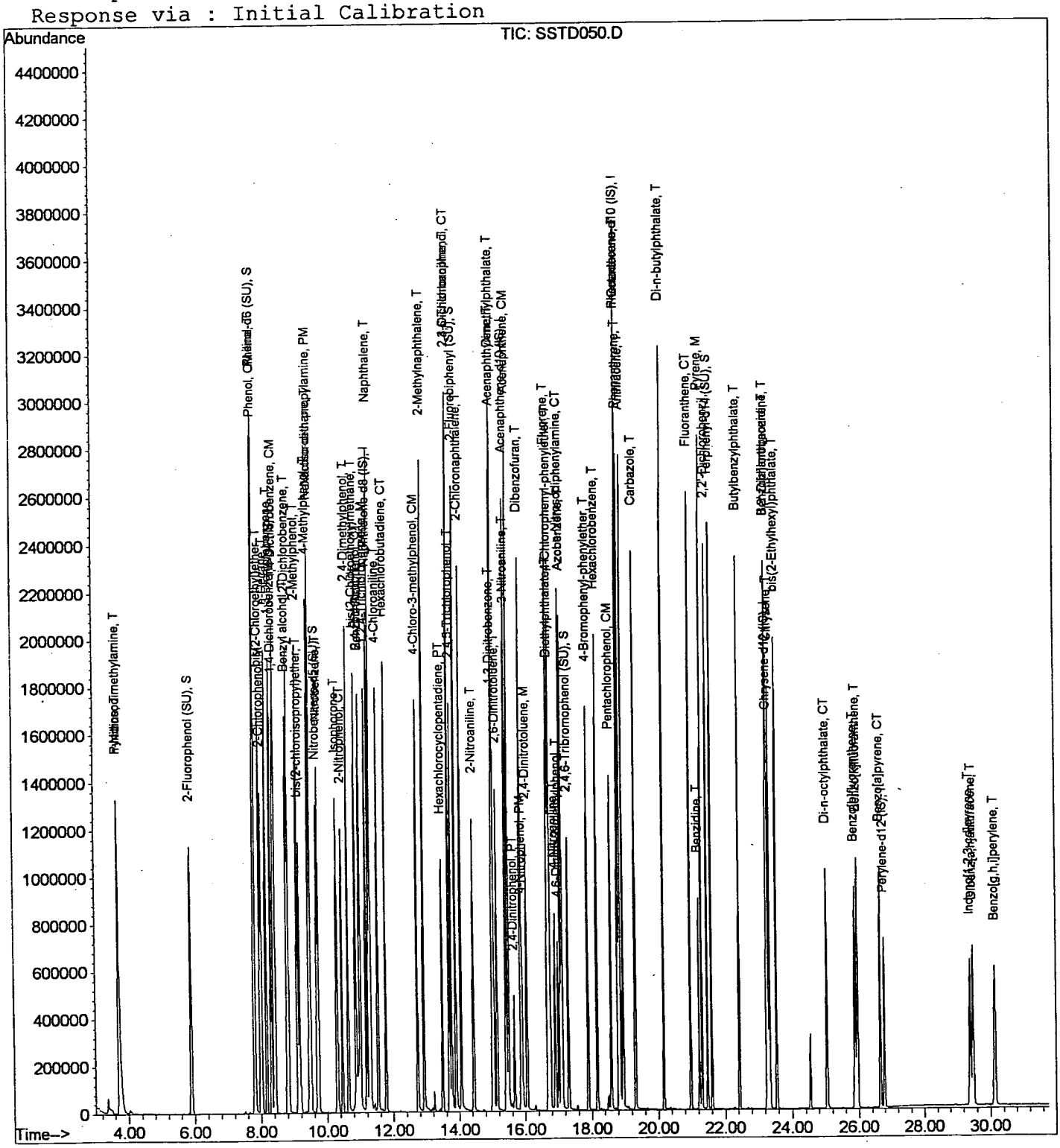
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D Vial: 3
Acq On : 15 Nov 2007 10:13 am Operator: DF/AI
Sample : 5ppm STD #7100428 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107 Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD005.D Vial: 3
Acq On : 15 Nov 2007 10:13 am Operator: DF/AI
Sample : 5ppm STD #7100428 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 12:06 19107 Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

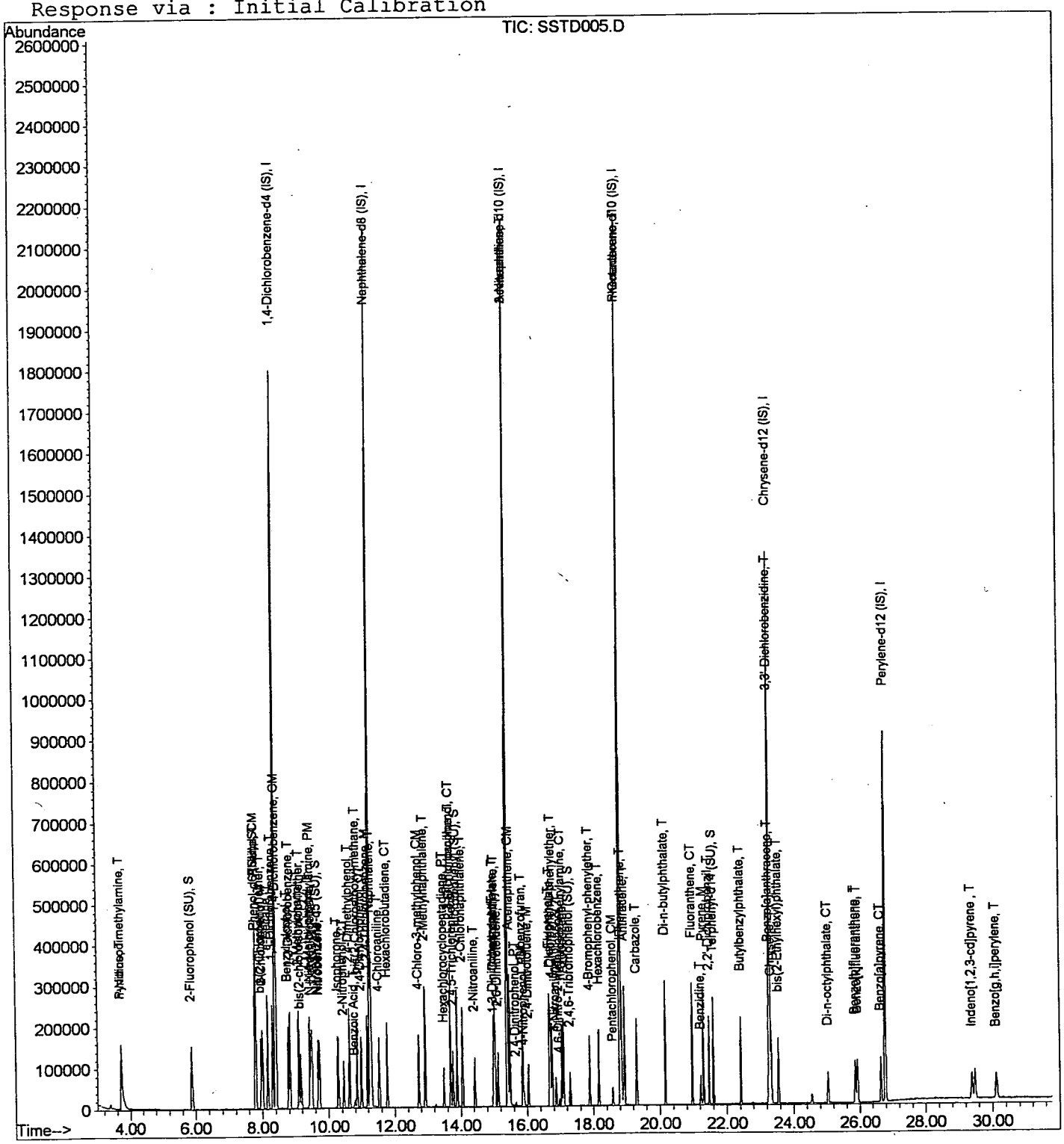
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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

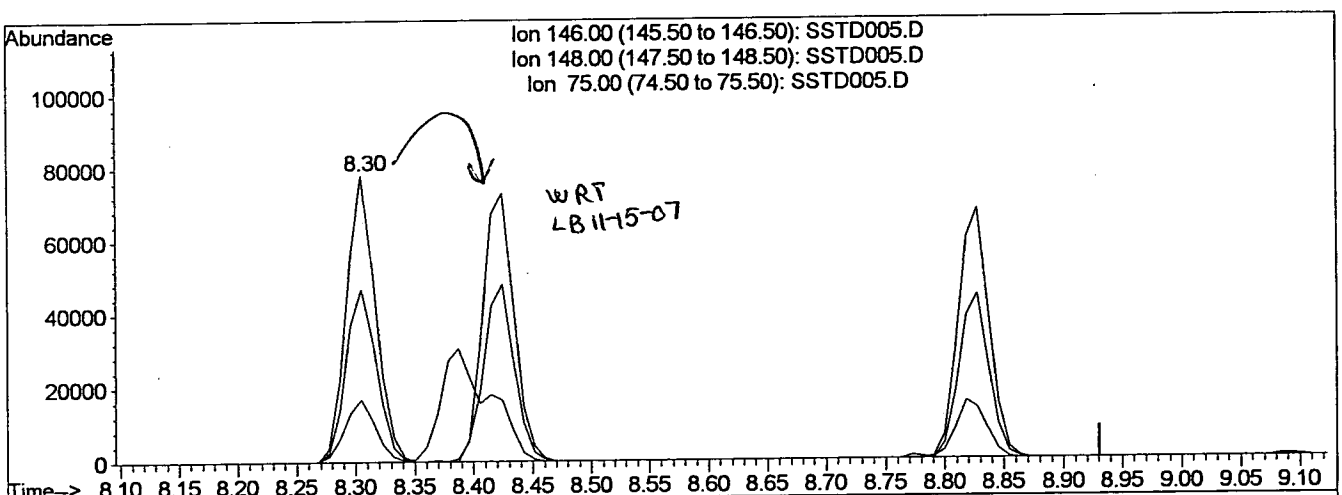


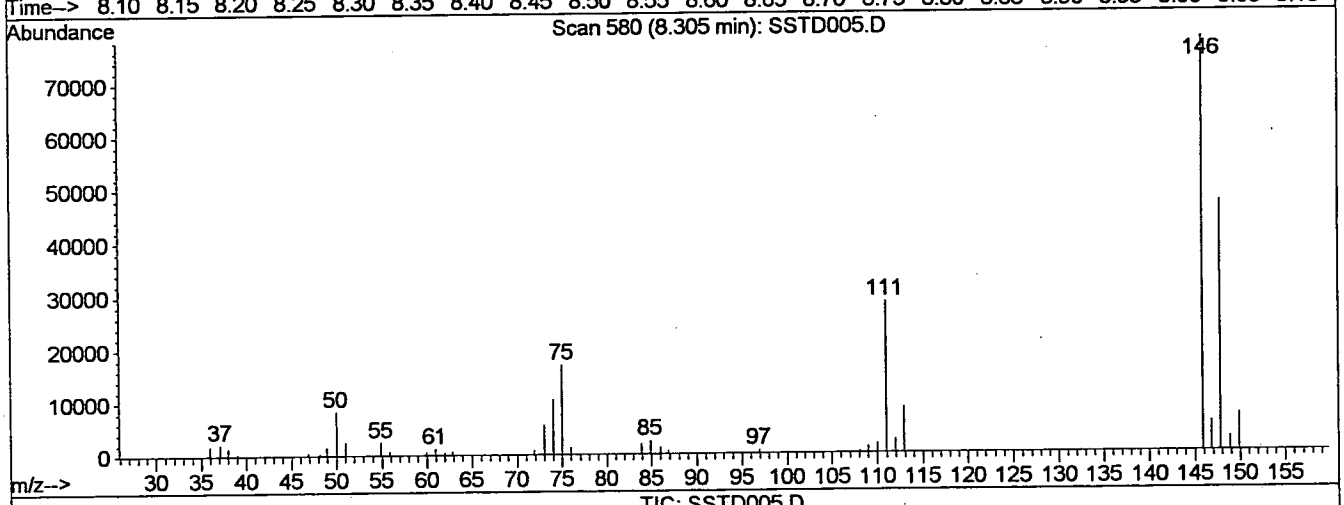
Quantitation Report

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

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

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





TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

8.30min 5.63ppm

response 133725

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

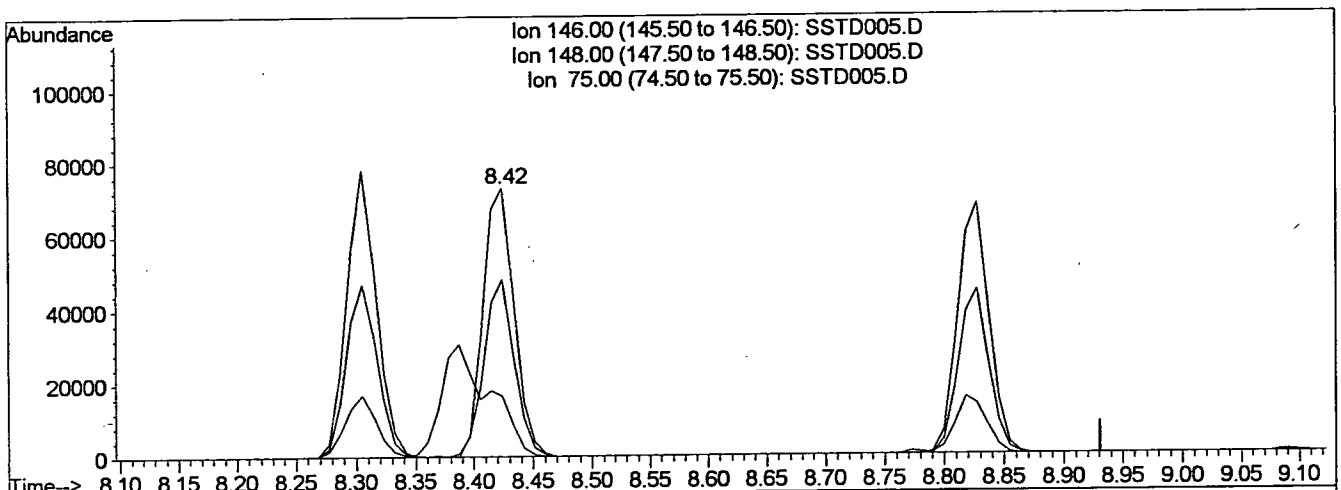
SSTD005.D G7K15SV.M Thu Nov 15 12:06:27 2007

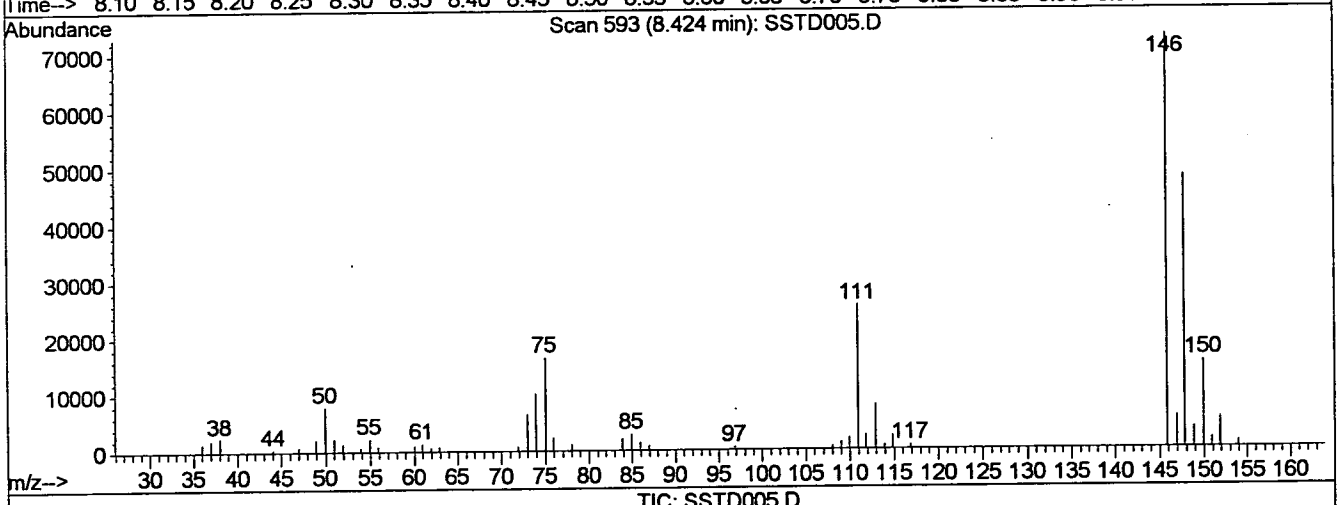
Quantitation Report

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

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

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





TIC: SSTD005.D

(12) 1,4-Dichlorobenzene (CM)

8.42min 5.60ppm m

response 133012

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

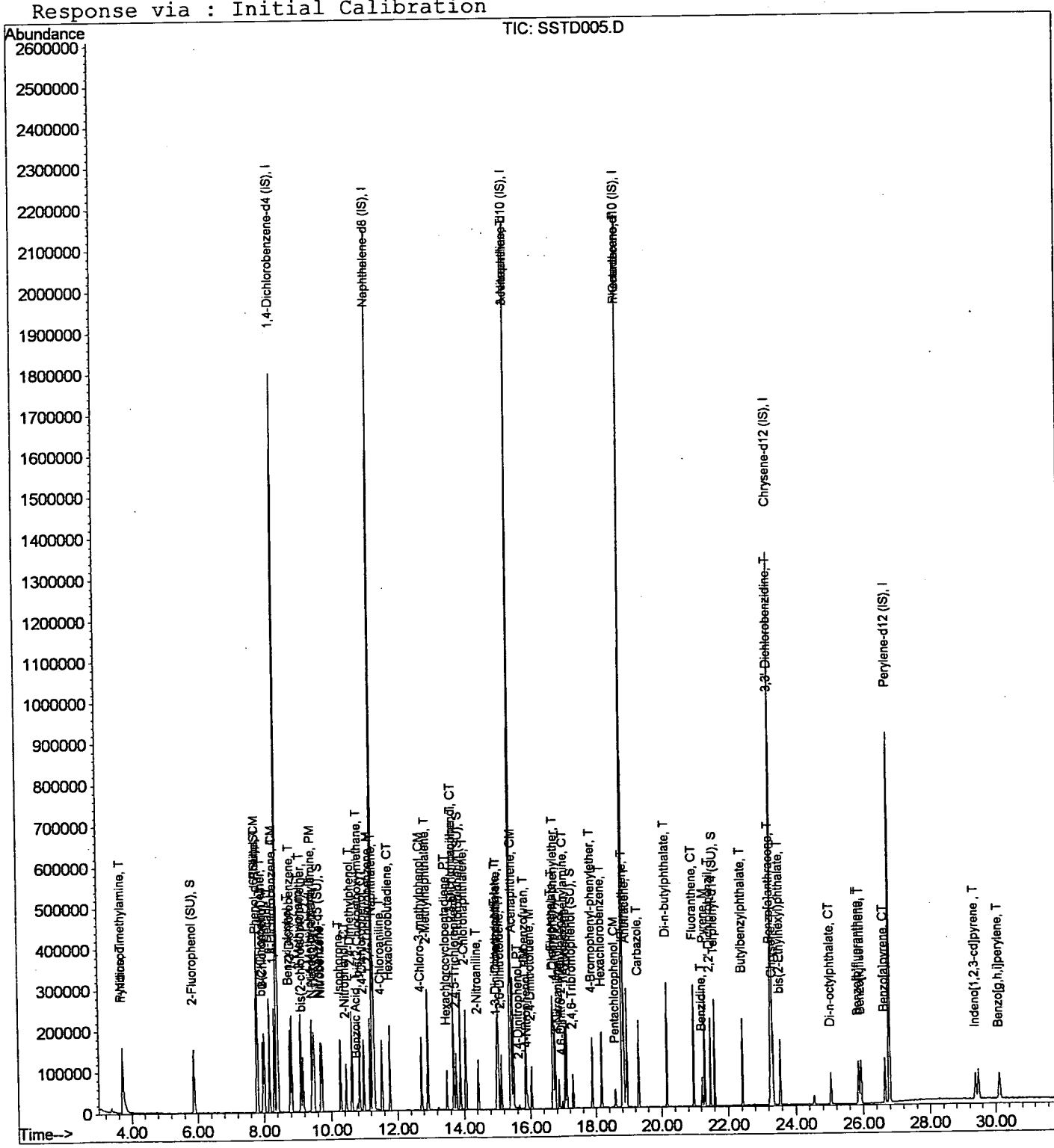
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

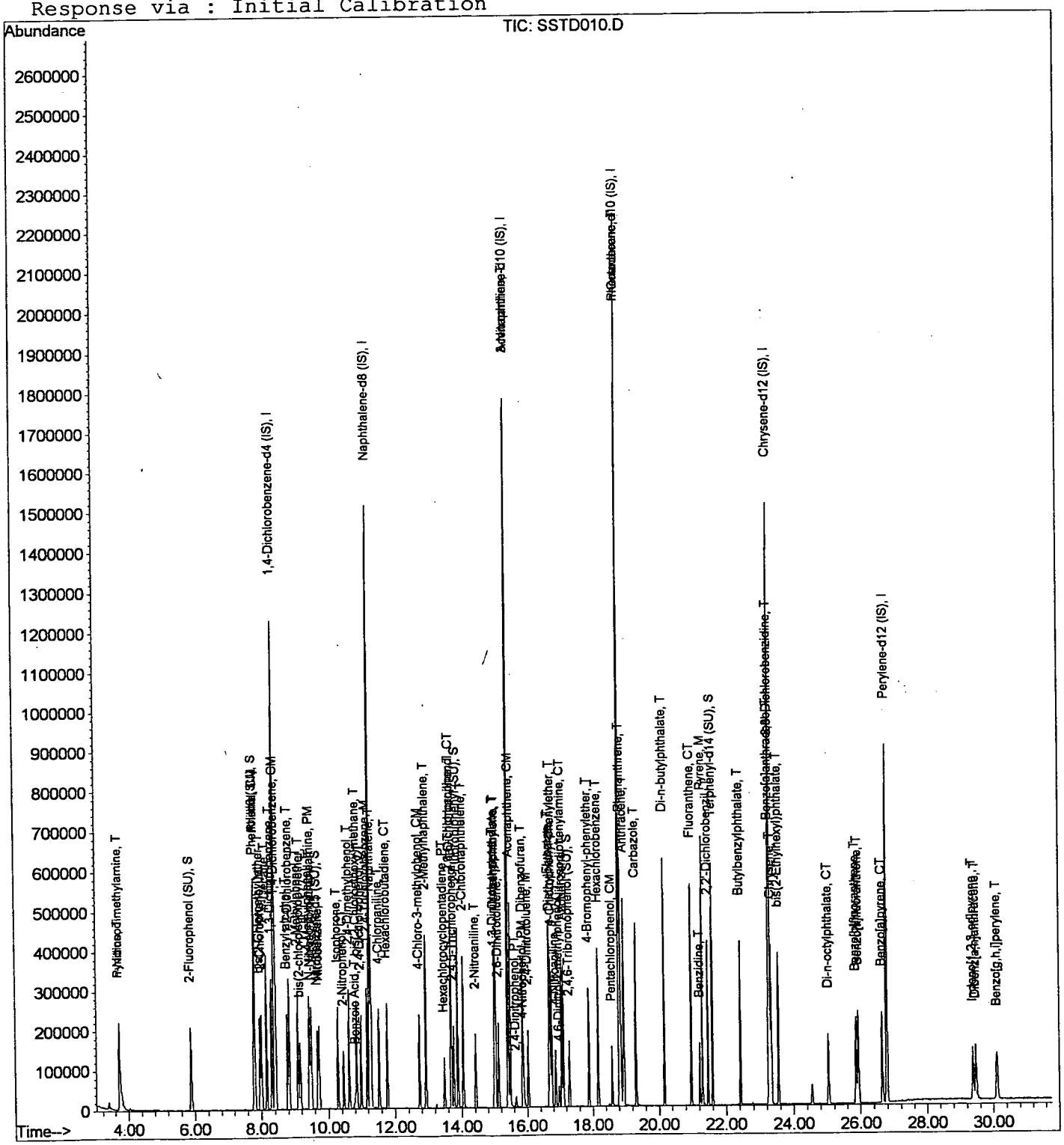
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

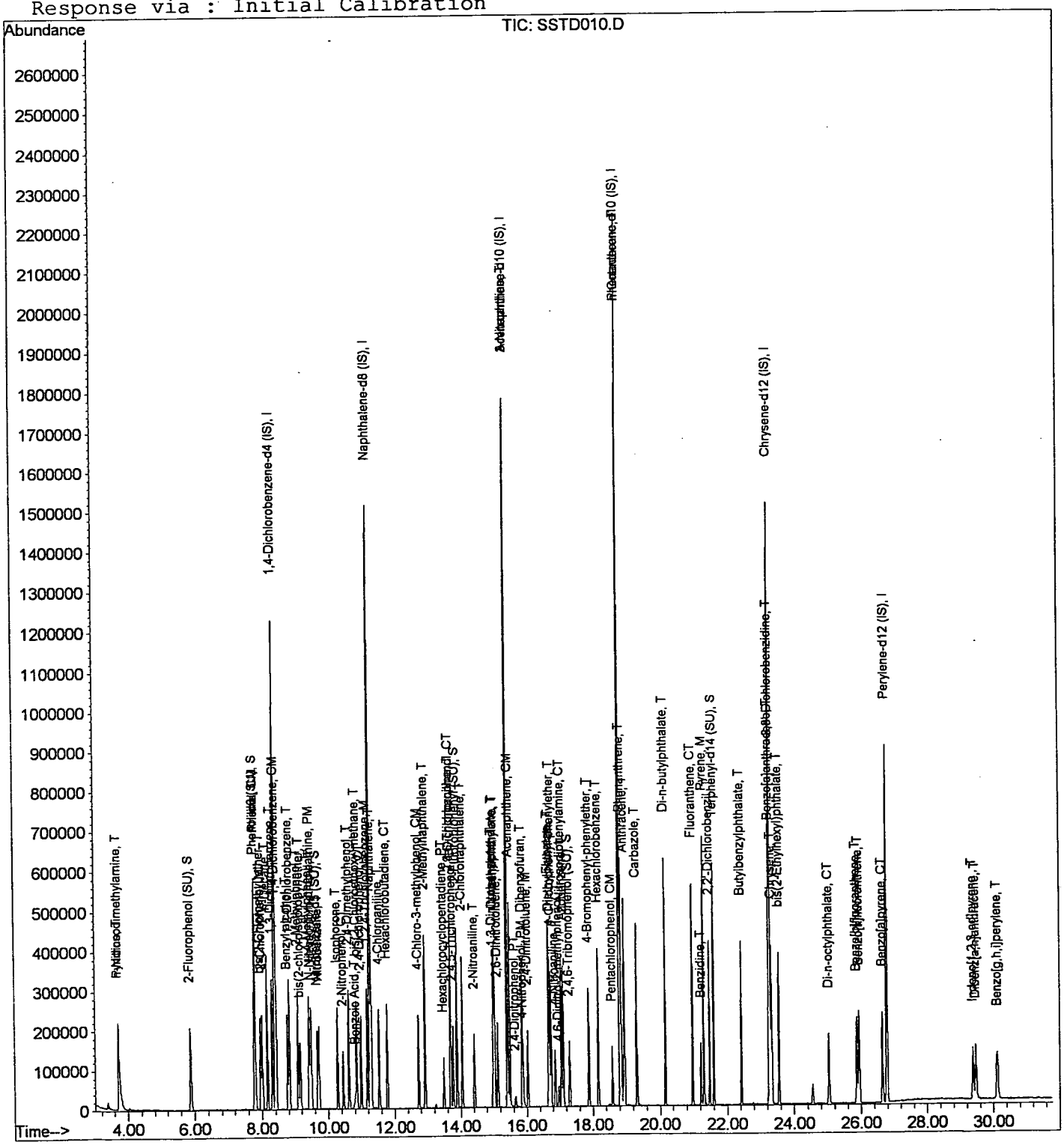
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

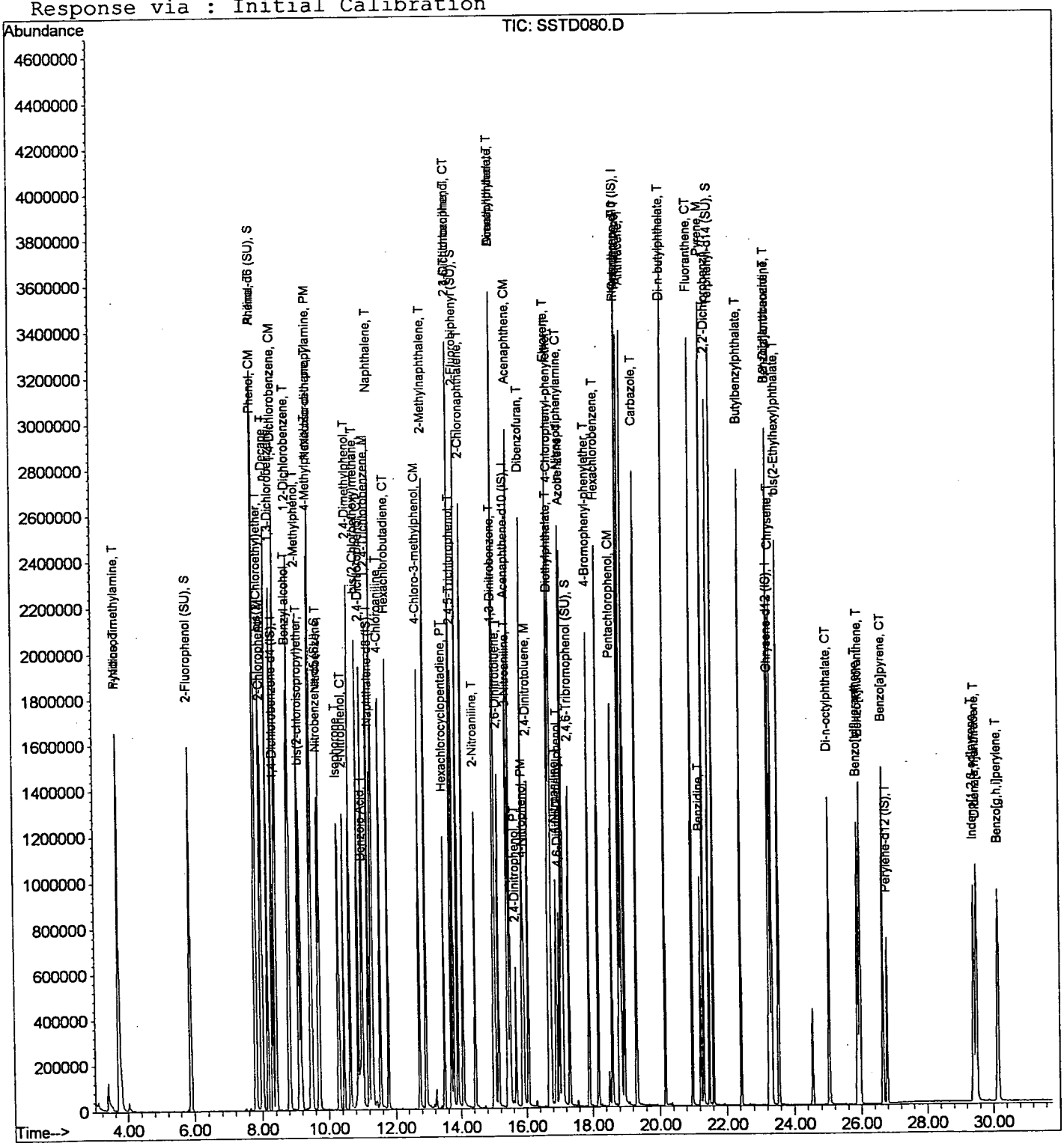
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

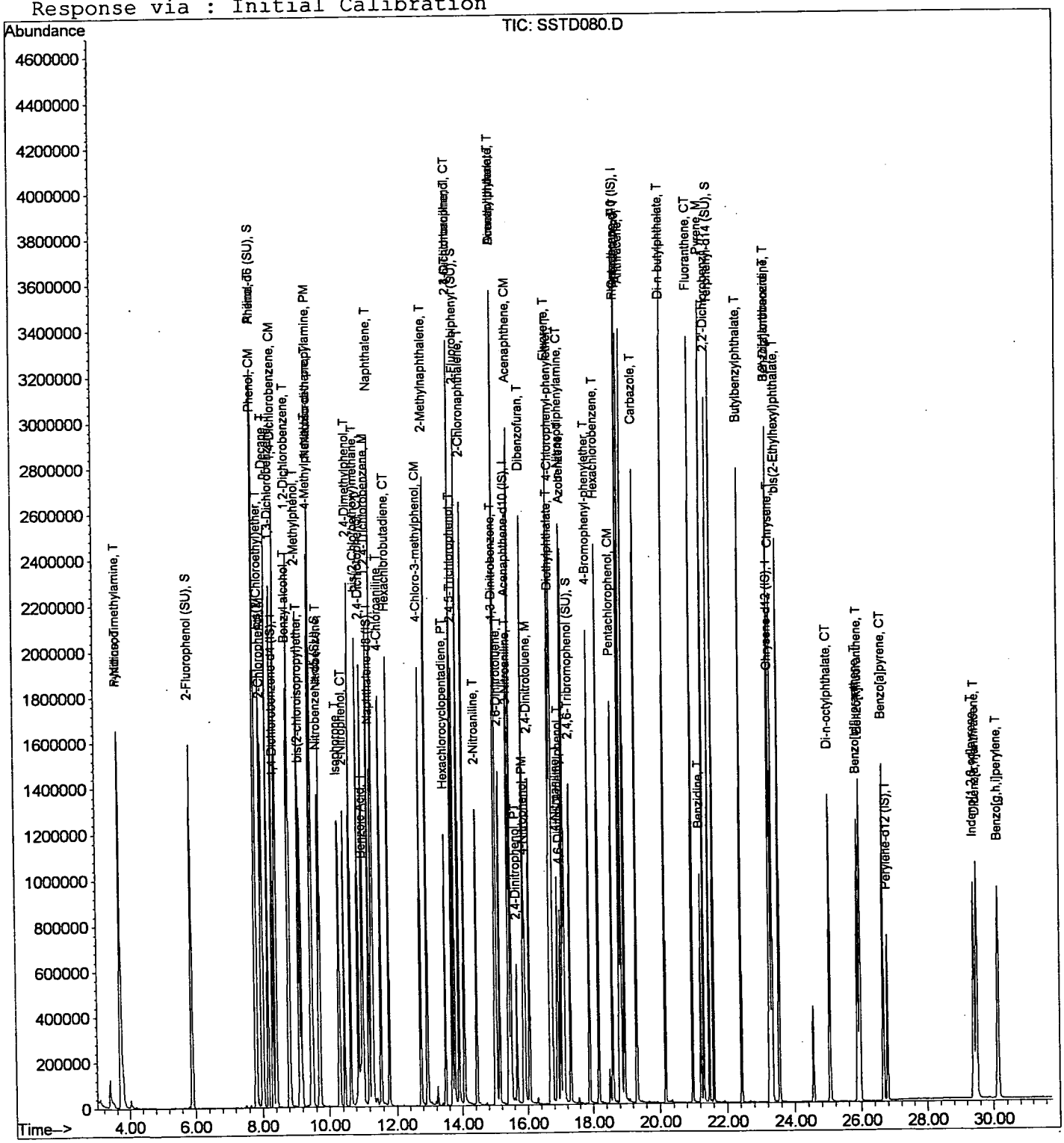
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

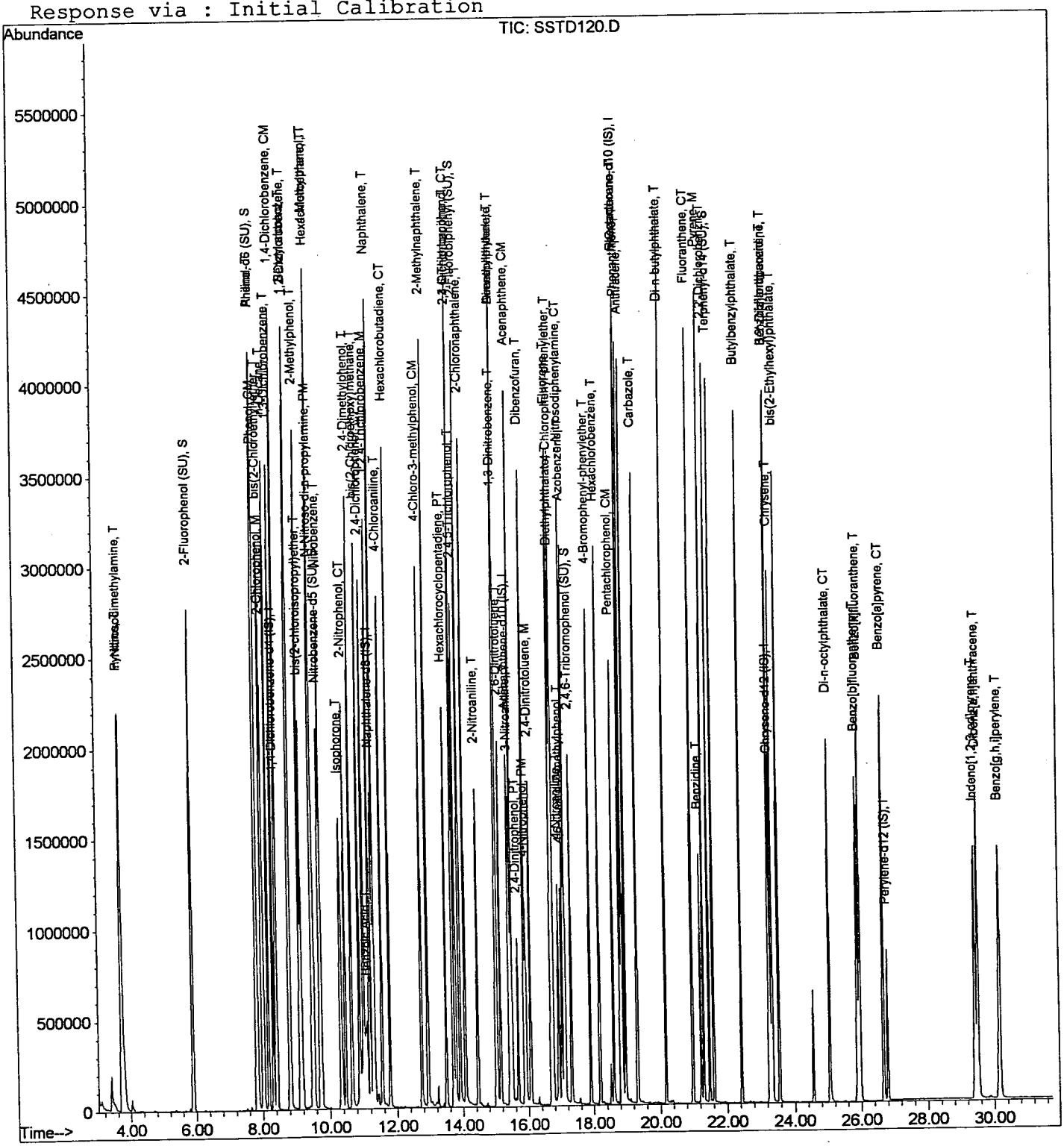
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

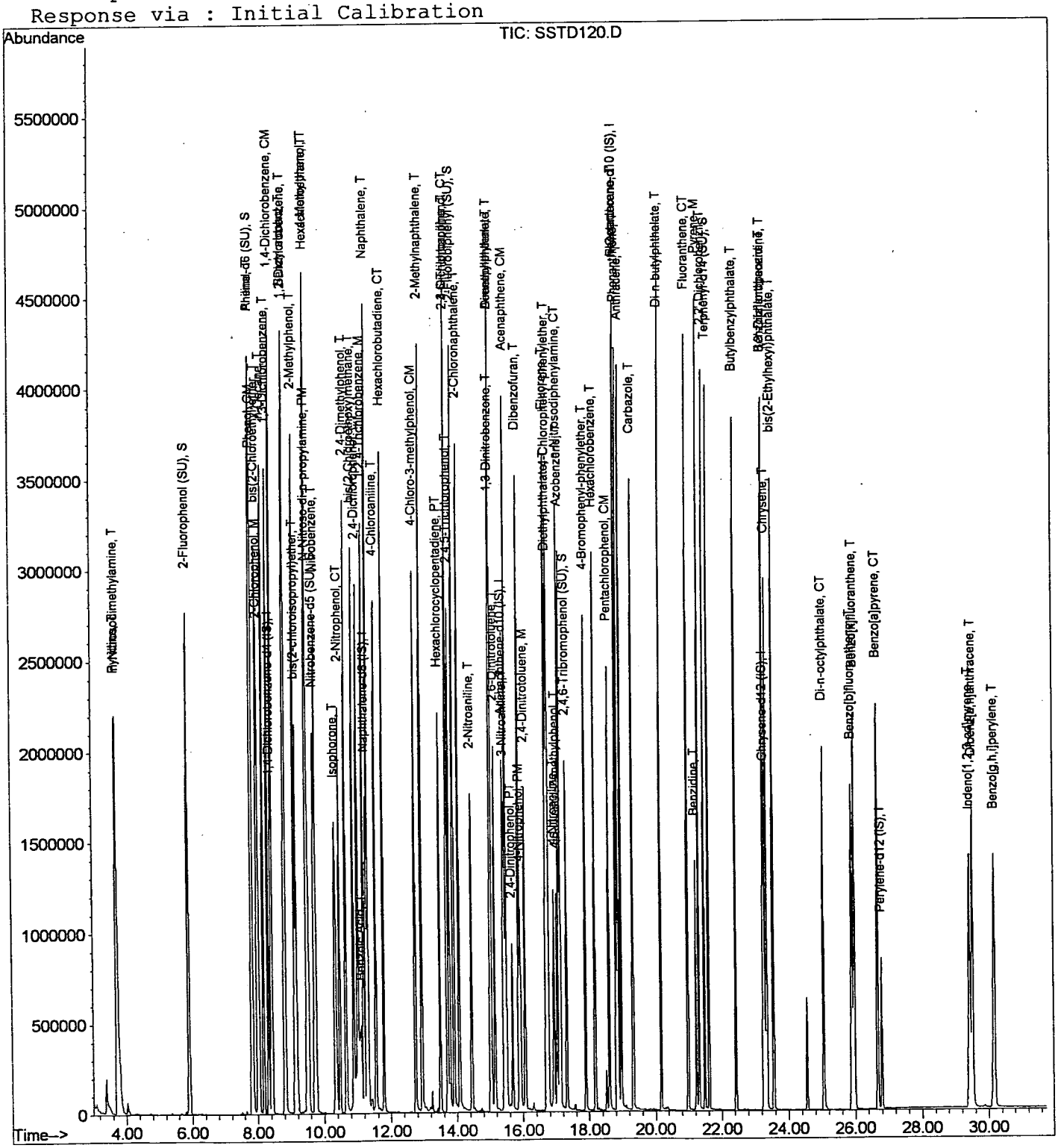
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	596251	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.28	136	2081350	40.00	ppm	0.02
36) Acenaphthene-d10 (IS)	15.44	164	944368	40.00	ppm	0.02
59) Phenanthrene-d10 (IS)	18.85	188	1009407	40.00	ppm	0.03
71) Chrysene-d12 (IS)	23.31	240	829489	40.00	ppm	0.01
82) Perylene-d12 (IS)	26.79	264	770474	40.00	ppm	0.01
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.90	112	3640699	159.09	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 159.09%#			
7) Phenol-d6 (SU)	7.86	99	3383837	120.93	ppm	0.06
Spiked Amount 100.000	Range 40 - 120		Recovery = 120.93%#			
21) Nitrobenzene-d5 (SU)	9.73	82	2846163	129.39	ppm	0.04
Spiked Amount 50.000	Range 40 - 120		Recovery = 258.78%#			
40) 2-Fluorobiphenyl (SU)	13.92	172	4499674	142.54	ppm	0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 285.08%#			
62) 2,4,6-Tribromophenol (SU)	17.34	330	1097194	210.00	ppm	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 210.00%#			
74) Terphenyl-d14 (SU)	21.62	244	3228995	137.38	ppm	0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 274.76%#			
Target Compounds						Qvalue
3) Pyridine	3.69	79	3986886	156.72	ppm	98
4) n-Nitrosodimethylamine	3.73	74	2368307	151.83	ppm	99
5) bis(2-Chloroethyl)ether	8.02	93	3111386	127.81	ppm	98
6) Aniline	7.82	93	4333592	126.16	ppm #	24
8) Phenol	7.89	94	3902658	128.00	ppm	96
9) 2-Chlorophenol	8.05	128	3038007	140.90	ppm	99
10) n-Decane	8.19	57	2171559	115.98	ppm	98
11) 1,3-Dichlorobenzene	8.34	146	3370705	143.12	ppm	99
12) 1,4-Dichlorobenzene	8.45	146	3111120	133.48	ppm	99
13) 1,2-Dichlorobenzene	8.85	146	2502591	112.79	ppm	97
14) Benzyl alcohol	8.86	108	1708591m	118.06	ppm	
15) bis(2-chloroisopropyl)ethe	9.18	45	2508501	126.53	ppm	88
16) 2-Methylphenol	9.14	107	2128783	124.48	ppm	98
17) Hexachloroethane	9.51	117	1032592	123.29	ppm	97
18) N-Nitroso-di-n-propylamine	9.58	70	1855672	125.57	ppm	100
19) 4-Methylphenol	9.52	107	2622183	110.15	ppm	100
22) Nitrobenzene	9.78	77	2655034	127.53	ppm	98
23) Isophorone	10.35	82	5120380m	126.77	ppm	
24) 2-Nitrophenol	10.49	139	1724617	164.87	ppm	98
25) 2,4-Dimethylphenol	10.69	122	2473805	144.15	ppm	97

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

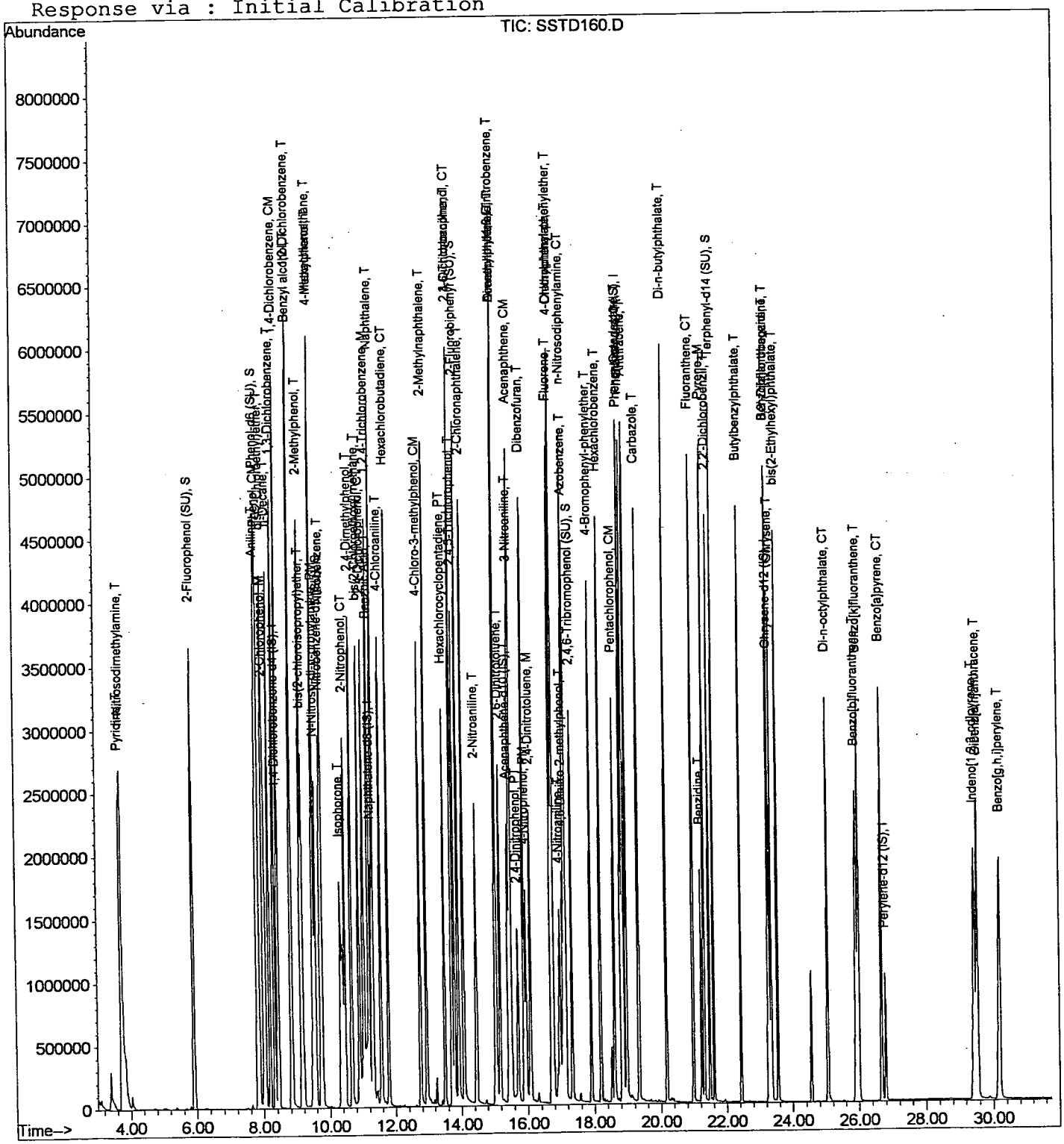
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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

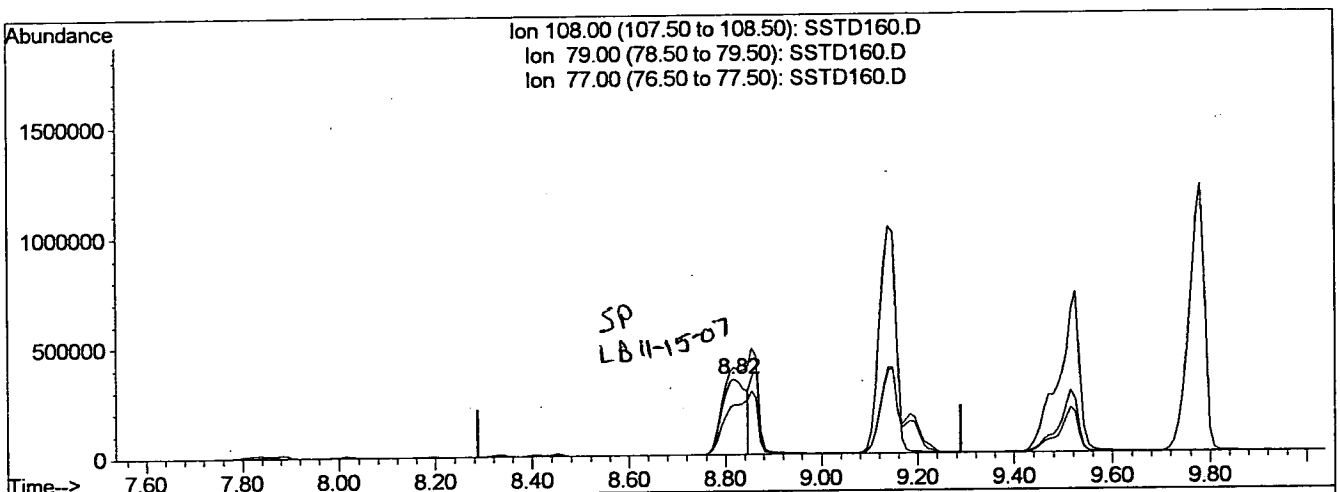


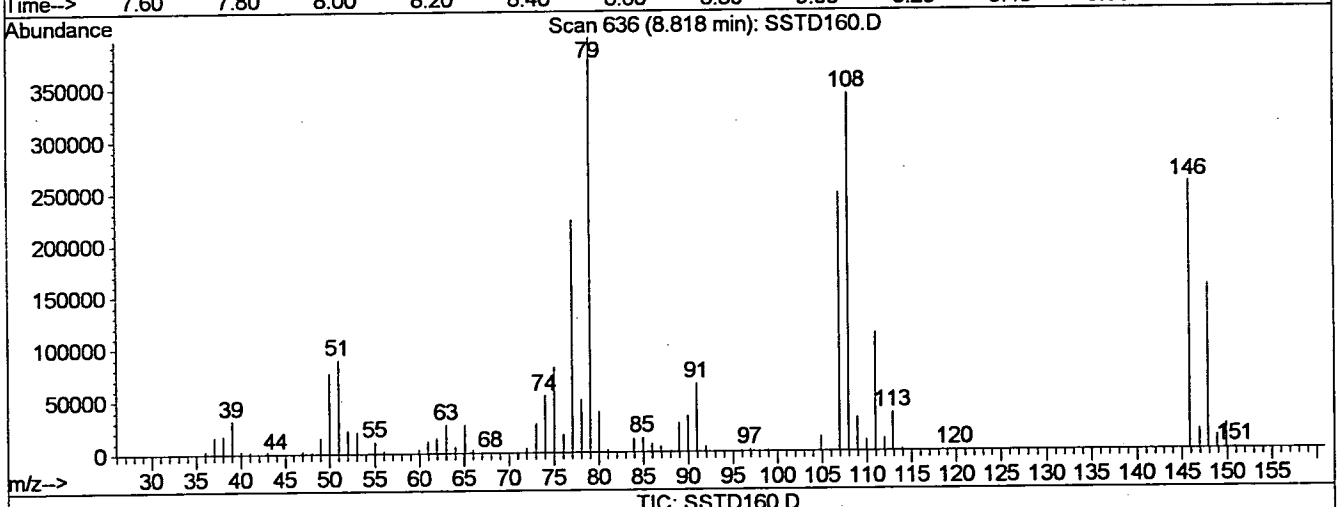
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Time: Nov 15 14:54:08 2007
Quant Method: RTE 2007P

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

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





TIC: SSTD160.D

(14) Benzyl alcohol (T)

8.82min 82.48ppm

response 1193611

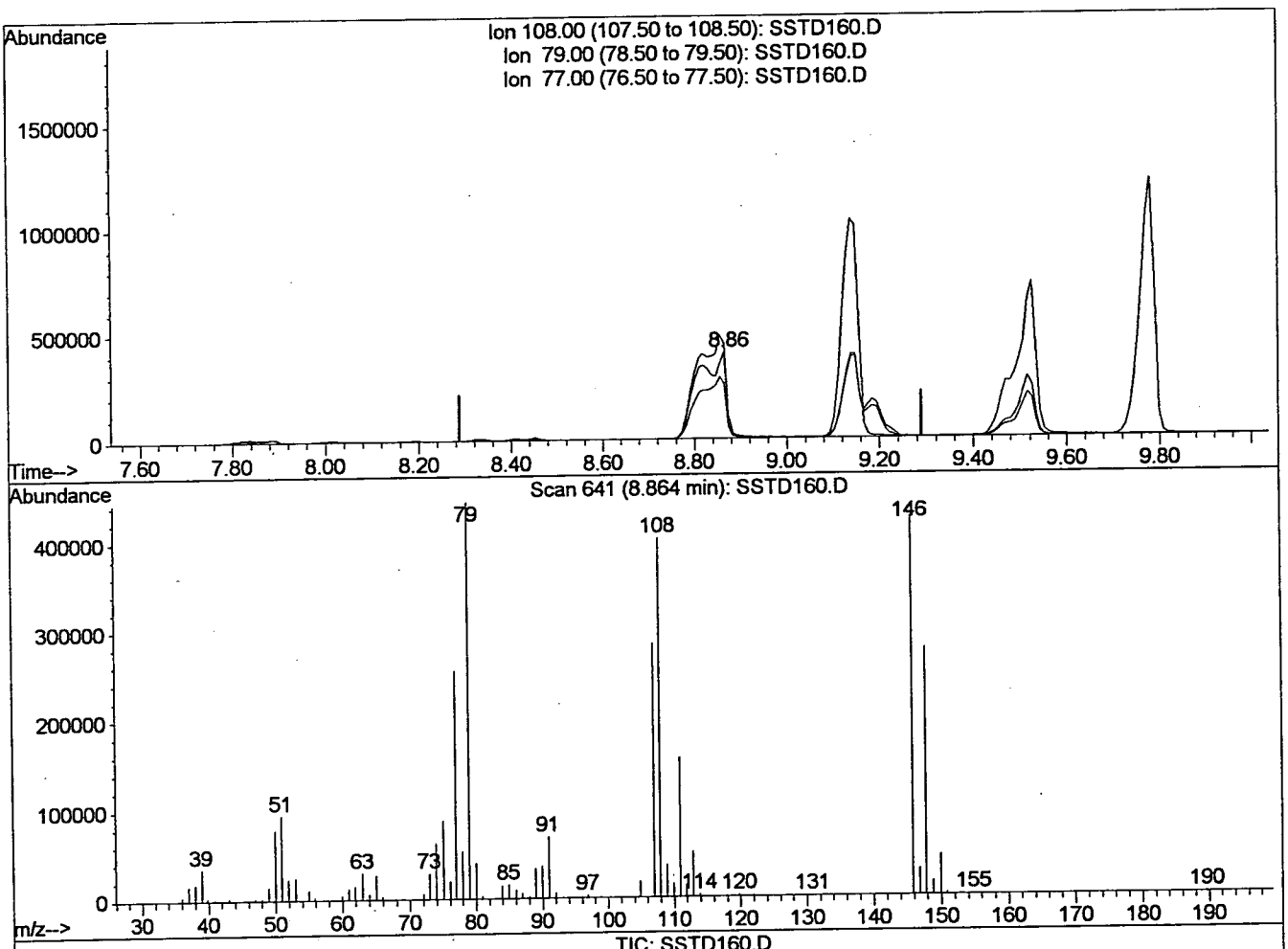
Ion	Exp%	Act%
108.00	100	100
79.00	113.10	83.65#
77.00	63.60	0.00#
0.00	0.00	0.00

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Time: Nov 15 14:54 2007 Quant Method: G7K15SV.M

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

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



TIC: SSTD160.D

(14) Benzyl alcohol (T)

8.86min 118.06ppm m

response 1708591

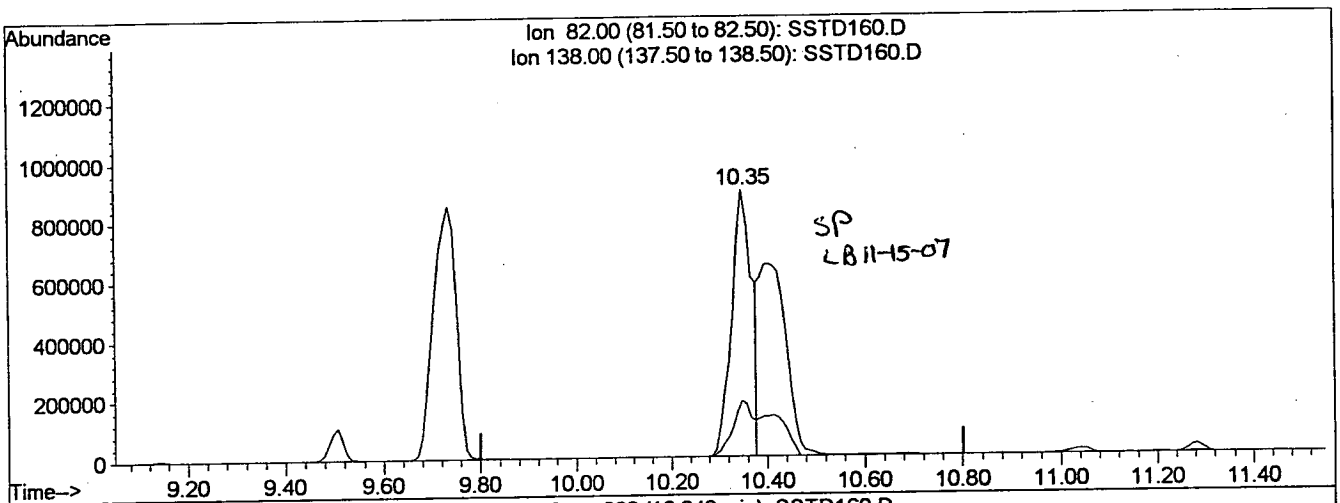
Ion	Exp%	Act%
108.00	100	100
79.00	113.10	58.44#
77.00	63.60	0.00#
0.00	0.00	0.00

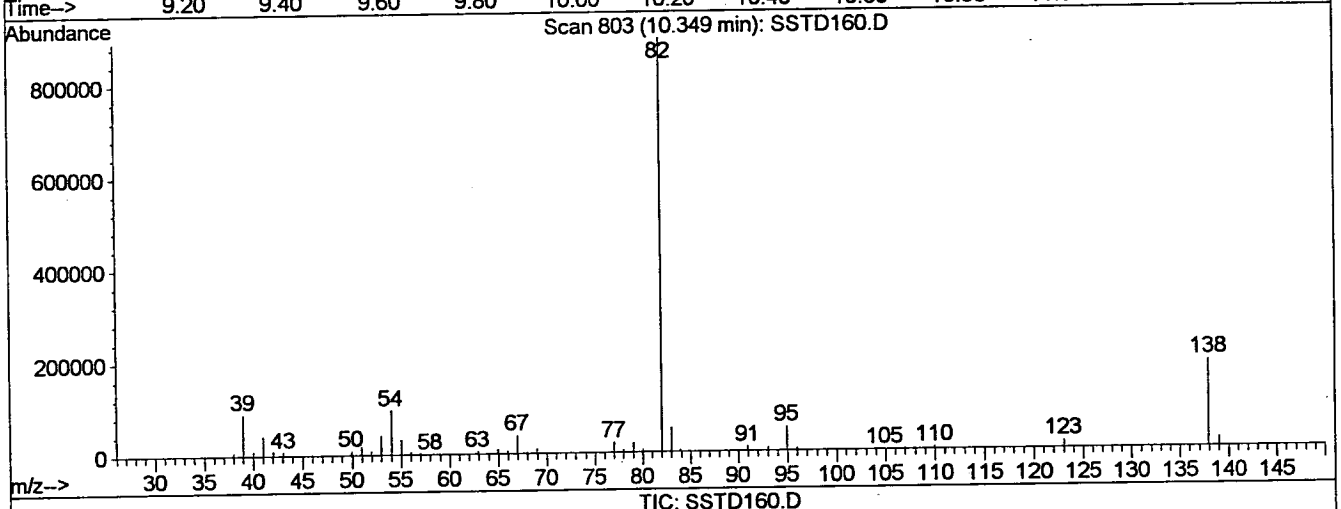
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Quant Time: Nov 15 14:54:43 2007 RTE Volume: 1.00 ml

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

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





(23) Isophorone (T)

10.35min 64.47ppm

response 2604195

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

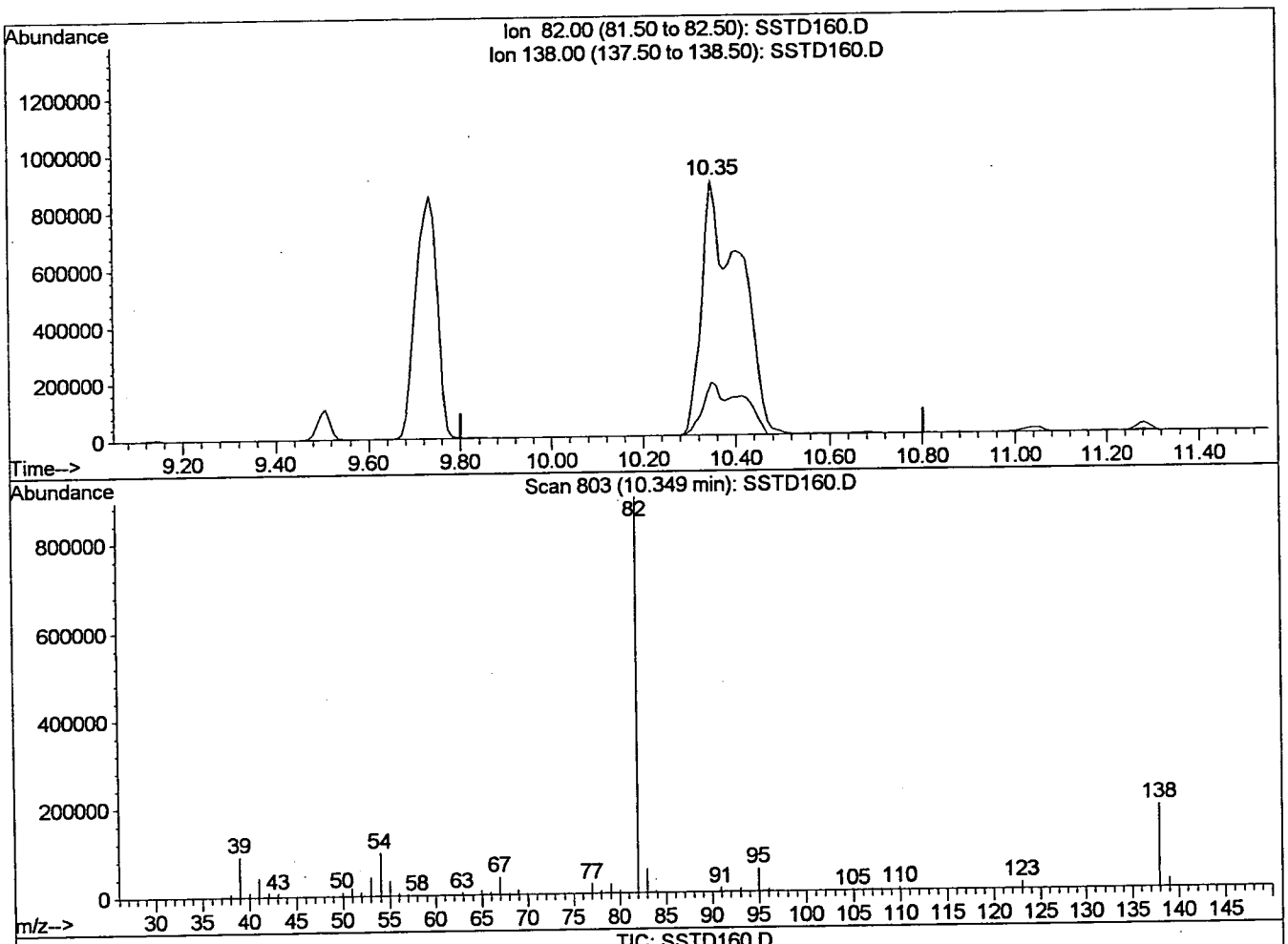
SSTD160.D G7K15SV.M Thu Nov 15 14:54:43 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Quant Time : Thu Nov 15 14:54:55 2007 RTE Volume

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

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



(23) Isophorone (T)

10.35min 126.77ppm m

response 5120380

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

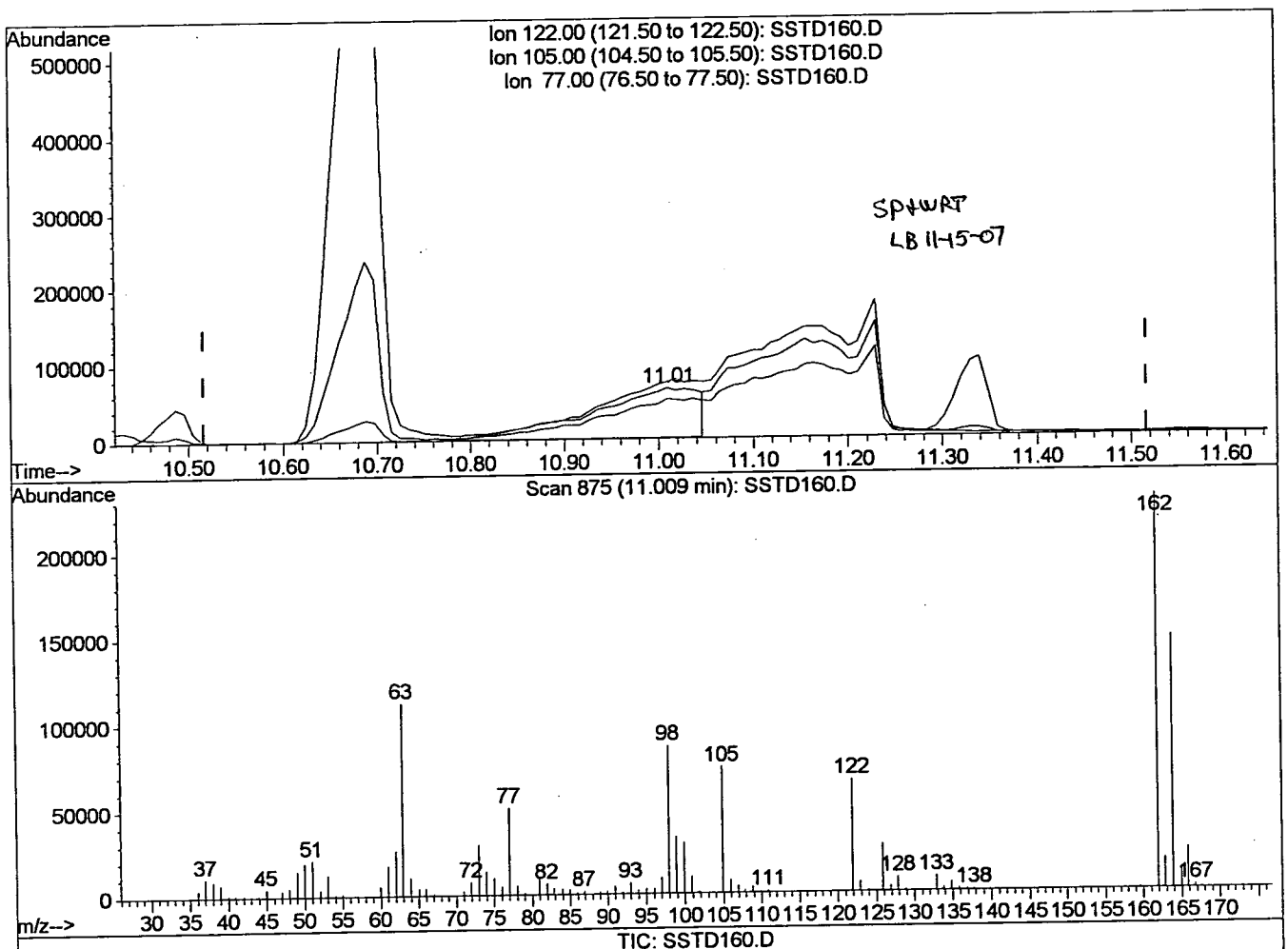
SSTD160.D G7K15SV.M Thu Nov 15 14:54:55 2007

Quantitation Report

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

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

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



(29) Benzoic Acid (T)

11.01min 49.56ppm

response 516927

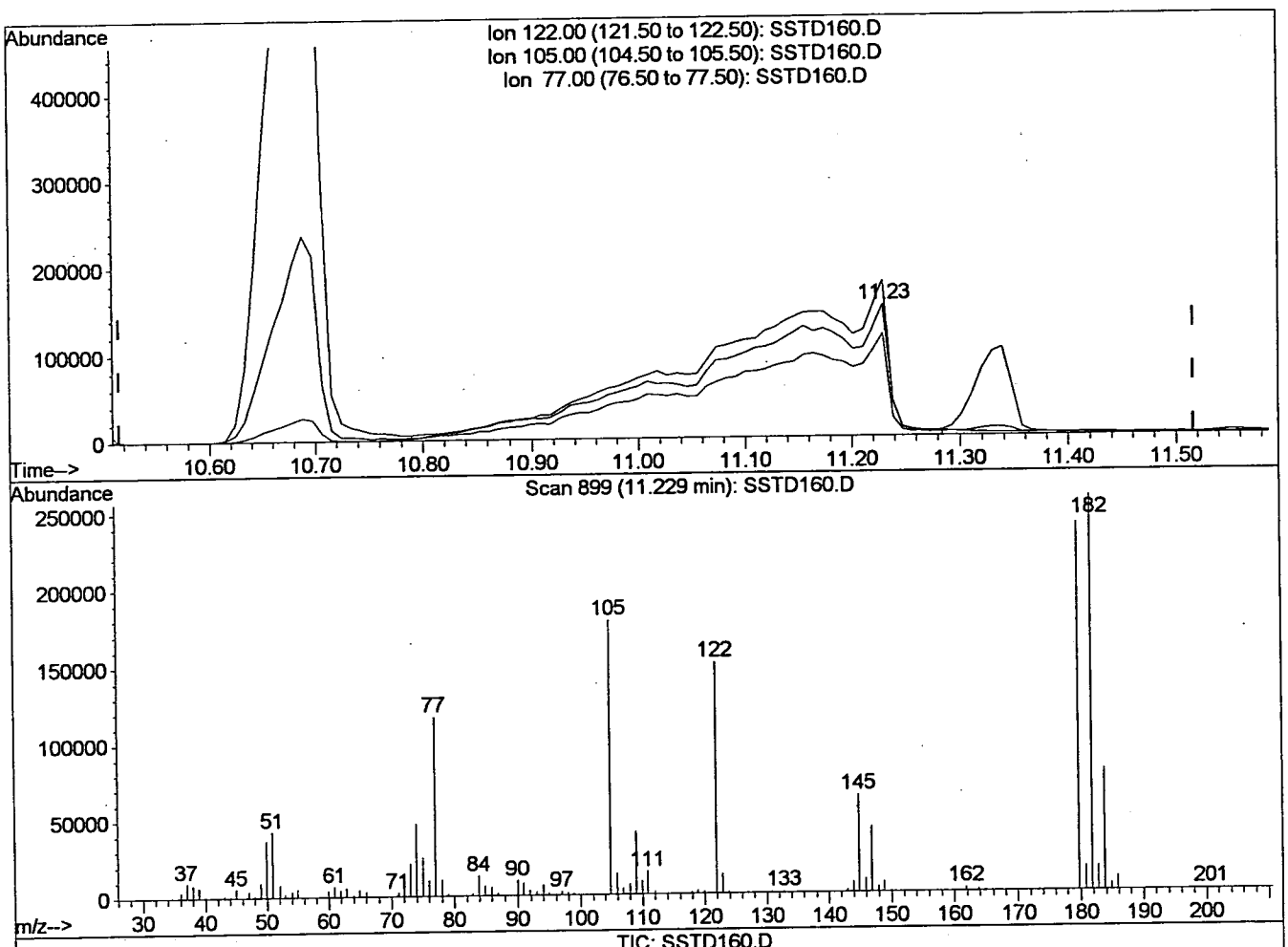
Ion	Exp%	Act%
122.00	100	100
105.00	114.60	114.82
77.00	75.30	73.97
0.00	0.00	0.00

Quantitation Report

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

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

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



TIC: SSTD160.D

(29) Benzoic Acid (T)

11.23min 155.07ppm m

response 1746824

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

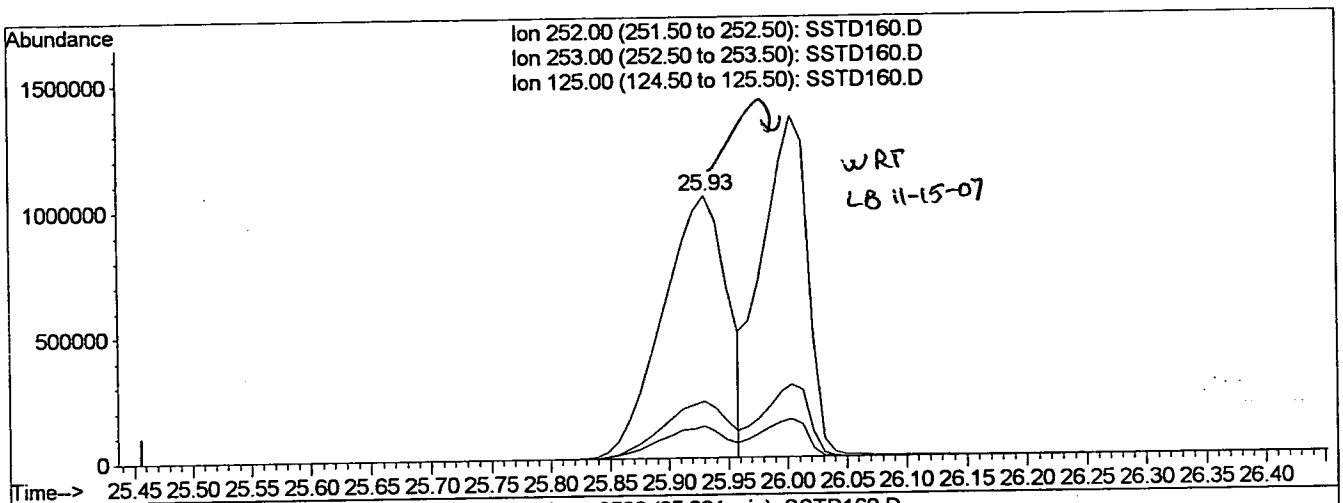
SSTD160.D G7K15SV.M Thu Nov 15 14:56:21 2007

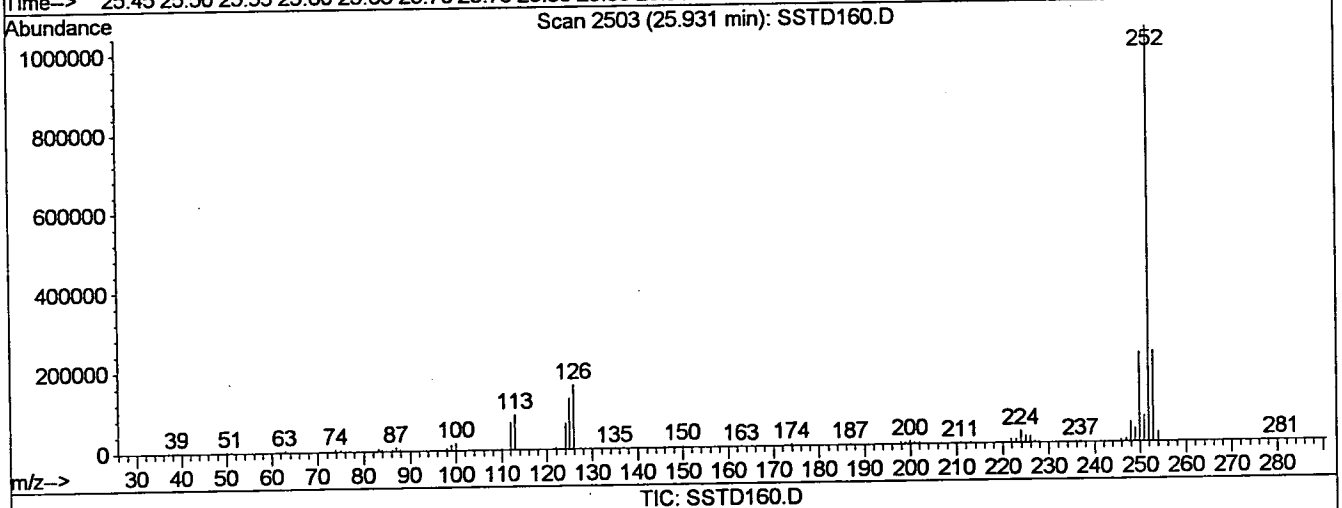
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD160.D
Acq On : 15 Nov 2007 12:47 pm
Sample : 160ppm STD #7100434
Misc : ICAL -- 8270/625
Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)

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

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





TIC: SSTD160.D

(84) Benzo[k]fluoranthene (T)

25.93min 144.22ppm

response 3962095

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

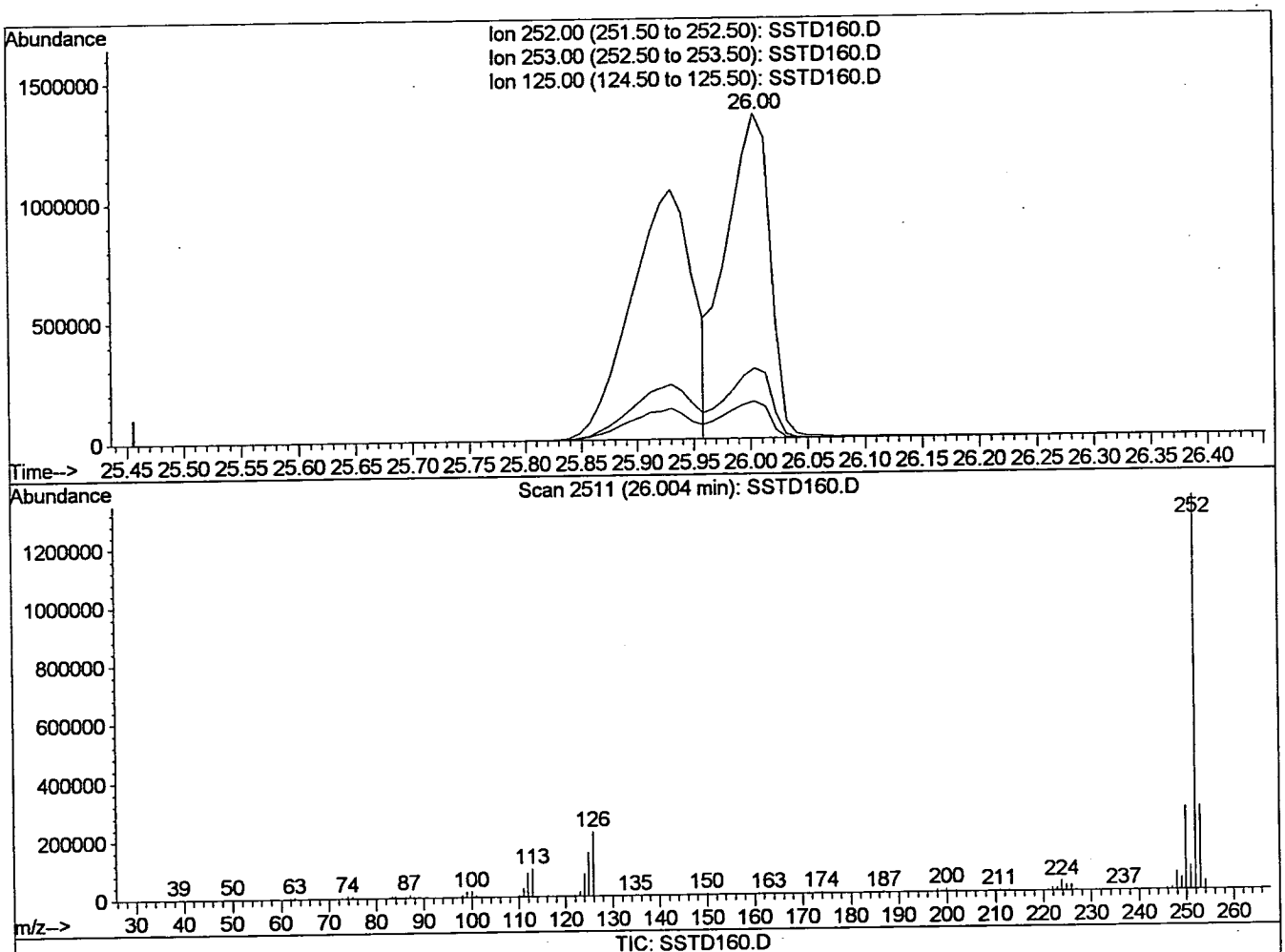
SSTD160.D G7K15SV.M Thu Nov 15 14:57:31 2007

Quantitation Report

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

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

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



(84) Benzo[k]fluoranthene (T)

26.00min 131.83ppm m

response 3621618

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.92	93	3474626	134.31	ppm		100
27)	2,4-Dichlorophenol	11.05	162	2235311	140.29	ppm		98
28)	1,2,4-Trichlorobenzene	11.21	180	2124545	118.20	ppm		100
29)	Benzoic Acid	11.01	122	516927	49.56	ppm		99
30)	Naphthalene	11.34	128	6590555	124.96	ppm		100
31)	4-Chloroaniline	11.57	127	3157987	135.38	ppm		100
32)	Hexachlorobutadiene	11.80	225	1228345	112.92	ppm		99
33)	4-Chloro-3-methylphenol	12.77	107	2087462	125.65	ppm		99
34)	2-Methylnaphthalene	12.95	141	3397194	121.91	ppm		97
35)	2,3-Dichloroaniline	13.74	161	1961853	112.77	ppm		98
37)	Hexachlorocyclopentadiene	13.50	237	1081439	160.00	ppm		99
38)	2,4,6-Trichlorophenol	13.73	196	1109143	135.19	ppm		99
39)	2,4,5-Trichlorophenol	13.80	196	1473153	150.04	ppm		99
41)	2-Chloronaphthalene	14.09	162	3997578	151.32	ppm		98
42)	2-Nitroaniline	14.48	65	1147523	162.74	ppm		100
43)	1,3-Dinitrobenzene	15.05	168	659758	142.19	ppm	#	40
44)	Acenaphthylene	15.07	152	4245126	110.25	ppm		98
45)	Dimethylphthalate	15.08	163	3612667	125.06	ppm		99
46)	2,6-Dinitrotoluene	15.20	165	1240514	167.25	ppm		98
47)	Acenaphthene	15.53	154	3303744	131.90	ppm		98
48)	3-Nitroaniline	15.49	138	1334607	190.51	ppm		99
49)	2,4-Dinitrophenol	15.73	184	738740	181.10	ppm		99
50)	Dibenzofuran	15.90	168	5268886	136.55	ppm		82
51)	2,4-Dinitrotoluene	16.10	165	1653299	167.11	ppm		98
52)	4-Nitrophenol	15.97	109	468629	123.31	ppm	#	1
53)	Fluorene	16.72	166	3955693	131.78	ppm		99
54)	4-Chlorophenyl-phenylether	16.78	204	1677130	115.68	ppm		93
55)	Diethylphthalate	16.76	149	3816366	129.24	ppm		98
56)	Azobenzene	17.16	77	4628419	135.22	ppm	#	93
57)	4-Nitroaniline	16.98	138	1386515	178.51	ppm		98
58)	n-Octadecane	18.83	57	1527434	110.47	ppm		94
60)	4,6-Dinitro-2-methylphenol	17.07	198	907447	193.05	ppm		98
61)	n-Nitrosodiphenylamine	17.12	169	2907450	177.55	ppm		96
63)	4-Bromophenyl-phenylether	17.92	248	1444343	168.41	ppm		98
64)	Hexachlorobenzene	18.20	284	1815472	162.00	ppm		99
65)	Pentachlorophenol	18.63	266	1238217	192.86	ppm		99
66)	Phenanthrene	18.89	178	5306590	163.98	ppm		100
67)	Anthracene	18.98	178	5388453	164.84	ppm		100
68)	Carbazole	19.35	167	4885054	174.71	ppm		99
69)	Di-n-butylphthalate	20.18	149	6119734	161.55	ppm		100
70)	Fluoranthene	20.99	202	4363213	144.32	ppm		93

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

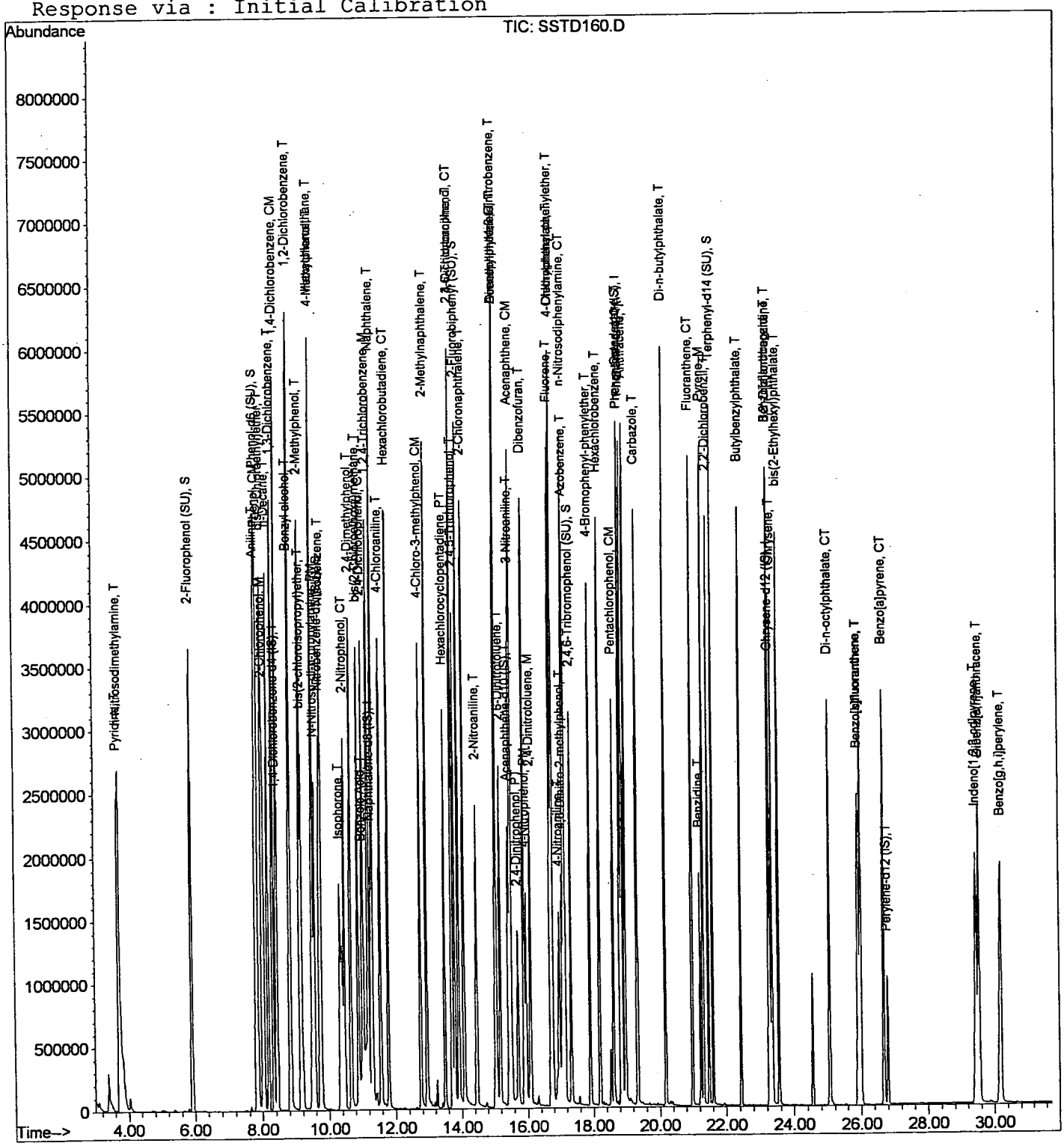
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

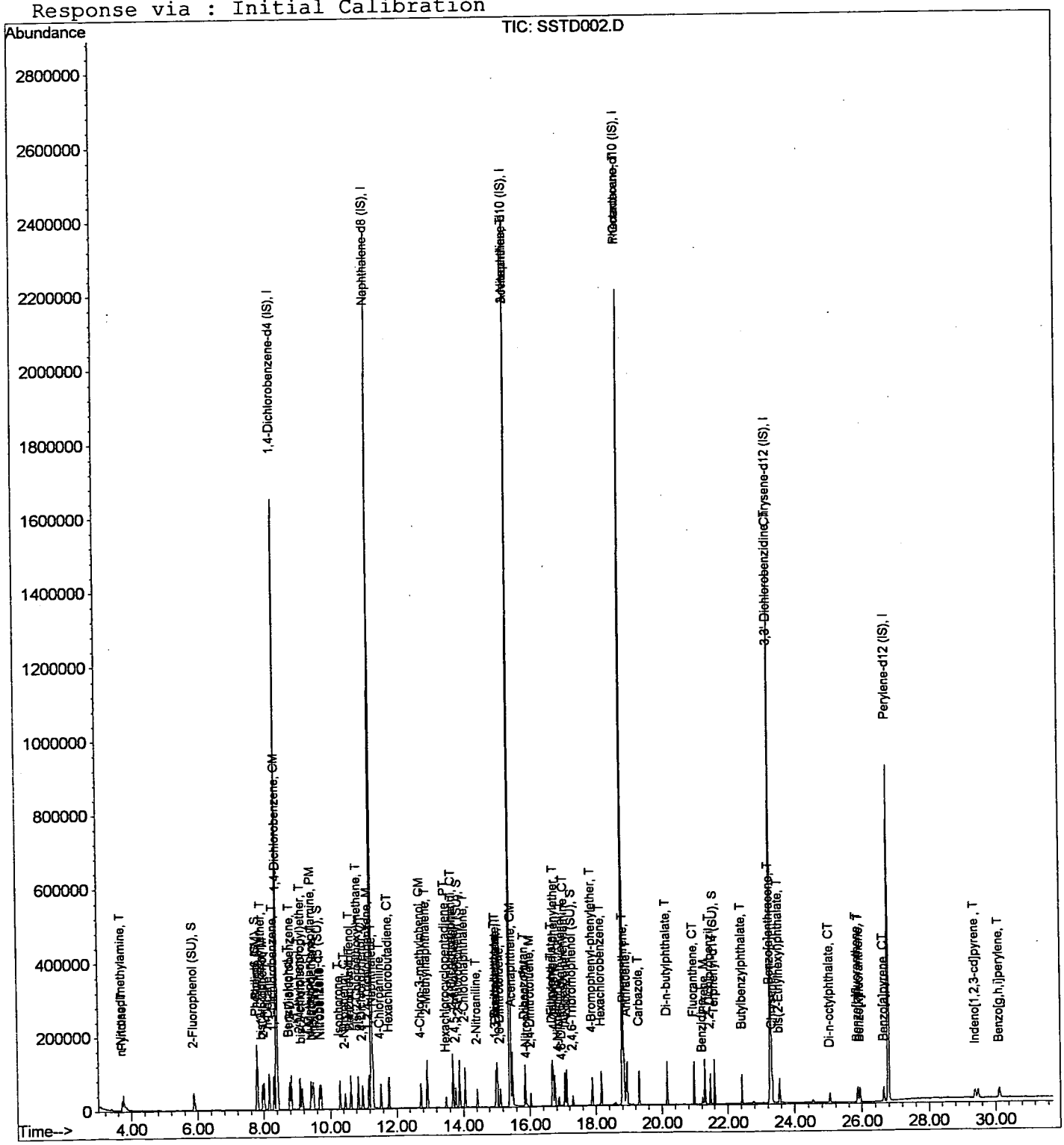
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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

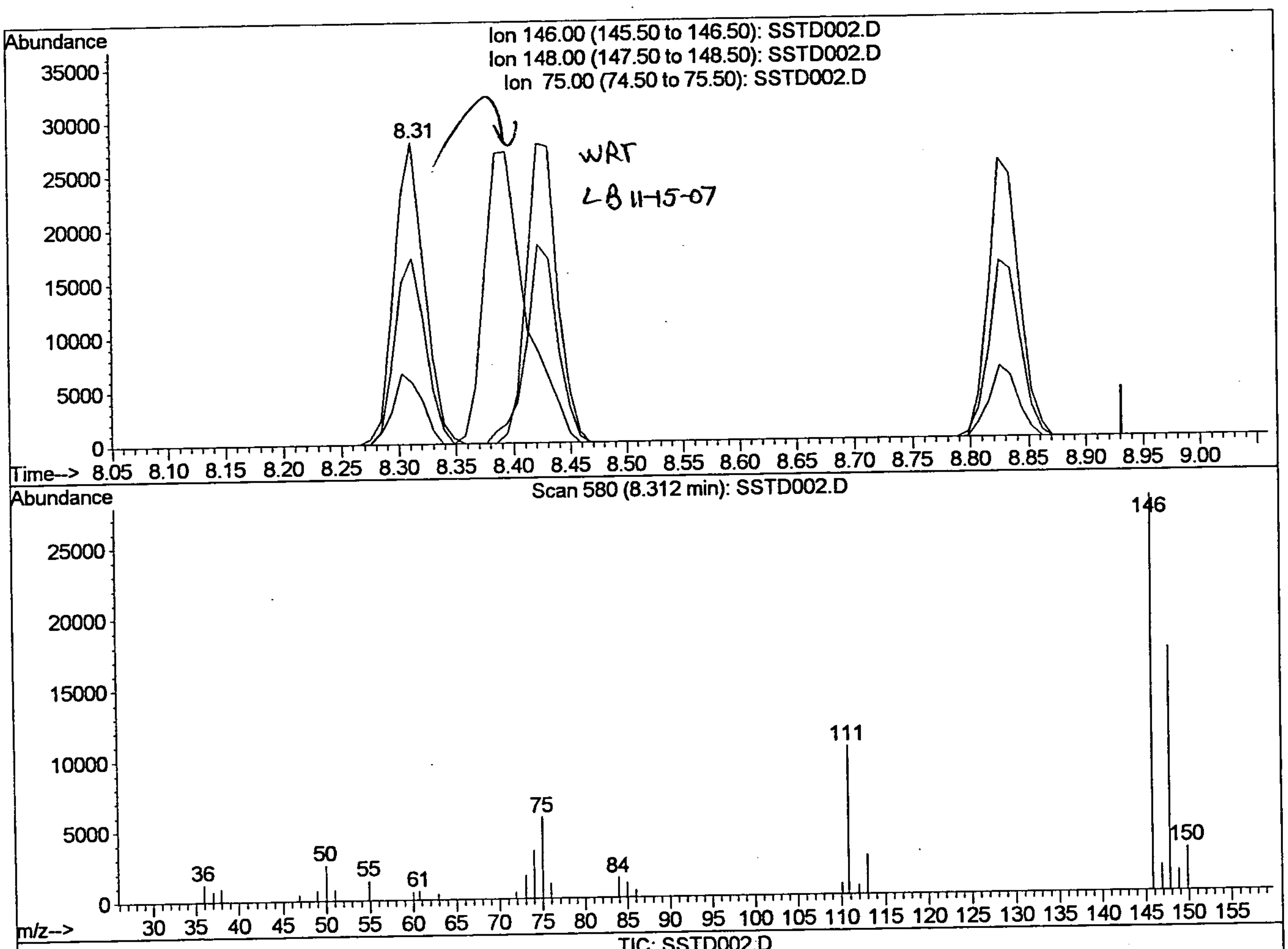


Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD002.D
Acq On : 15 Nov 2007 1:25 pm
Sample : 2ppm STD #7100427
Misc : ICAL -- 8270/625
MSaIntegmatiNovPa5amd:5RTE9N07P

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

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



(12) 1,4-Dichlorobenzene (CM)

8.31min 2.17ppm

response 51408

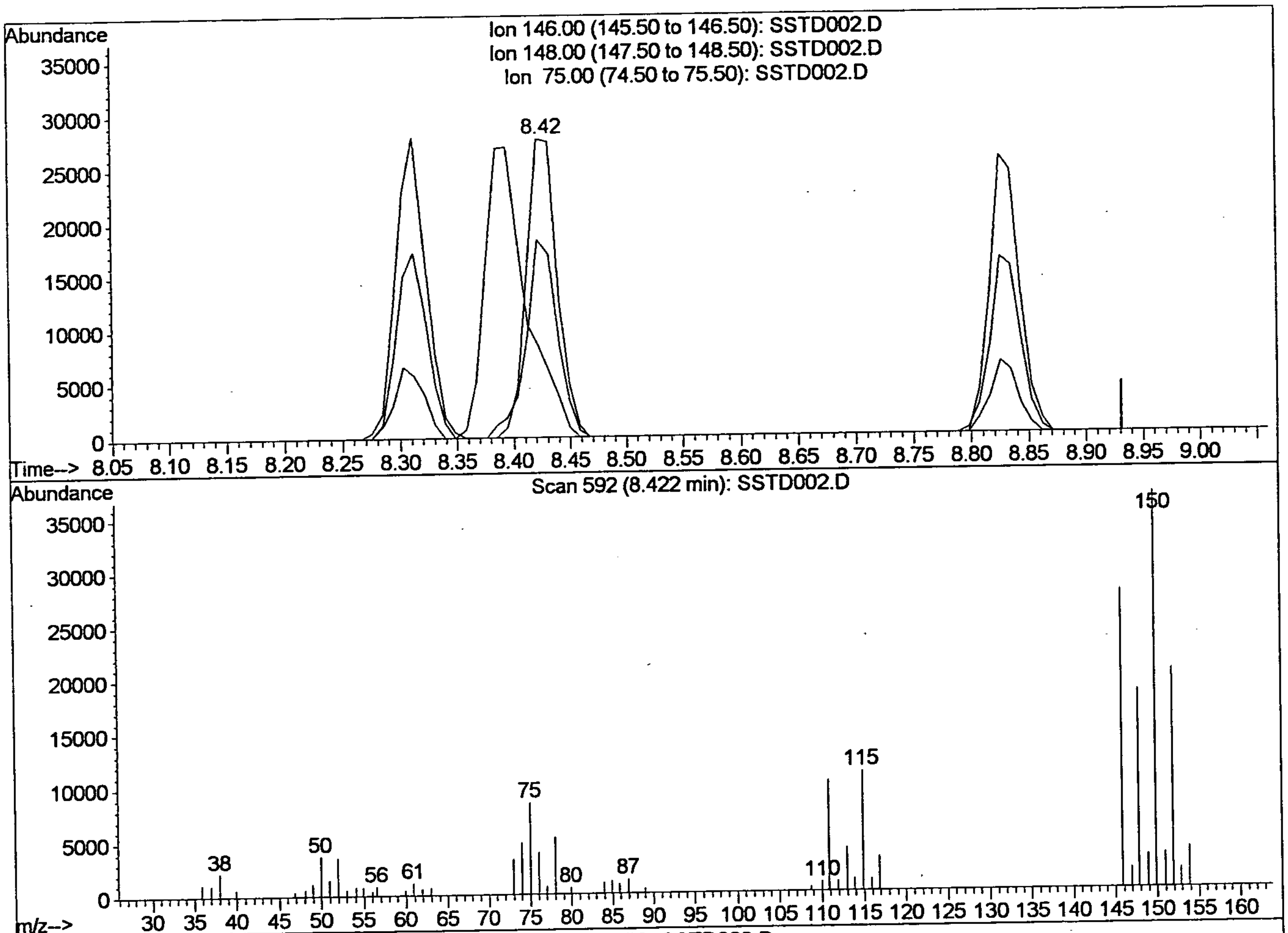
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	62.86
75.00	29.20	22.97
0.00	0.00	0.00

Quantitation Report

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

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

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



TIC: SSTD002.D

(12) 1,4-Dichlorobenzene (CM)

8.42min 2.21ppm m

response 52285

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

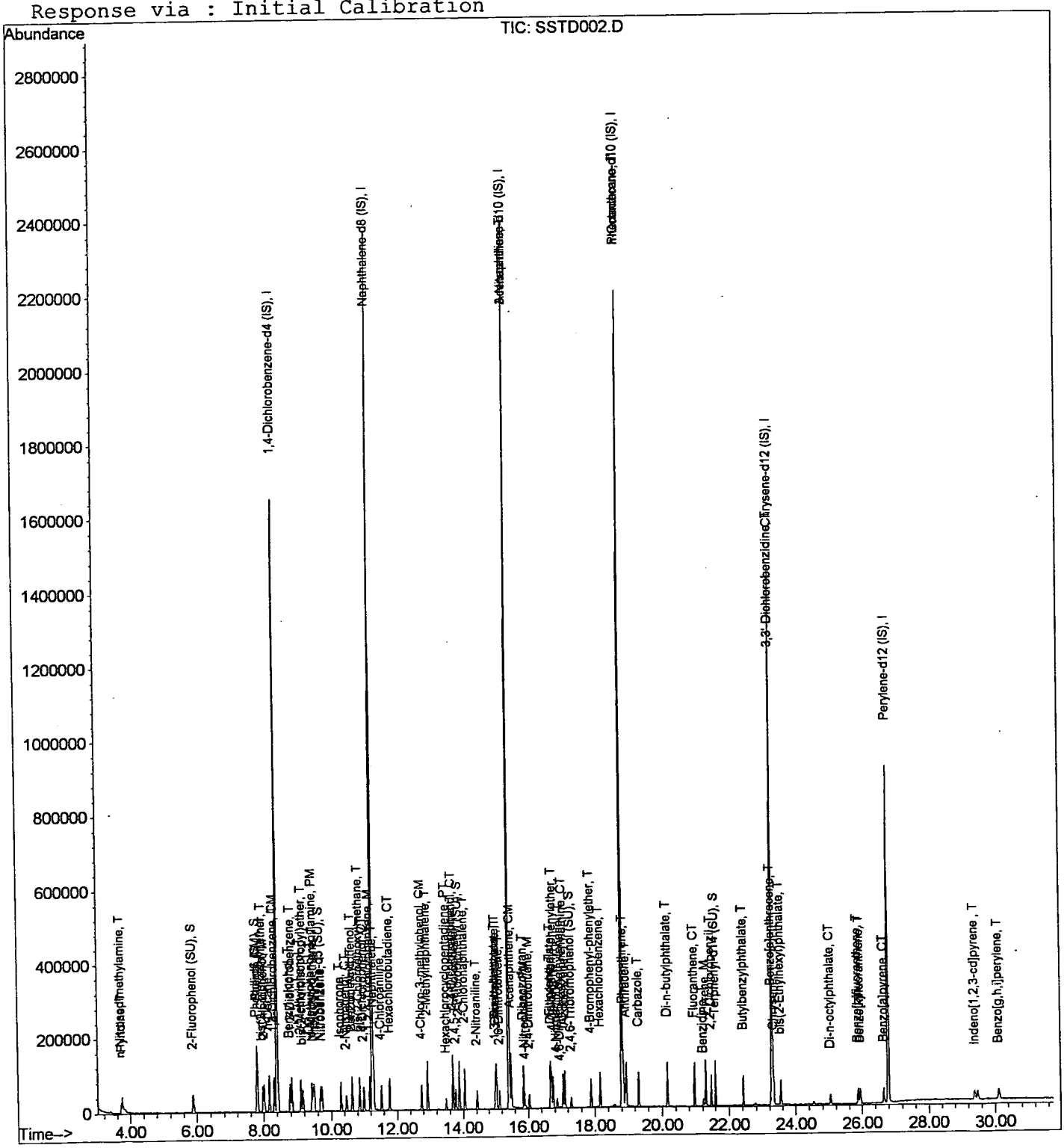
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**LCS050.D**	Instrum	**GCMS62**
Operator:	**DF/AI**	ial Calibrat	**Midpoint -- 8270/625**
Date Acquired:	**11/15/20 -1:2:**	Method	~~**G7K15SV**~~ ~~H7K07SV~~

15 OK
RA 12/7/07

CCC Compounds, max %D=20

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

SPCC Compounds

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

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

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

Source: Crescent Chemical
Instrument: GCMS62

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

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

Surrogates

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

*Denotes values out of expected range.

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (Not Reviewed)

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

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

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

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

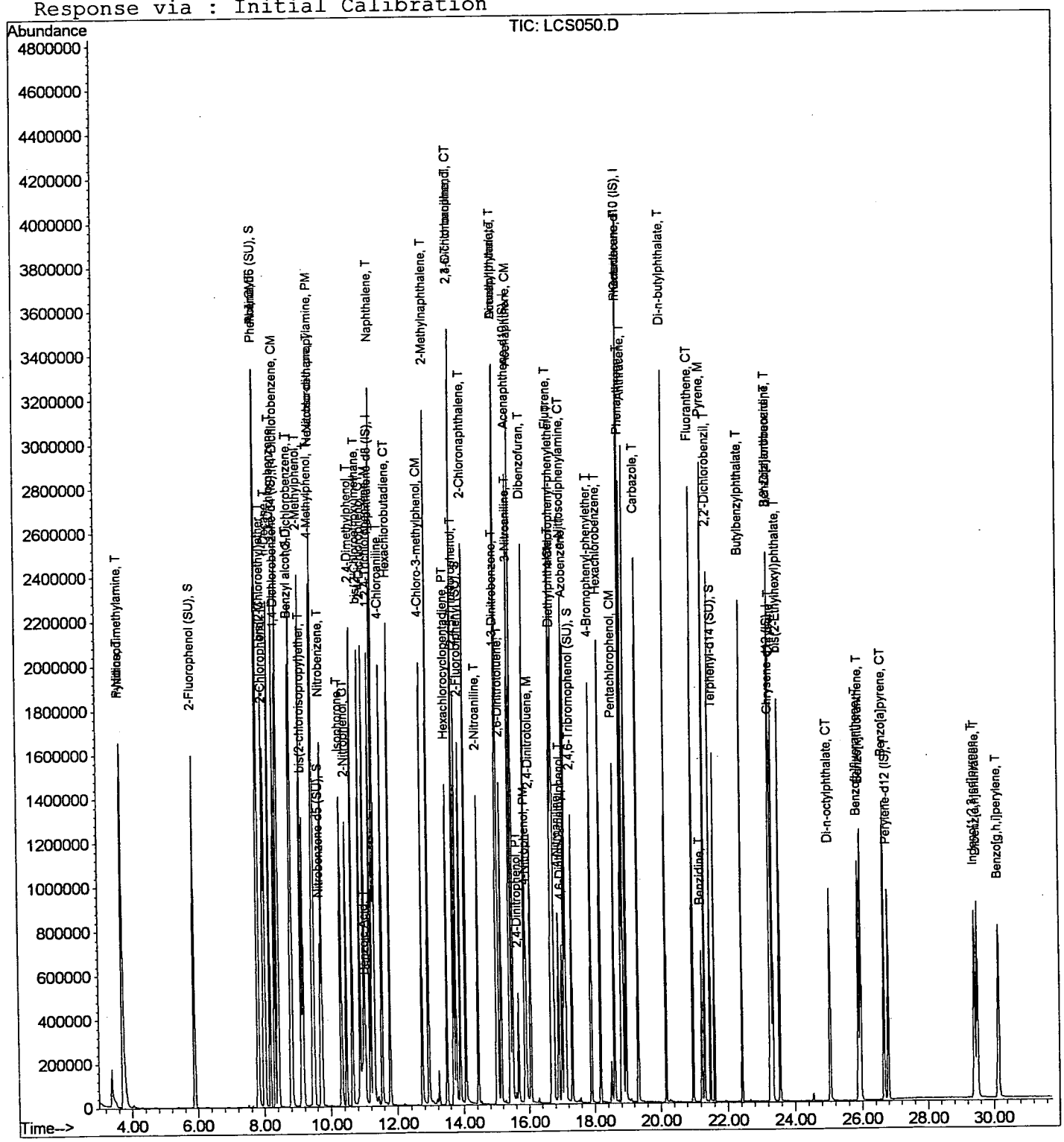
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

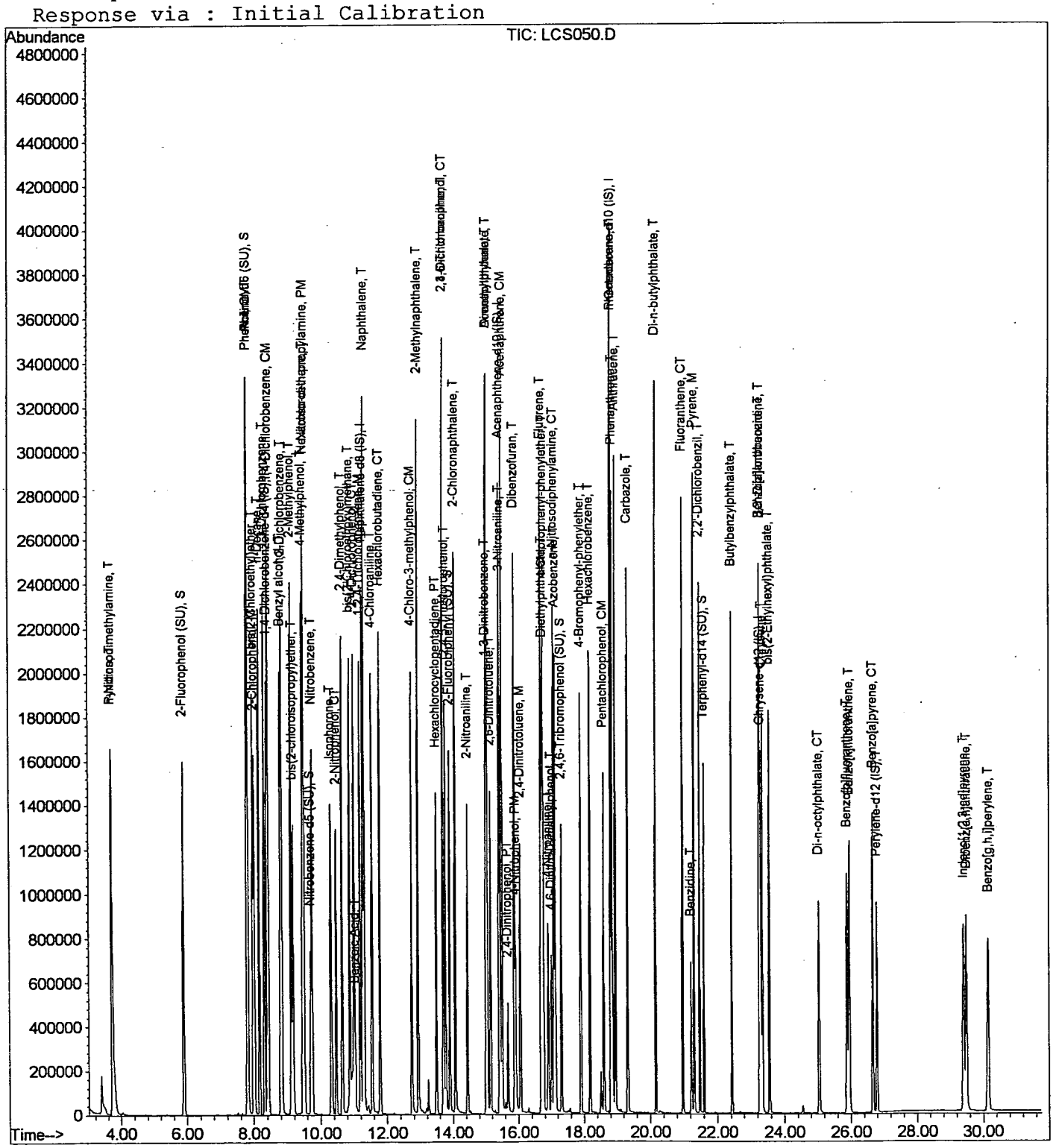
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	1772100	53.58	ppm	100
73) 2,2'-Dichlorobenzil	21.48	139	1280989	53.52	ppm	98
75) Benzidine	21.23	184	430102	45.23	ppm	99
76) Butylbenzylphthalate	22.43	149	793643	52.37	ppm	100
77) 3,3'-Dichlorobenzidine	23.27	252	526888	56.97	ppm	96
78)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

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

Quantitation Report

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

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



Evaluate Continuing Calibration Report

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

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

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

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

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

(#) = Out of Range

Evaluate Continuing Calibration Report

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

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

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

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

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

(#) = Out of Range

Evaluate Continuing Calibration Report

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

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

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

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

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

GC/MS DAILY LOG SUMMARY

DATE: 11-15-07 **DATAFILE:** \\GCMS62\DATA\ 07NOV15

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

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN 4	***	Pass @ 16:44				
2	50ppm Midpoint STD	***	SSTD050 A	***					
3	7K13105-BLK1	-	G1115001	W	KS	13105	LB 11-16-07	11/16/07	
4	-BS1	-	02						
5	-BSD1	-	03				LB 11-16-07		
6	IQK0839-01	-	04					11/16/07	
7	-03	-	05						
8	-04	-	06						
9	IQK1137-05	-	07	S		12065	LB 11-16-07		
10	7K12065-MS1	-	08						
11	-MSD1	-	09						
12	IQK1137-01	-	10						
13	-02	-	11						
14	-03	-	12						
15	-04	-	13						
16	-06	-	14						
17	-07	-	15						
18	-08	-	16						PP IS high
19	IQK0839-04 LB 11-16-07	10x	17	W		13105	LB 11-16-07	11/16/07	ok in 11/16/07
20	IQK0839-02	10x	18						PP IS high
21	IQK1112-01	2x	19				LB 11-16-07	11/16/07	625
22									
23									
24									
25									
26									
27									
28									
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110338 Calibration: 7110295

GC/MS QA-QC Check Report

Tune File : C:\GCMS62\DATA\07NOV15\STUN4.D
Tune Time : 15 Nov 2007 4:44 pm

Daily Calibration File : C:\GCMS62\DATA\07NOV15\SSTD050A.D

		(2FP)	(PHL)	(NBZ)	(FBP)	(TBP)	(TPH)	(DCB) 589204	(NPT) 2269590	(ANT) 1056930	(PHN) 1247820	(CRY) 973219	(PRY) 564689
File	Sample	Surrogate Recovery %						Internal Standard Responses					
G1115001.D	7K1310S-BLK1	72	82	80	82	82	95	619107	2172751	1004730	1344720	943837	558258
G1115002.D	7K1310S-BS1	71	79	84	86	97	88	605718	2206655	1037433	1306057	1012369	605172
G1115003.D	7K1310S-BSD1	73	84	83	88	96	87	572931	2185298	1005570	1315517	1107703	709978
G1115004.D	IQK0839-01	65	76	75	78	84	87	654670	2292183	1024418	1262437	769950	470382
G1115005.D	IQK0839-03	69	79	78	84	97	103	595543	2117755	967153	1280223	760912	420025
G1115006.D	IQK0839-04	37	45	68	75	86	95	720959	2656549	1286214	1605366	954668	527602
G1115007.D	IQK1137-05	63	77	69	75	84	72	835661	3119764	1512542	2050200	1657953	1107365
G1115008.D	7K1206S-MS1	70	78	77	82	101	79	783600	2871749	1367335	1662260	1464355	1065213
G1115009.D	7K1206S-MSD1	63	74	67	77	92	87	804588	3053972	1382637	1590415	1111948	729584
G1115010.D	IQK1137-01	56	71	65	72	73	89	727480	2729615	1308043	1749369	1183038	713280
G1115011.D	IQK1137-02	58	71	62	69	76	85	820050	3078124	1430502	1858423	1236100	714646
G1115012.D	IQK1137-03	62	76	69	75	80	97	809491	2999223	1410170	1815962	1123918	635816
G1115013.D	IQK1137-04	60	73	65	70	72	80	717318	2712014	1299421	1753876	1270161	825100
G1115014.D	IQK1137-06	67	81	73	77	79	83	828766	3112582	1484807	1972117	1479170	936976
G1115015.D	IQK1137-07	57	71	62	67	68	83	718627	2747839	1368445	1886047	1287697	812250
G1115016.D	IQK1137-08	71	91	78	83	78	79	853146	3323439	1621647	2278800	1904747	1276375*
G1115017.D	IQK0434-04	0*	0*	0*	0*	0*	0*	631960	2098016	991310	1212028	770021	452523
G1115018.D	IQK0839-02	1*	1*	1*	1*	1*	1*	722073	2713631	1303720	1765939	1511431	1320306*
G1115019.D#	IQK1112-01	25*	1*	28*	30*	27*	32*	567422	2064299	887857	1119565	791968	497575

- fails 12hr time check * - fails criteria

Created: Fri Nov 16 10:56:12 2007 GCMS62

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

File:	**SSTD050A.D**	Instrum	**GCMS62**
Operator:	**DF/AI**	ial Calibrat	**ICAL -- 8270/625**
Date Acquired:	**11/15/20 -1:4:**	Method	**G7K15SV**

CCC Compounds, max %D=20

COMPOUND	Spike Conc. (ppm)	Result	%D
Phenol	50	50.18	-0.36
1,4-Dichlorobenzene	50	51.50	-3.00
2-Nitrophenol	50	53.34	-6.68
2,4-Dichlorophenol	50	51.63	-3.27
Hexachlorobutadiene	50	46.50	6.99
4-Chloro-3-methylphenol	50	53.65	-7.31
2,4,6-Trichlorophenol	50	53.40	-6.79
Acenaphthene	50	51.09	-2.18
n-Nitrosodiphenylamine	50	56.63	-13.26
Pentachlorophenol	50	49.63	0.74
Fluoranthene	50	51.34	-2.68
Di-n-octylphthalate	50	51.91	-3.81
Benzo[a]pyrene	50	58.82	-17.64

SPCC Compounds

COMPOUND	Min RRF	CC RRF
N-Nitroso-di-n-propylamine	0.05	0.910
Hexachlorocyclopentadiene	0.05	0.272
2,4-Dinitrophenol	0.05	0.144
4-Nitrophenol	0.05	0.111

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

File: SSTD050A.D
Date: 11/15/20 -1:4:
Matrix: ICAL -- 8270/625

Source: Crescent Chemical
Instrument: GCMS62

Name	Conc (ppm)	Response	%Rec	8270 QC Limits
Pyridine	50	51.40	103	(70-130)
n-Nitrosodimethylamine	50	50.53	101	(80-120)
bis(2-Chloroethyl)ether	50	53.78	108	(80-120)
Aniline	50	51.35	103	(80-120)
2-Chlorophenol	50	52.53	105	(80-120)
n-Decane	50	48.58	97	(80-120)
1,3-Dichlorobenzene	50	50.64	101	(80-120)
1,2-Dichlorobenzene	50	53.76	108	(80-120)
Benzyl alcohol	50	56.82	114	(70-130)
bis(2-chloroisopropyl)ether	50	55.27	111	(80-120)
2-Methylphenol	50	53.89	108	(80-120)
Hexachloroethane	50	51.87	104	(80-120)
N-Nitroso-di-n-propylamine	50	54.95	110	(80-120)
4-Methylphenol	50	56.38	113	(80-120)
Nitrobenzene	50	50.43	101	(80-120)
Isophorone	50	53.34	107	(80-120)
2,4-Dimethylphenol	50	51.54	103	(80-120)
bis(2-Chloroethoxy)methane	50	52.39	105	(80-120)
1,2,4-Trichlorobenzene	50	48.88	98	(80-120)
Benzoic Acid	50	52.08	104	(75-125)
Naphthalene	50	50.01	100	(80-120)
4-Chloroaniline	50	52.47	105	(80-120)
2-Methylnaphthalene	50	51.44	103	(80-120)
2,3-Dichloroaniline	50	49.16	98	(80-120)
Hexachlorocyclopentadiene	50	48.40	97	(70-130)
2,4,5-Trichlorophenol	50	53.03	106	(80-120)
2-Chloronaphthalene	50	51.74	103	(80-120)
2-Nitroaniline	50	54.44	109	(80-130)
1,3-Dinitrobenzene	50	45.41	91	(80-120)
Acenaphthylene	50	48.93	98	(80-120)
Dimethylphthalate	50	50.21	100	(80-120)
2,6-Dinitrotoluene	50	52.31	105	(80-120)
3-Nitroaniline	50	54.80	110	(70-140)
2,4-Dinitrophenol	50	46.42	93	(60-140)
Dibenzofuran	50	50.00	100	(80-120)
2,4-Dinitrotoluene	50	50.05	100	(70-140)

4-Nitrophenol	50	47.92	96	(60-135)
Fluorene	50	51.60	103	(80-120)
4-Chlorophenyl-phenylether	50	50.29	101	(80-120)
Diethylphthalate	50	51.56	103	(65-120)
Azobenzene	50	53.49	107	(80-120)
4-Nitroaniline	50	50.71	101	(60-160)
n-Octadecane	50	50.25	101	(80-120)
4,6-Dinitro-2-methylphenol	50	57.16	114	(80-120)
4-Bromophenyl-phenylether	50	51.88	104	(75-125)
Hexachlorobenzene	50	50.13	100	(70-120)
Phenanthrene	50	52.12	104	(80-120)
Anthracene	50	52.37	105	(80-120)
Carbazole	50	52.57	105	(70-120)
Di-n-butylphthalate	50	53.18	106	(80-120)
Pyrene	50	51.44	103	(60-120)
2,2'-Dichlorobenzil	50	53.34	107	(80-120)
Benzidine	50	59.21	118	(30-180)
Butylbenzylphthalate	50	53.76	108	(80-120)
3,3'-Dichlorobenzidine	50	53.10	106	(50-170)
Benzo[a]anthracene	50	50.93	102	(80-120)
Chrysene	50	49.77	100	(80-120)
bis(2-Ethylhexyl)phthalate	50	52.43	105	(75-125)
Benzo[b]fluoranthene	50	59.20	118	(80-120)
Benzo[k]fluoranthene	50	58.39	117	(80-120)
Indeno[1,2,3-cd]pyrene	50	54.98	110	(50-150)
Dibenz[a,h]anthracene	50	52.81	106	(60-160)
Benzo[g,h,i]perylene	50	53.31	107	(50-160)

Surrogates

2-Fluorophenol (SU)	50	50.68	101	(80-120)
Phenol-d6 (SU)	50	51.32	103	(80-120)
Nitrobenzene-d5 (SU)	50	50.40	101	(80-120)
2-Fluorobiphenyl (SU)	50	50.96	102	(80-120)
2,4,6-Tribromophenol (SU)	50	55.51	111	(80-120)
Terphenyl-d14 (SU)	50	50.03	100	(70-130)

*Denotes values out of expected range.

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

2nd Level Review:	DC	Analyst:	LB
Date:	11/16/07	Analysis Date:	11-15-07
QC Batches:	AM	GCMS #:	62

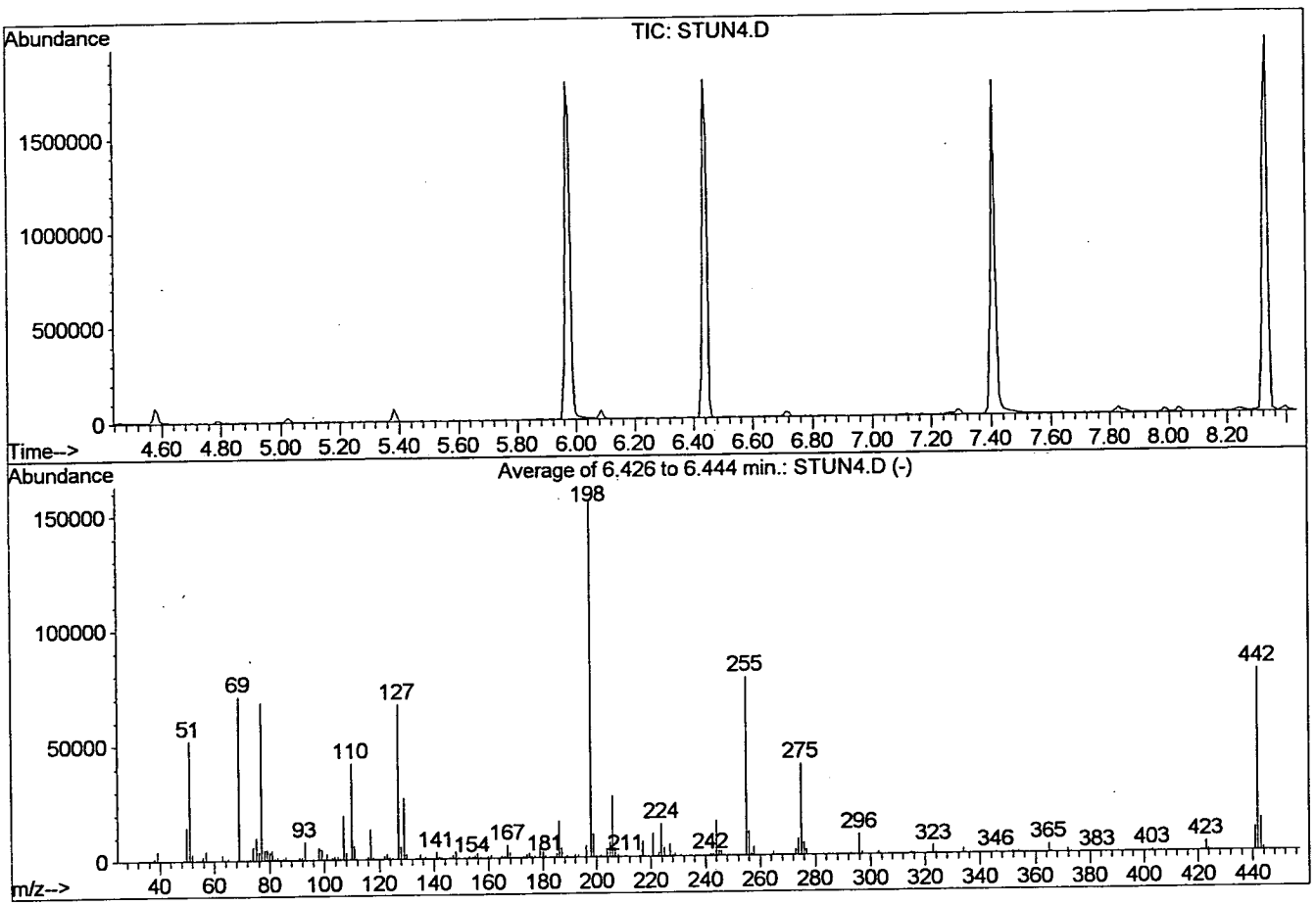
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
		Calibration :
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓	✓	• RSD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

Comments: _____

DFTPP

Data File : C:\GCMS62\DATA\07NOV15\STUN4.D
Acq On : 15 Nov 2007 4:44 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : dftpp

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



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.6	52245	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	45.7	71096	PASS
70	69	0.00	2	0.6	396	PASS
127	198	40	60	43.3	67371	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	155488	PASS
199	198	5	9	6.6	10285	PASS
275	198	10	30	25.6	39876	PASS
365	198	1	100	2.6	3968	PASS
441	443	0.01	100	73.0	10572	PASS
442	198	40	100	50.8	78994	PASS
443	442	17	23	18.3	14479	PASS

STUN4.D DFTPP.M Thu Nov 15 16:57:09 2007

Average of 6.426 to 6.444 min.: STUN4.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.95	1287	61.90	365	78.00	4366	87.85	183
39.00	4290	62.95	2244	78.90	4599	90.75	170
40.90	197	64.05	244	79.90	3409	90.95	1254
48.95	579	64.95	1046	80.90	4073	91.90	1202
49.95	14757	68.95	71096	81.80	167	92.95	8022
50.95	52245	70.00	396	82.00	1032	93.85	229
51.90	2758	72.90	646	82.90	1203	96.00	467
54.95	361	73.95	5762	83.95	424	98.00	5486
55.90	1701	75.00	9776	84.95	1033	98.95	4652
56.90	4105	76.05	3662	85.95	1487	99.90	261
60.90	419	77.00	68749	86.95	402	100.90	2585

Average of 6.426 to 6.444 min.: STUN4.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.90	918	117.85	958	133.95	708	150.95	314
103.90	1488	119.90	180	134.95	2030	151.95	186
104.90	1478	121.95	1354	135.95	700	152.95	926
105.90	628	122.85	2253	136.95	913	153.95	660
106.95	19338	123.85	796	140.95	3172	154.90	1208
107.95	3041	124.90	761	141.95	1013	155.95	2225
109.95	41934	126.90	67371	142.85	548	157.00	513
110.95	6115	127.95	5476	145.85	746	157.85	317
111.85	689	128.95	26699	146.95	1388	158.85	200
115.95	1099	129.90	2113	147.90	3147	159.85	912
116.85	13409	130.95	232	148.90	694	160.90	1281

Average of 6.426 to 6.444 min.: STUN4.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
161.95	492	175.95	666	188.85	815	202.95	363
163.80	171	176.90	996	190.80	289	203.95	3651
164.90	884	177.75	256	191.90	1280	204.95	6478
165.90	804	178.85	4141	192.95	1234	205.90	26863
166.90	5910	179.95	2451	193.85	170	206.90	4216
167.90	2373	180.85	1028	194.95	224	207.90	859
168.85	389	183.85	394	195.95	5169	210.80	591
171.95	500	185.00	1789	197.85	155488	211.00	552
172.90	687	185.90	16258	198.85	10285	214.85	180
173.95	1435	186.90	4195	199.85	534	215.90	589
174.90	1949	187.90	173	201.50	963	216.85	6975

Average of 6.426 to 6.444 min.: STUN4.D
DFTPP #7100452
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
217.90	633	233.80	175	248.85	597	275.90	5417
220.90	10209	234.80	397	252.90	485	276.85	2577
222.85	1660	235.85	201	254.90	77724	277.85	510
223.90	14619	236.85	508	255.90	10678	282.85	204
224.85	3980	240.75	174	256.90	851	284.85	276
225.90	312	241.90	1015	257.85	3799	292.90	726
226.10	294	242.85	861	258.90	464	295.90	8989
226.90	5656	243.90	15482	264.90	1457	296.90	1207
227.90	757	244.85	2191	272.85	2426	302.90	1109
228.90	1281	245.85	2251	273.90	7100	303.85	169
230.90	586	246.90	535	274.90	39876	313.90	290

Average of 6.426 to 6.444 min.: STUN4.D
DFTPP #7100452
Modified:subtracted

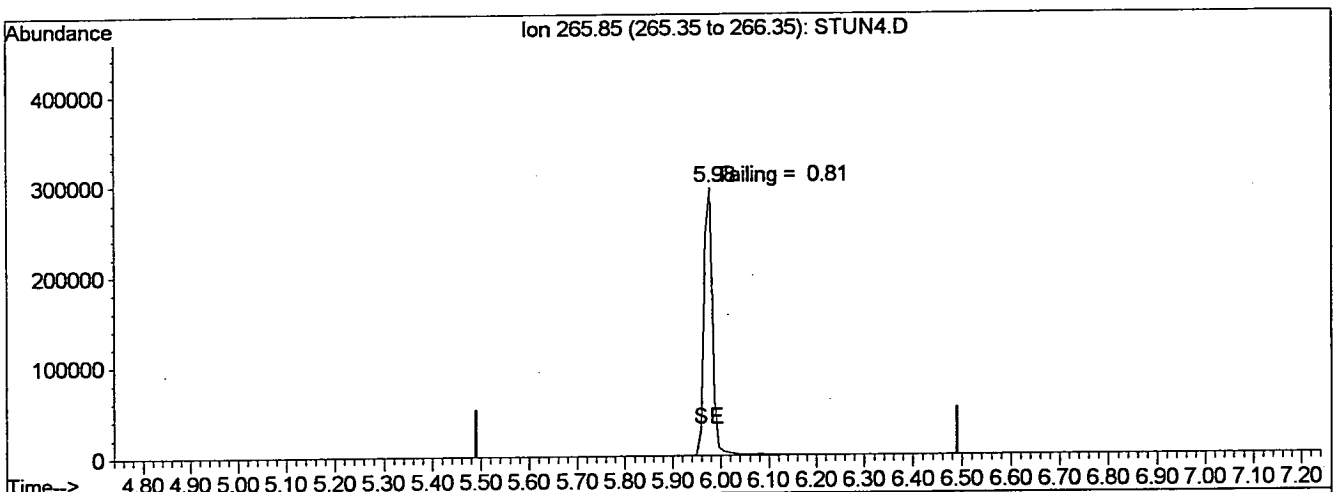
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
314.90	926	334.90	277	372.85	278	441.90	78994
315.90	694	340.80	226	382.80	256	442.90	14479
320.90	180	345.85	555	389.95	237	443.90	1565
321.95	174	351.85	927	401.90	351		
322.95	3783	352.80	654	402.90	863		
323.90	743	353.90	968	403.90	214		
326.65	229	354.90	172	420.80	459		
326.85	421	364.85	3968	421.90	498		
327.85	277	365.85	532	422.90	4551		
332.90	239	370.75	179	423.90	1079		
333.90	2190	371.85	1632	440.90	10572		

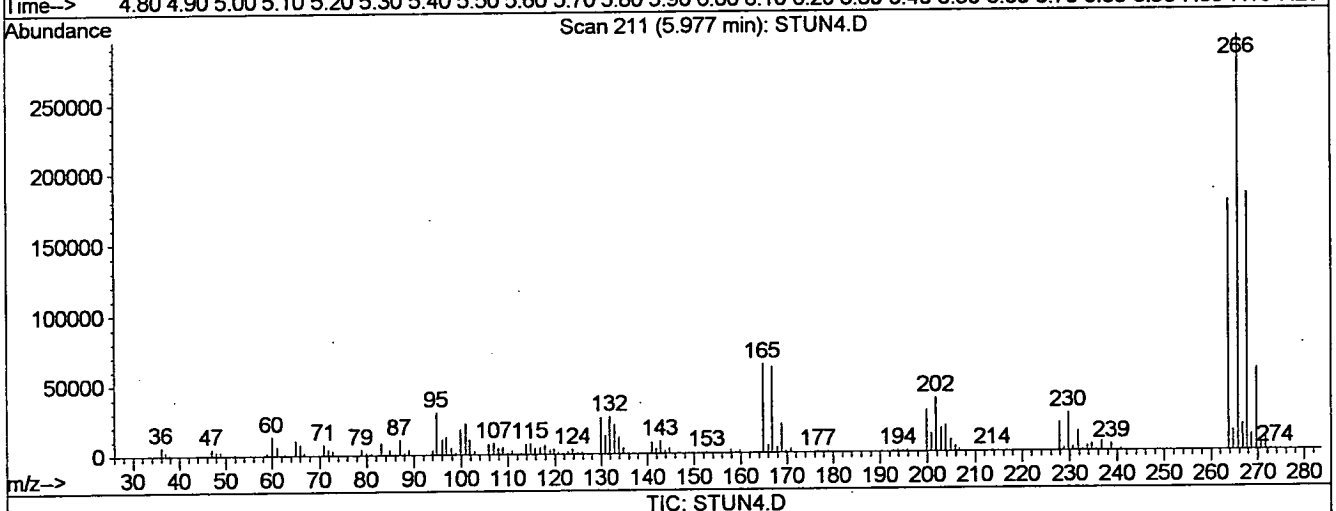
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN4.D
Acq On : 15 Nov 2007 4:44 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
Quant Time: Nov 15 16:57:27 2007 RTE Volume: 07P

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

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





TIC: STUN4.D

(1) Pentachlorophenol

5.98min 47.67ug/ml

response 367380

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

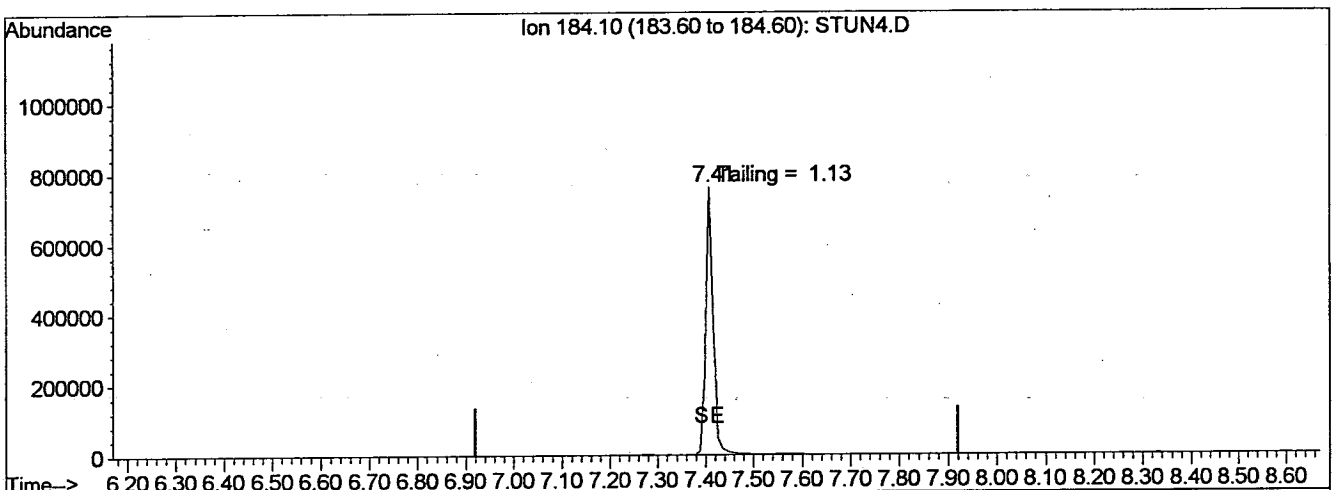
STUN4.D DFTPP.M Thu Nov 15 16:57:27 2007

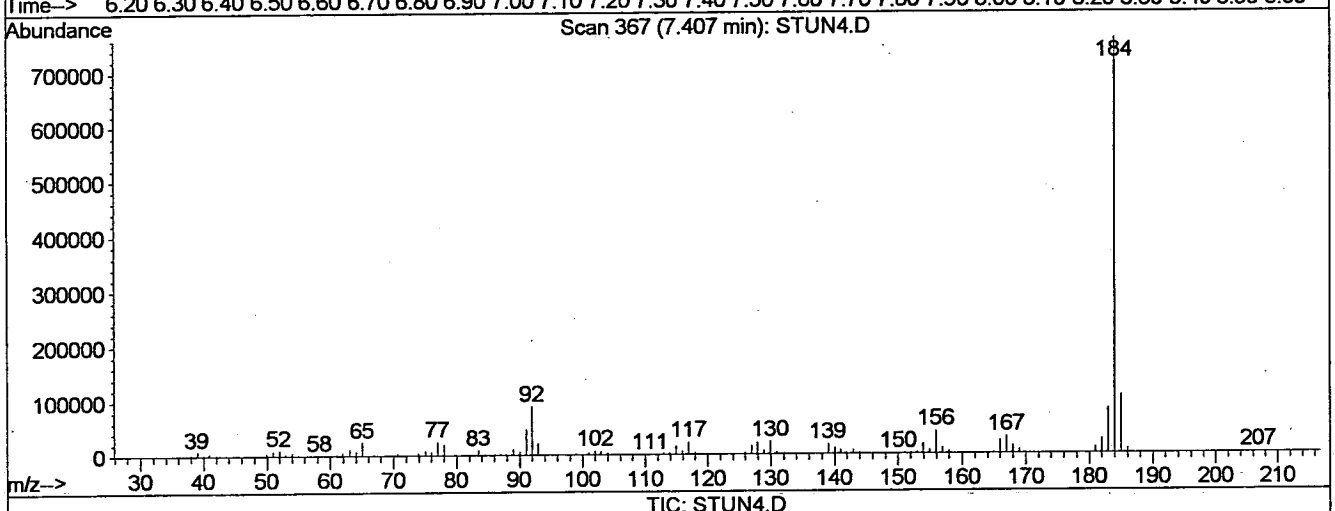
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN4.D
Acq On : 15 Nov 2007 4:44 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE2NT07P

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

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





TIC: STUN4.D

(3) BENZIDINE

7.41min 51.30ug/ml

response 821202

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

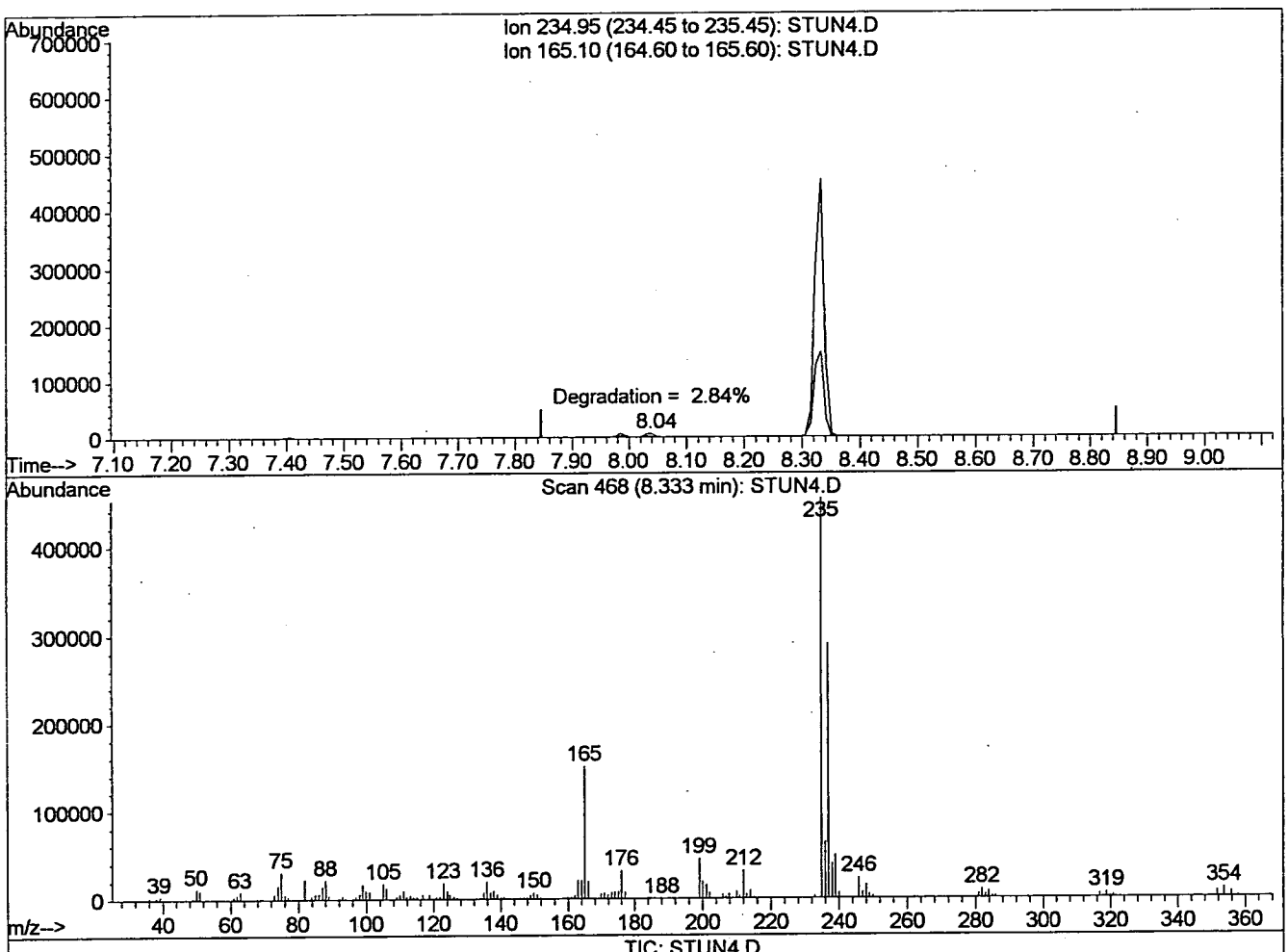
STUN4.D DFTPP.M Thu Nov 15 16:57:35 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\STUN4.D
Acq On : 15 Nov 2007 4:44 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE.P

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

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



(4) DDT

8.33min 50.22ug/ml

response 516400

Ion	Exp%	Act%
234.95	100	100
165.10	0.30	35.77#
0.00	0.00	0.00
0.00	0.00	0.00

STUN4.D DFTPP.M Thu Nov 15 16:57:45 2007

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D Vial: 2
Acq On : 15 Nov 2007 4:59 pm Operator: DF/AI
Sample : 50ppm MP STD #~~7100431~~ 7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 CB11-5-07 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107 Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	589204	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2269592	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	1056927	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1247819	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	973219	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	564689	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1205515	50.68	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.68%			
7) Phenol-d6 (SU)	7.80	99	1319202	51.32	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 51.32%			
21) Nitrobenzene-d5 (SU)	9.69	82	1014110	50.40	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 100.80%			
40) 2-Fluorobiphenyl (SU)	13.90	172	1898469	50.96	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 101.92%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	352591	55.51	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.51%			
74) Terphenyl-d14 (SU)	21.61	244	1346211	50.03	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 100.06%			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1320395	51.40	ppm	99
4) n-Nitrosodimethylamine	3.71	74	795998	50.53	ppm	98
5) bis(2-Chloroethyl)ether	7.98	93	1233074	53.78	ppm	100
6) Aniline	7.81	93	1653738	51.35	ppm	100
8) Phenol	7.82	94	1474594	50.18	ppm	99
9) 2-Chlorophenol	8.02	128	1101336	52.53	ppm	99
10) n-Decane	8.17	57	922693	48.58	ppm	99
11) 1,3-Dichlorobenzene	8.31	146	1198750	50.64	ppm	100
12) 1,4-Dichlorobenzene	8.43	146	1203303	51.50	ppm	99
13) 1,2-Dichlorobenzene	8.83	146	1133266	53.76	ppm	99
14) Benzyl alcohol	8.80	108	704488	56.82	ppm	100
15) bis(2-chloroisopropyl)ethe	9.16	45	1036309	55.27	ppm	98
16) 2-Methylphenol	9.11	107	824067	53.89	ppm	99
17) Hexachloroethane	9.49	117	417979	51.87	ppm	100
18) N-Nitroso-di-n-propylamine	9.49	70	670050	54.95	ppm	99
19) 4-Methylphenol	9.46	107	1187336	56.38	ppm	99
22) Nitrobenzene	9.74	77	996122	50.43	ppm	99
23) Isophorone	10.30	82	1871585	52.43	ppm	100
24) 2-Nitrophenol	10.46	139	611410	53.34	ppm	99
25) 2,4-Dimethylphenol	10.65	122	930109	51.54	ppm	99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107

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

Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.88	93	1354931	52.39	ppm		100
27) 2,4-Dichlorophenol	11.01	162	826478	51.63	ppm		100
28) 1,2,4-Trichlorobenzene	11.19	180	815173	48.88	ppm		98
29) Benzoic Acid	11.03	122	543504	52.08	ppm		99
30) Naphthalene	11.31	128	2726142	50.01	ppm		100
31) 4-Chloroaniline	11.54	127	1229001	52.47	ppm		99
32) Hexachlorobutadiene	11.78	225	431418	46.50	ppm		98
33) 4-Chloro-3-methylphenol	12.74	107	810108	53.65	ppm		99
34) 2-Methylnaphthalene	12.94	141	1458731	51.44	ppm		97
35) 2,3-Dichloroaniline	13.71	161	874881	49.16	ppm		99
37) Hexachlorocyclopentadiene	13.49	237	359304	48.40	ppm		99
38) 2,4,6-Trichlorophenol	13.70	196	498678	53.40	ppm		98
39) 2,4,5-Trichlorophenol	13.77	196	575270	53.03	ppm		99
41) 2-Chloronaphthalene	14.07	162	1647384	51.74	ppm		100
42) 2-Nitroaniline	14.44	65	432955	54.44	ppm		99
43) 1,3-Dinitrobenzene	15.00	168	300225	45.41	ppm	#	41
44) Acenaphthylene	15.05	152	2190357	48.93	ppm		99
45) Dimethylphthalate	15.03	163	1645414	50.21	ppm		99
46) 2,6-Dinitrotoluene	15.16	165	448232	52.31	ppm		99
47) Acenaphthene	15.50	154	1430427	51.09	ppm		99
48) 3-Nitroaniline	15.44	138	503263	54.80	ppm		99
49) 2,4-Dinitrophenol	15.68	184	189888	46.42	ppm		100
50) Dibenzofuran	15.88	168	2108847	50.00	ppm		98
51) 2,4-Dinitrotoluene	16.06	165	557889	50.05	ppm		99
52) 4-Nitrophenol	15.91	109	146866	47.92	ppm		97
53) Fluorene	16.69	166	1680976	51.60	ppm		99
54) 4-Chlorophenyl-phenylether	16.76	204	748014	50.29	ppm		99
55) Diethylphthalate	16.73	149	1686822	51.56	ppm		100
56) Azobenzene	17.13	77	1875000	53.49	ppm		100
57) 4-Nitroaniline	16.92	138	473168	50.71	ppm		99
58) n-Octadecane	18.81	57	699568	50.25	ppm		98
60) 4,6-Dinitro-2-methylphenol	17.01	198	265448	57.16	ppm		100
61) n-Nitrosodiphenylamine	17.08	169	1238577	56.63	ppm		100
63) 4-Bromophenyl-phenylether	17.90	248	531700	51.88	ppm		98
64) Hexachlorobenzene	18.18	284	670904	50.13	ppm		100
65) Pentachlorophenol	18.59	266	387575	49.63	ppm		99
66) Phenanthrene	18.87	178	2096851	52.12	ppm		100
67) Anthracene	18.96	178	2114369	52.37	ppm		99
68) Carbazole	19.33	167	1807095	52.57	ppm		100
69) Di-n-butylphthalate	20.16	149	2542747	53.18	ppm		100
70) Fluoranthene	20.98	202	1814480	51.34	ppm		99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107

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

Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.31	202	1810779	51.44	ppm	99
73) 2,2'-Dichlorobenzil	21.47	139	1358831	53.34	ppm	100
75) Benzidine	21.22	184	599287	59.21	ppm	99
76) Butylbenzylphthalate	22.43	149	867189	53.76	ppm	99
77) 3,3'-Dichlorobenzidine	23.27	252	522743	53.10	ppm	98
78) Benzo[a]anthracene	23.26	228	1273868	50.93	ppm	100
79) Chrysene	23.34	228	1218511	49.77	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1027897	52.43	ppm	99
81) Di-n-octylphthalate	25.04	149	1241639	51.91	ppm	99
83) Benzo[b]fluoranthene	25.89	252	1156434	59.20	ppm	99
84) Benzo[k]fluoranthene	25.96	252	1088468	58.39	ppm	98
85) Benzo[a]pyrene	26.66	252	960726	58.82	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.41	276	856816	54.98	ppm	96
87) Dibenz[a,h]anthracene	29.49	278	841063	52.81	ppm	96
88) Benzo[g,h,i]perylene	30.14	276	873352	53.31	ppm	98

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

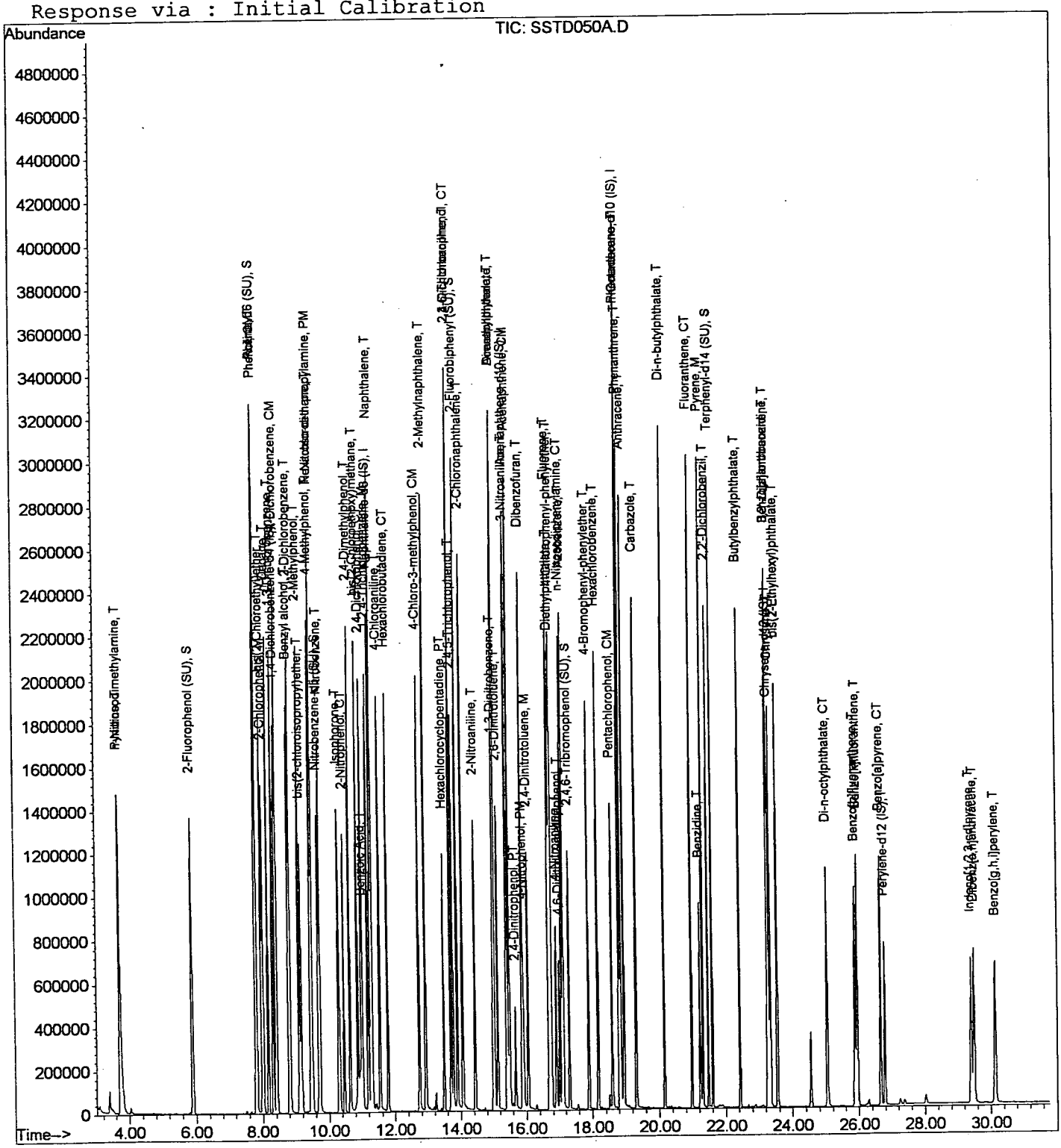
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107

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

Quant Results File: G7K15SV.RES

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



Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P

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

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	107	0.00
2	S	2-Fluorophenol (SU)	1.615	1.637	-1.4	109	0.00
3	T	Pyridine	1.744	1.793	-2.8	109	0.00
4	T	n-Nitrosodimethylamine	1.069	1.081	-1.1	107	0.00
5	T	bis(2-Chloroethyl)ether	1.556	1.674	-7.6	108	0.00
6	T	Aniline	2.186	2.245	-2.7	108	0.00
7	S	Phenol-d6 (SU)	1.745	1.791	-2.6	106	0.00
8	CM	Phenol	1.995	2.002	-0.4	106	0.00
9	M	2-Chlorophenol	1.423	1.495	-5.1	107	0.00
10	T	n-Decane	1.290	1.253	2.9	109	0.00
11	T	1,3-Dichlorobenzene	1.607	1.628	-1.3	108	0.00
12	CM	1,4-Dichlorobenzene	1.586	1.634	-3.0	109	0.00
13	T	1,2-Dichlorobenzene	1.431	1.539	-7.5	108	0.00
14	T	Benzyl alcohol	0.842	0.957	-13.7	106	0.00
15	T	bis(2-chloroisopropyl)ether	1.273	1.407	-10.5	106	0.00
16	T	2-Methylphenol	1.038	1.119	-7.8	108	0.00
17	T	Hexachloroethane	0.547	0.568	-3.8	109	0.00
18	PM	N-Nitroso-di-n-propylamine	0.828	0.910	-9.9	110	0.00
19	T	4-Methylphenol	1.430	1.612	-12.7	106	0.00
20	I	Naphthalene-d8 (IS)	1.000	1.000	0.0	109	0.00
21	S	Nitrobenzene-d5 (SU)	0.355	0.357	-0.6	108	0.00
22	T	Nitrobenzene	0.348	0.351	-0.9	107	0.00
23	T	Isophorone	0.629	0.660	-4.9	109	0.00
24	CT	2-Nitrophenol	0.202	0.216	-6.9	109	0.00
25	T	2,4-Dimethylphenol	0.318	0.328	-3.1	108	0.00
26	T	bis(2-Chloroethoxy)methane	0.456	0.478	-4.8	110	0.00
27	CT	2,4-Dichlorophenol	0.282	0.291	-3.2	108	0.00
28	M	1,2,4-Trichlorobenzene	0.294	0.287	2.4	109	0.00
29	T	Benzoic Acid	0.149	0.192	-28.9	116	0.02
30	T	Naphthalene	0.961	0.961	0.0	109	0.00
31	T	4-Chloroaniline	0.413	0.433	-4.8	108	0.00
32	CT	Hexachlorobutadiene	0.164	0.152	7.3	106	0.00
33	CM	4-Chloro-3-methylphenol	0.266	0.286	-7.5	108	0.00
34	T	2-Methylnaphthalene	0.500	0.514	-2.8	107	0.00
35	T	2,3-Dichloroaniline	0.314	0.308	1.9	109	0.00
36	I	Acenaphthene-d10 (IS)	1.000	1.000	0.0	108	0.00
37	PT	Hexachlorocyclopentadiene	0.262	0.272	-3.8	105	0.00
38	CT	2,4,6-Trichlorophenol	0.353	0.377	-6.8	107	0.00
39	T	2,4,5-Trichlorophenol	0.411	0.435	-5.8	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P

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

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	S	2-Fluorobiphenyl (SU)	1.410	1.437	-1.9	107	0.00
41	T	2-Chloronaphthalene	1.205	1.247	-3.5	108	0.00
42	T	2-Nitroaniline	0.301	0.328	-9.0	110	0.00
43	T	1,3-Dinitrobenzene	0.203	0.227	-11.8	108	0.00
44	T	Acenaphthylene	1.694	1.658	2.1	108	0.00
45	T	Dimethylphthalate	1.240	1.245	-0.4	106	0.00
46	T	2,6-Dinitrotoluene	0.324	0.339	-4.6	107	0.00
47	CM	Acenaphthene	1.060	1.083	-2.2	108	0.00
48	T	3-Nitroaniline	0.348	0.381	-9.5	110	0.00
49	PT	2,4-Dinitrophenol	0.125	0.144	-15.2	111	0.00
50	T	Dibenzofuran	1.596	1.596	0.0	107	0.00
51	M	2,4-Dinitrotoluene	0.422	0.422	0.0	105	0.00
52	PM	4-Nitrophenol	0.102	0.111	-8.8	108	0.00
53	T	Fluorene	1.233	1.272	-3.2	110	0.00
54	T	4-Chlorophenyl-phenylether	0.563	0.566	-0.5	106	0.00
55	T	Diethylphthalate	1.238	1.277	-3.2	107	0.00
56	T	Azobenzene	1.327	1.419	-6.9	108	0.00
57	T	4-Nitroaniline	0.353	0.358	-1.4	108	0.00
58	T	n-Octadecane	0.527	0.530	-0.6	112	0.00
59	I	Phenanthrene-d10 (IS)	1.000	1.000	0.0	103	0.00
60	T	4,6-Dinitro-2-methylphenol	0.143	0.170	-18.9	110	0.00
61	CT	n-Nitrosodiphenylamine	0.701	0.794	-13.3	108	0.00
62	S	2,4,6-Tribromophenol (SU)	0.204	0.226	-10.8	101	0.00
63	T	4-Bromophenyl-phenylether	0.329	0.341	-3.6	103	0.00
64	T	Hexachlorobenzene	0.429	0.430	-0.2	102	0.00
65	CM	Pentachlorophenol	0.250	0.248	0.8	99	0.00
66	T	Phenanthrene	1.290	1.344	-4.2	105	0.00
67	T	Anthracene	1.294	1.356	-4.8	105	0.00
68	T	Carbazole	1.102	1.159	-5.2	107	0.00
69	T	Di-n-butylphthalate	1.533	1.630	-6.3	105	0.00
70	CT	Fluoranthene	1.133	1.163	-2.6	104	0.00
71	I	Chrysene-d12 (IS)	1.000	1.000	0.0	107	0.00
72	M	Pyrene	1.447	1.488	-2.8	107	0.00
73	T	2,2'-Dichlorobenzil	1.047	1.117	-6.7	106	0.00
74	S	Terphenyl-d14 (SU)	1.106	1.107	-0.1	104	0.00
75	T	Benzidine	0.416	0.493	-18.5	110	0.00
76	T	Butylbenzylphthalate	0.663	0.713	-7.5	107	0.00
77	T	3,3'-Dichlorobenzidine	0.405	0.430	-6.2	106	0.00
78	T	Benzo[a]anthracene	1.028	1.047	-1.8	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D
Acq On : 15 Nov 2007 4:59 pm
Sample : 50ppm MP STD #7100431
Misc : ICAL -- 8270/625
MS Integration Params: RTEINT.P

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

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
79	T	Chrysene	1.006	1.002	0.4	109	0.00
80	T	bis(2-Ethylhexyl)phthalate	0.806	0.845	-4.8	105	0.00
81	CT	Di-n-octylphthalate	0.983	1.021	-3.9#	107	0.00
82	I	Perylene-d12 (IS)	1.000	1.000	0.0	110	0.00
83	T	Benzo[b]fluoranthene	1.384	1.638	-18.4	109	0.00
84	T	Benzo[k]fluoranthene	1.321	1.542	-16.7	106	0.00
85	CT	Benzo[a]pyrene	1.157	1.361	-17.6	109	0.00
86	T	Indeno[1,2,3-cd]pyrene	1.104	1.214	-10.0	110	0.00
87	T	Dibenz[a,h]anthracene	1.128	1.192	-5.7	103	0.00
88	T	Benzo[g,h,i]perylene	1.160	1.237	-6.6	109	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1
SSTD050A.D G7K15SV.M Thu Nov 15 17:33:59 2007 Page 3

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D Vial: 2
Acq On : 15 Nov 2007 4:59 pm Operator: DF/AI
Sample : 50ppm MP STD #7100431 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107 Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.39	152	589204	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.26	136	2269592	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	1056927	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1247819	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	973219	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	564689	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.88	112	1205515	50.68	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 50.68%			
7) Phenol-d6 (SU)	7.80	99	1319202	51.32	ppm	0.00
Spiked Amount 100.000	Range 40 - 120		Recovery = 51.32%			
21) Nitrobenzene-d5 (SU)	9.69	82	1014110	50.40	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 100.80%			
40) 2-Fluorobiphenyl (SU)	13.90	172	1898469	50.96	ppm	0.00
Spiked Amount 50.000	Range 40 - 120		Recovery = 101.92%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	352591	55.51	ppm	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 55.51%			
74) Terphenyl-d14 (SU)	21.61	244	1346211	50.03	ppm	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 100.06%			
Target Compounds						Qvalue
3) Pyridine	3.70	79	1320395	51.40	ppm	99
4) n-Nitrosodimethylamine	3.71	74	795998	50.53	ppm	98
5) bis(2-Chloroethyl)ether	7.98	93	1233074	53.78	ppm	100
6) Aniline	7.81	93	1653738	51.35	ppm	100
8) Phenol	7.82	94	1474594	50.18	ppm	99
9) 2-Chlorophenol	8.02	128	1101336	52.53	ppm	99
10) n-Decane	8.17	57	922693	48.58	ppm	99
11) 1,3-Dichlorobenzene	8.31	146	1198750	50.64	ppm	100
12) 1,4-Dichlorobenzene	8.43	146	1203303	51.50	ppm	99
13) 1,2-Dichlorobenzene	8.83	146	1133266	53.76	ppm	99
14) Benzyl alcohol	8.80	108	704488	56.82	ppm	100
15) bis(2-chloroisopropyl)ethe	9.16	45	1036309	55.27	ppm	98
16) 2-Methylphenol	9.11	107	824067	53.89	ppm	99
17) Hexachloroethane	9.49	117	417979	51.87	ppm	100
18) N-Nitroso-di-n-propylamine	9.49	70	670050	54.95	ppm	99
19) 4-Methylphenol	9.46	107	1187336	56.38	ppm	99
22) Nitrobenzene	9.74	77	996122	50.43	ppm	99
23) Isophorone	10.30	82	1871585	52.43	ppm	100
24) 2-Nitrophenol	10.46	139	611410	53.34	ppm	99
25) 2,4-Dimethylphenol	10.65	122	930109	51.54	ppm	99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D Vial: 2
Acq On : 15 Nov 2007 4:59 pm Operator: DF/AI
Sample : 50ppm MP STD #7100431 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107 Quant Results File: G7K15SV.RES

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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.88	93	1354931	52.39	ppm		100
27)	2,4-Dichlorophenol	11.01	162	826478	51.63	ppm		100
28)	1,2,4-Trichlorobenzene	11.19	180	815173	48.88	ppm		98
29)	Benzoic Acid	11.03	122	543504	52.08	ppm		99
30)	Naphthalene	11.31	128	2726142	50.01	ppm		100
31)	4-Chloroaniline	11.54	127	1229001	52.47	ppm		99
32)	Hexachlorobutadiene	11.78	225	431418	46.50	ppm		98
33)	4-Chloro-3-methylphenol	12.74	107	810108	53.65	ppm		99
34)	2-Methylnaphthalene	12.94	141	1458731	51.44	ppm		97
35)	2,3-Dichloroaniline	13.71	161	874881	49.16	ppm		99
37)	Hexachlorocyclopentadiene	13.49	237	359304	48.40	ppm		99
38)	2,4,6-Trichlorophenol	13.70	196	498678	53.40	ppm		98
39)	2,4,5-Trichlorophenol	13.77	196	575270	53.03	ppm		99
41)	2-Chloronaphthalene	14.07	162	1647384	51.74	ppm		100
42)	2-Nitroaniline	14.44	65	432955	54.44	ppm		99
43)	1,3-Dinitrobenzene	15.00	168	300225	45.41	ppm	#	41
44)	Acenaphthylene	15.05	152	2190357	48.93	ppm		99
45)	Dimethylphthalate	15.03	163	1645414	50.21	ppm		99
46)	2,6-Dinitrotoluene	15.16	165	448232	52.31	ppm		99
47)	Acenaphthene	15.50	154	1430427	51.09	ppm		99
48)	3-Nitroaniline	15.44	138	503263	54.80	ppm		99
49)	2,4-Dinitrophenol	15.68	184	189888	46.42	ppm		100
50)	Dibenzofuran	15.88	168	2108847	50.00	ppm		98
51)	2,4-Dinitrotoluene	16.06	165	557889	50.05	ppm		99
52)	4-Nitrophenol	15.91	109	146866	47.92	ppm		97
53)	Fluorene	16.69	166	1680976	51.60	ppm		99
54)	4-Chlorophenyl-phenylether	16.76	204	748014	50.29	ppm		99
55)	Diethylphthalate	16.73	149	1686822	51.56	ppm		100
56)	Azobenzene	17.13	77	1875000	53.49	ppm		100
57)	4-Nitroaniline	16.92	138	473168	50.71	ppm		99
58)	n-Octadecane	18.81	57	699568	50.25	ppm		98
60)	4,6-Dinitro-2-methylphenol	17.01	198	265448	57.16	ppm		100
61)	n-Nitrosodiphenylamine	17.08	169	1238577	56.63	ppm		100
63)	4-Bromophenyl-phenylether	17.90	248	531700	51.88	ppm		98
64)	Hexachlorobenzene	18.18	284	670904	50.13	ppm		100
65)	Pentachlorophenol	18.59	266	387575	49.63	ppm		99
66)	Phenanthrene	18.87	178	2096851	52.12	ppm		100
67)	Anthracene	18.96	178	2114369	52.37	ppm		99
68)	Carbazole	19.33	167	1807095	52.57	ppm		100
69)	Di-n-butylphthalate	20.16	149	2542747	53.18	ppm		100
70)	Fluoranthene	20.98	202	1814480	51.34	ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D Vial: 2
Acq On : 15 Nov 2007 4:59 pm Operator: DF/AI
Sample : 50ppm MP STD #7100431 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107 Quant Results File: G7K15SV.RES

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

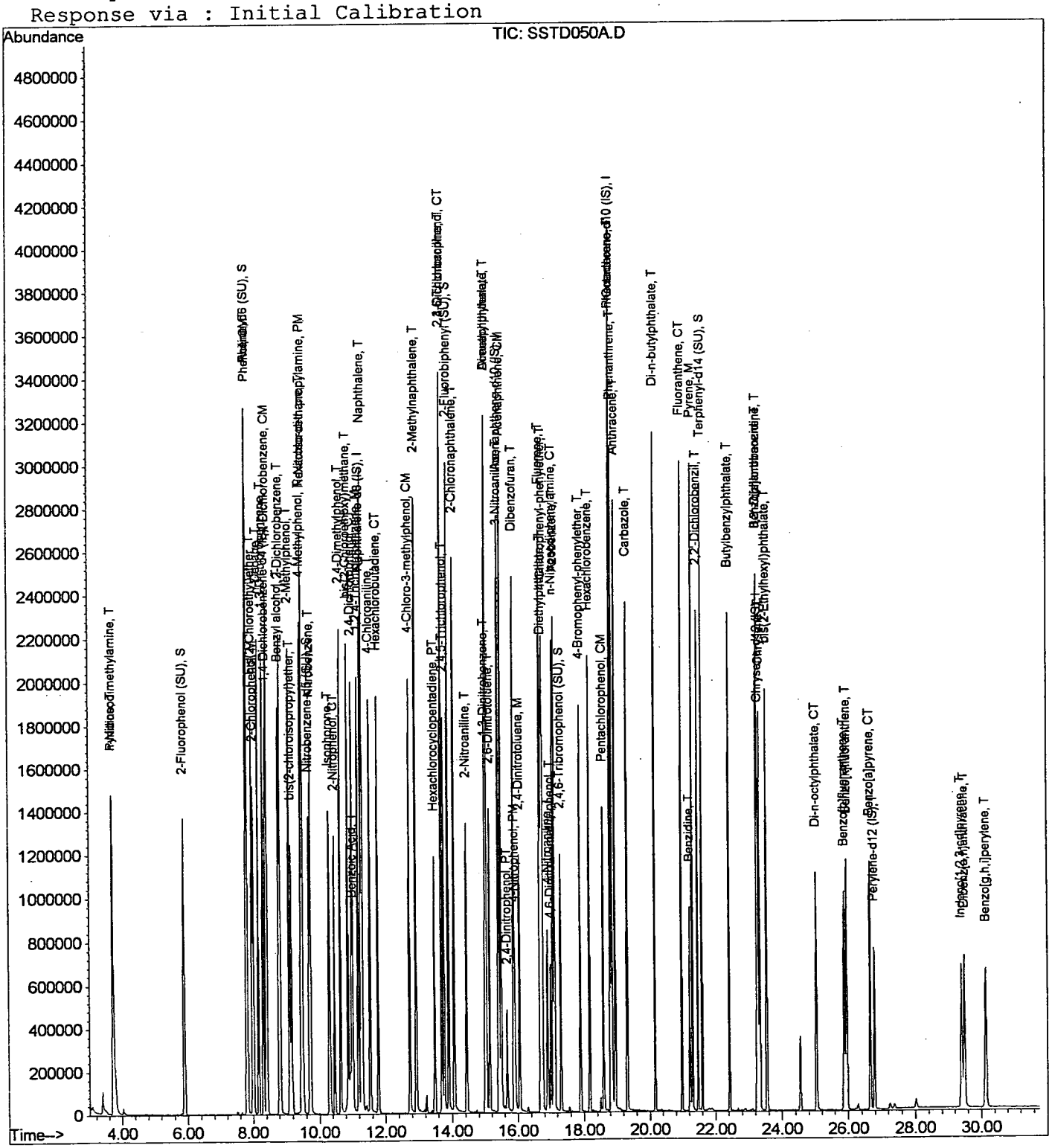
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.31	202	1810779	51.44 ppm	99
73) 2,2'-Dichlorobenzil	21.47	139	1358831	53.34 ppm	100
75) Benzidine	21.22	184	599287	59.21 ppm	99
76) Butylbenzylphthalate	22.43	149	867189	53.76 ppm	99
77) 3,3'-Dichlorobenzidine	23.27	252	522743	53.10 ppm	98
78) Benzo[a]anthracene	23.26	228	1273868	50.93 ppm	100
79) Chrysene	23.34	228	1218511	49.77 ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1027897	52.43 ppm	99
81) Di-n-octylphthalate	25.04	149	1241639	51.91 ppm	99
83) Benzo[b]fluoranthene	25.89	252	1156434	59.20 ppm	99
84) Benzo[k]fluoranthene	25.96	252	1088468	58.39 ppm	98
85) Benzo[a]pyrene	26.66	252	960726	58.82 ppm	99
86) Indeno[1,2,3-cd]pyrene	29.41	276	856816	54.98 ppm	96
87) Dibenz[a,h]anthracene	29.49	278	841063	52.81 ppm	96
88) Benzo[g,h,i]perylene	30.14	276	873352	53.31 ppm	98

(#) = qualifier out of range (m) = manual integration
SSTD050A.D G7K15SV.M Thu Nov 15 17:32:21 2007 Page 3

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\SSTD050A.D Vial: 2
Acq On : 15 Nov 2007 4:59 pm Operator: DF/AI
Sample : 50ppm MP STD #7100431 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 17:32 19107 Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115007.D
Acq On : 15 Nov 2007 9:29 pm
Sample : IQK1137-05
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:00 19107

Vial: 9
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00
Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	835661	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.26	136	3119764	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1512542	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	2050200	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	1657953	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	1107365	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.96	112	2128390	63.09	ppm	0.07
Spiked Amount 100.000	Range 25 - 120		Recovery =	63.09%		
7) Phenol-d6 (SU)	7.83	99	2809182	77.05	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery =	77.05%		
21) Nitrobenzene-d5 (SU)	9.70	82	959973	34.71	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery =	69.42%		
40) 2-Fluorobiphenyl (SU)	13.89	172	1995882	37.43	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery =	74.86%		
62) 2,4,6-Tribromophenol (SU)	17.31	330	873047	83.65	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery =	83.65%		
74) Terphenyl-d14 (SU)	21.61	244	1660861	36.23	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery =	72.46%		
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.70	70	117849	~~6.81~~	ppm	# NSW 73
29) Benzoic Acid	10.79	122	3073	7.38	ppm	# 86
45) Dimethylphthalate	15.41	163	324241	~~6.91~~	ppm	# NSW 1
46) 2,6-Dinitrotoluene	15.41	165	191334	~~15.60~~	ppm	# 37
60) 4,6-Dinitro-2-methylphenol	17.30	198	1025	~~2.34~~	ppm	# 1
75) Benzidine	21.61	184	14210	~~0.82~~	ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1115007.D G7K15SV.M Thu Nov 15 22:01:03 2007 Page 1

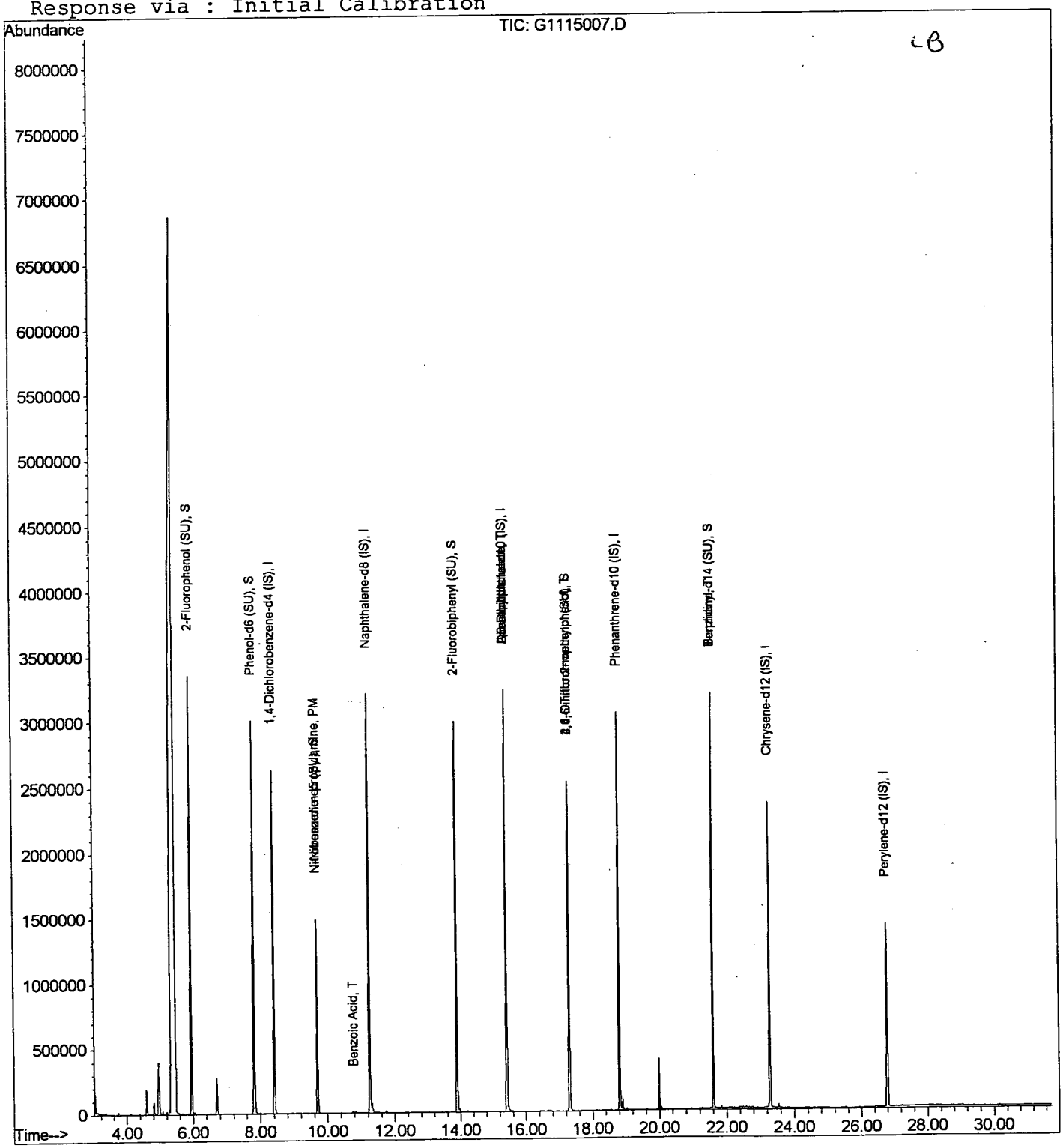
Quantitation Report

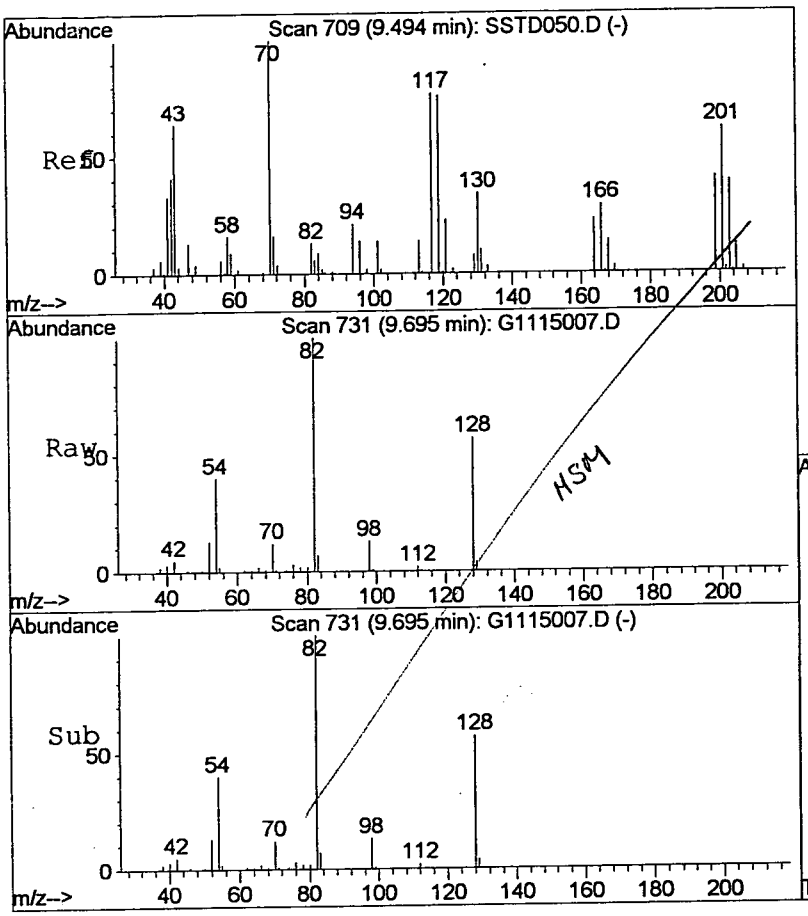
Data File : C:\GCMS62\DATA\07NOV15\G1115007.D
Acq On : 15 Nov 2007 9:29 pm
Sample : IQK1137-05
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:00 19107

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

Quant Results File: G7K15SV.RES

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

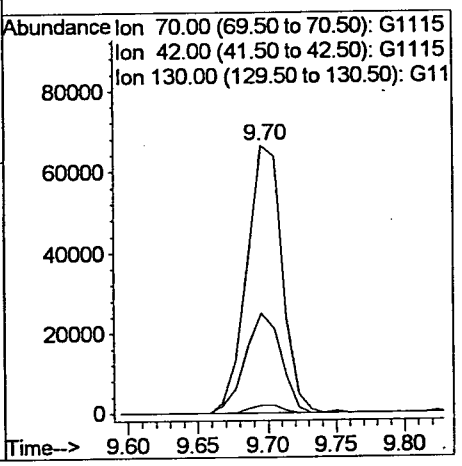


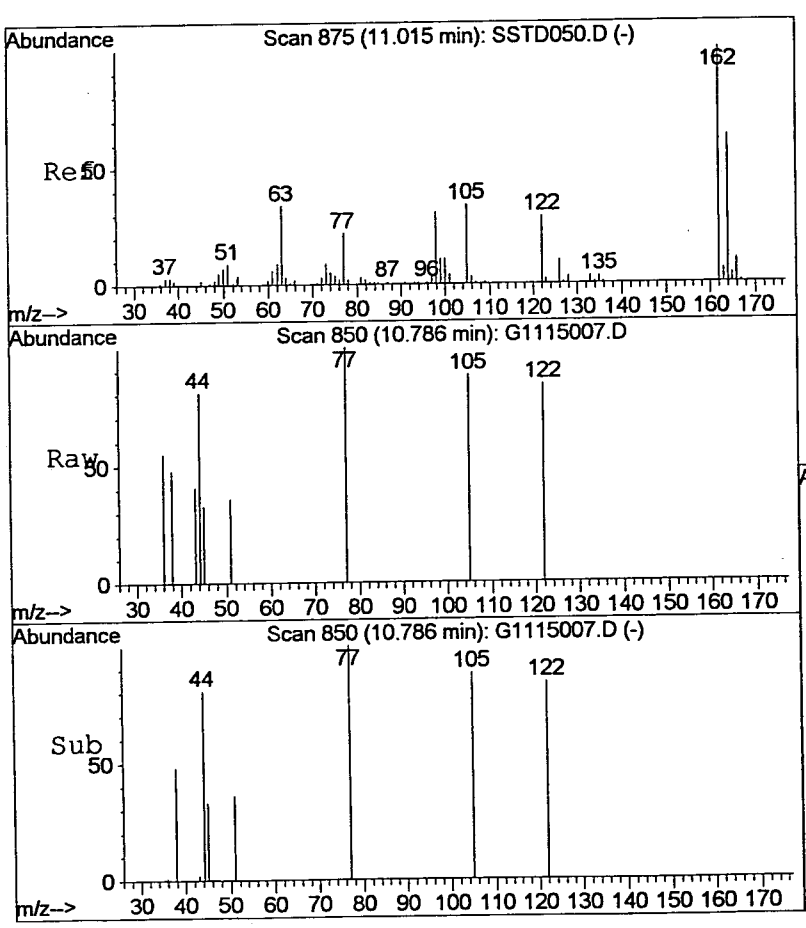


#18
N-Nitroso-di-n-propylamine
Concen: 6.81 ppm
RT: 9.70 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion: 70 Resp: 117849

Ion	Ratio	Lower	Upper
70	100		
42	38.0	22.2	62.2
130	2.6	12.8	52.8#

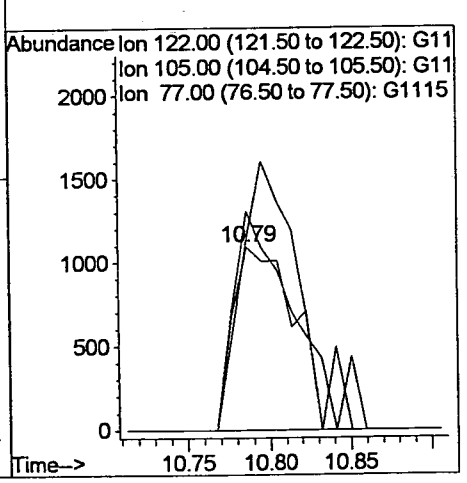


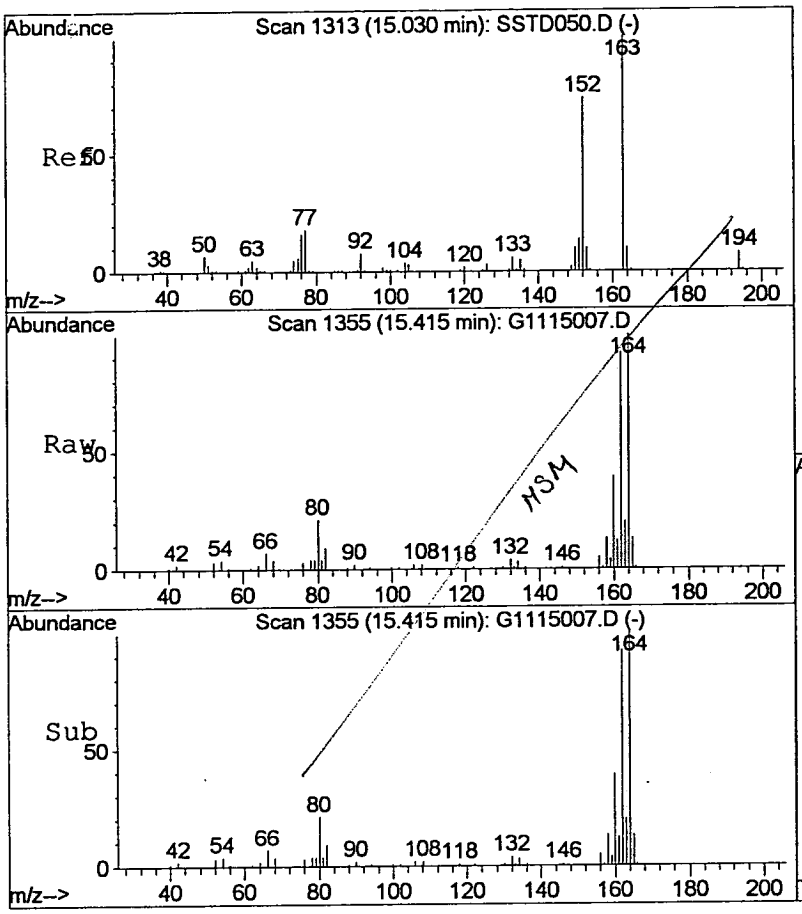


#29
Benzoic Acid
Concen: 7.38 ppm
RT: 10.79 min Scan# 850
Delta R.T. -0.23 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion:122 Resp: 3073

Ion	Ratio	Lower	Upper
122	100		
105	117.1	94.6	134.6
77	102.4	55.3	95.3#

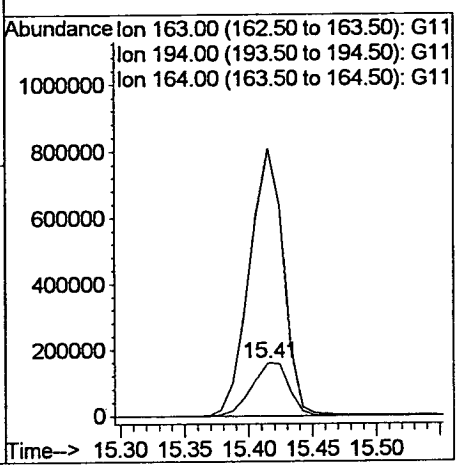


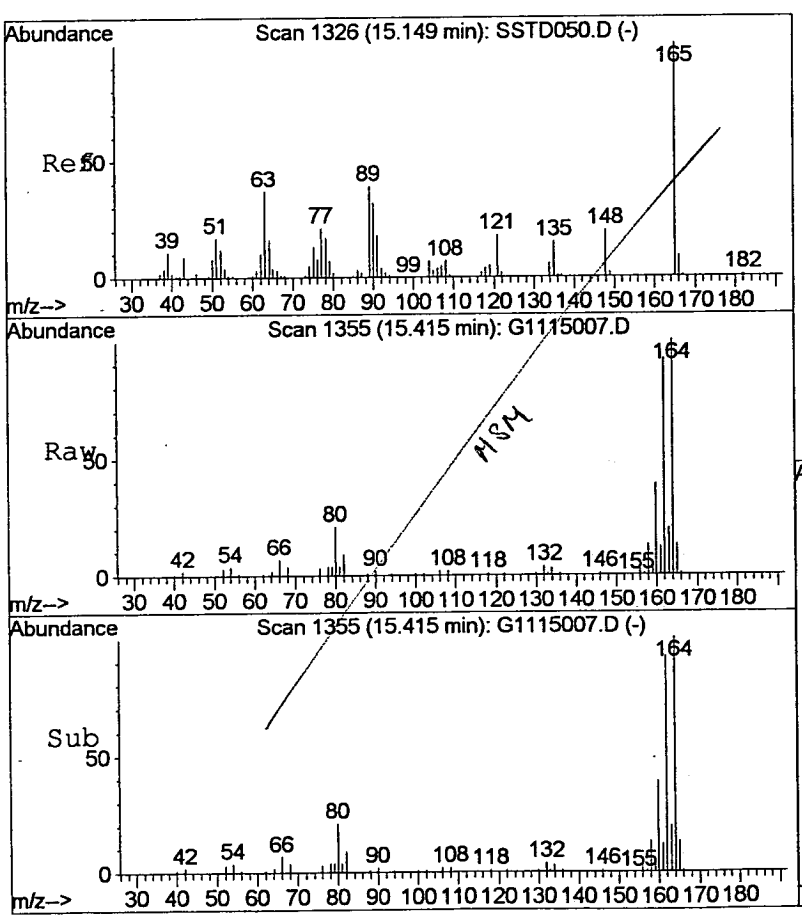


#45
Dimethylphthalate
Concen: 6.91 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.38 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion:163 Resp: 324241

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	462.4	0.0	29.8#

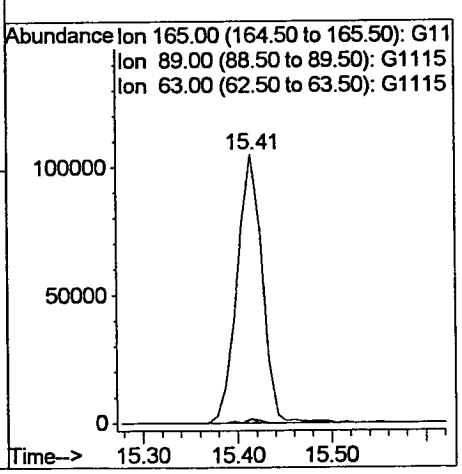


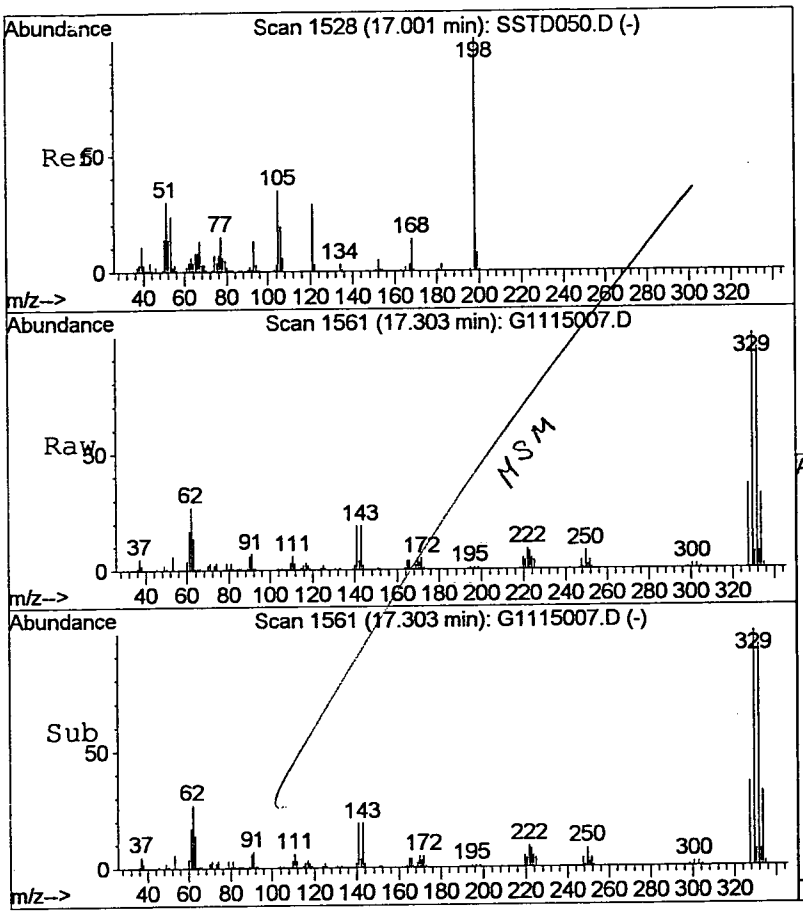


#46
2,6-Dinitrotoluene
Concen: 15.60 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.27 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion:165 Resp: 191334

Ion	Ratio	Lower	Upper
165	100		
89	0.9	18.7	58.7#
63	0.6	20.3	60.3#

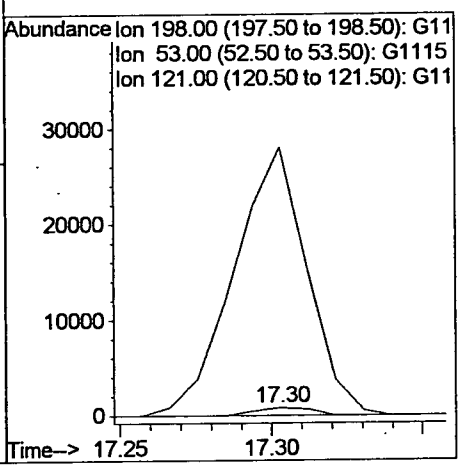


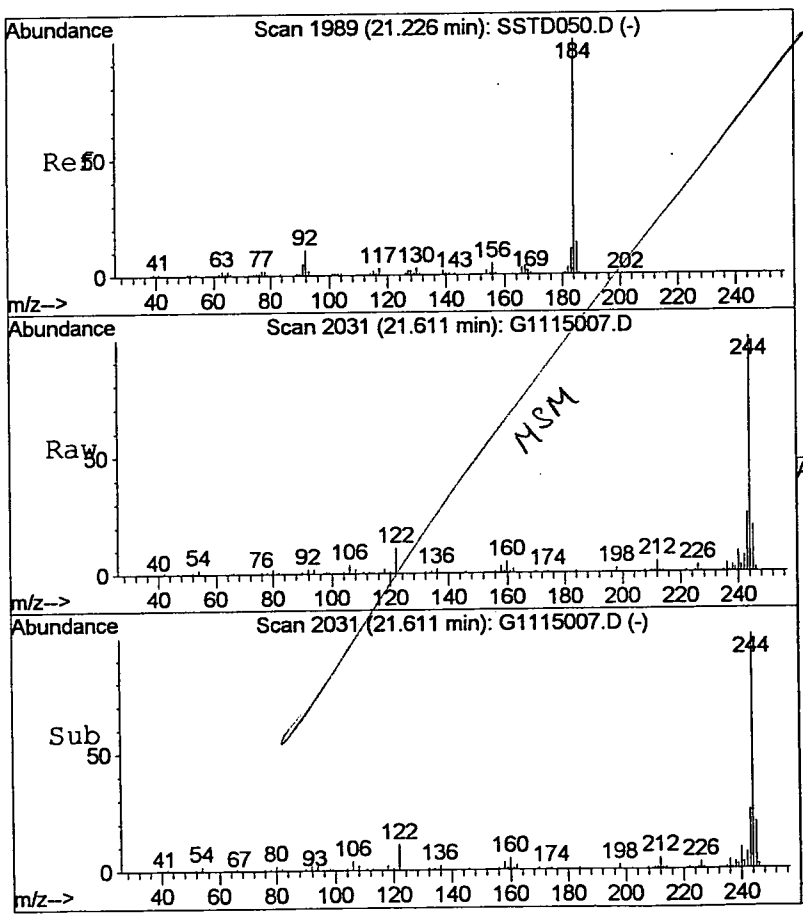


#60
4,6-Dinitro-2-methylphenol
Concen: 2.34 ppm
RT: 17.30 min Scan# 1561
Delta R.T. 0.30 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion:198 Resp: 1025

Ion	Ratio	Lower	Upper
198	100		
53	4601.0	3.7	43.7#
121	0.0	6.9	46.9#

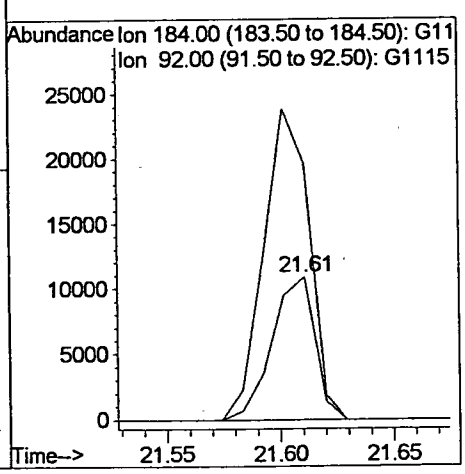




#75
Benzidine
Concen: 0.82 ppm
RT: 21.61 min Scan# 2031
Delta R.T. 0.38 min
Lab File: G1115007.D
Acq: 15 Nov 2007 9:29 pm

Tgt Ion:184 Resp: 14210

Ion	Ratio	Lower	Upper
184	100		
92	231.9	0.0	31.6#



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D
Acq On : 15 Nov 2007 10:07 pm
Sample : 7K12065-MS1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107

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

Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.42	152	783600	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.27	136	2871749	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.42	164	1367335	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1662260	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.30	240	1464355	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	1065213	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.96	112	2212867	69.95	ppm	0.08
Spiked Amount 100.000	Range 25 - 120		Recovery = 69.95%			
7) Phenol-d6 (SU)	7.84	99	2671399	78.14	ppm	0.04
Spiked Amount 100.000	Range 30 - 120		Recovery = 78.14%			
21) Nitrobenzene-d5 (SU)	9.71	82	978752	38.44	ppm	0.01
Spiked Amount 50.000	Range 30 - 120		Recovery = 76.88%			
40) 2-Fluorobiphenyl (SU)	13.90	172	1976509	41.01	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 82.02%			
62) 2,4,6-Tribromophenol (SU)	17.32	330	855317	101.08	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 101.08%			
74) Terphenyl-d14 (SU)	21.61	244	1599238	39.50	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 79.00%			
Target Compounds						Qvalue
3) Pyridine	3.78	79	875937	25.64	ppm	99
4) n-Nitrosodimethylamine	3.77	74	681215	32.52	ppm	98
5) bis(2-Chloroethyl)ether	8.00	93	1259133	41.30	ppm #	87
6) Aniline	7.83	93	1424442	33.26	ppm	90
8) Phenol	7.87	94	1572285	40.23	ppm	95
9) 2-Chlorophenol	8.05	128	1130172	40.53	ppm	99
10) n-Decane	8.19	57	796120	31.51	ppm	99
11) 1,3-Dichlorobenzene	8.33	146	1137465	36.13	ppm	98
12) 1,4-Dichlorobenzene	8.45	146	1170202	37.66	ppm	99
13) 1,2-Dichlorobenzene	8.85	146	1101542	39.29	ppm	99
14) Benzyl alcohol	8.82	108	760871	46.14	ppm	98
15) bis(2-chloroisopropyl)ethe	9.17	45	1057587	42.41	ppm	97
16) 2-Methylphenol	9.12	107	857979	42.19	ppm	99
17) Hexachloroethane	9.51	117	399780	37.30	ppm	98
18) N-Nitroso-di-n-propylamine	9.50	70	660034	40.70	ppm	100
19) 4-Methylphenol	9.46	107	1300185	46.42	ppm	100
22) Nitrobenzene	9.75	77	990160	39.61	ppm	97
23) Isophorone	10.30	82	1866370	41.32	ppm	98
24) 2-Nitrophenol	10.47	139	633675	43.69	ppm	98
25) 2,4-Dimethylphenol	10.65	122	924779	40.50	ppm	99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D Vial: 10
Acq On : 15 Nov 2007 10:07 pm Operator: DF/AI
Sample : 7K12065-MS1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107 Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.88	93	1327745	40.58	ppm		99
27) 2,4-Dichlorophenol	11.01	162	896187	44.25	ppm		99
28) 1,2,4-Trichlorobenzene	11.19	180	859491	40.73	ppm		99
29) Benzoic Acid	10.96	122	304299	27.05	ppm		98
30) Naphthalene	11.31	128	2820381	40.89	ppm		100
31) 4-Chloroaniline	11.54	127	885026	29.86	ppm		98
32) Hexachlorobutadiene	11.78	225	466204	39.72	ppm		98
33) 4-Chloro-3-methylphenol	12.74	107	877968	45.95	ppm		98
34) 2-Methylnaphthalene	12.94	141	1551707	43.24	ppm		99
35) 2,3-Dichloroaniline	13.71	161	781968	34.73	ppm		100
37) Hexachlorocyclopentadiene	13.49	237	458088	47.74	ppm		99
38) 2,4,6-Trichlorophenol	13.70	196	553242	45.79	ppm		97
39) 2,4,5-Trichlorophenol	13.77	196	664284	47.33	ppm		99
41) 2-Chloronaphthalene	14.06	162	1777201	43.15	ppm		100
42) 2-Nitroaniline	14.44	65	466275	45.32	ppm		98
43) 1,3-Dinitrobenzene	15.01	168	363630	42.39	ppm	#	43
44) Acenaphthylene	15.04	152	2737683	47.27	ppm		100
45) Dimethylphthalate	15.02	163	1871806	44.16	ppm		100
46) 2,6-Dinitrotoluene	15.15	165	496680	44.81	ppm		98
47) Acenaphthene	15.50	154	1585668	43.78	ppm		99
48) 3-Nitroaniline	15.44	138	333695	28.09	ppm		97
49) 2,4-Dinitrophenol	15.68	184	138513	30.34	ppm		98
50) Dibenzofuran	15.88	168	2423966	44.42	ppm		79
51) 2,4-Dinitrotoluene	16.06	165	639928	44.38	ppm		99
52) 4-Nitrophenol	15.92	109	177905	45.09	ppm	#	1
53) Fluorene	16.69	166	1850691	43.91	ppm		99
54) 4-Chlorophenyl-phenylether	16.76	204	858740	44.62	ppm		97
55) Diethylphthalate	16.73	149	1862909	44.01	ppm		99
56) Azobenzene	17.12	77	2004870	44.21	ppm		98
57) 4-Nitroaniline	16.91	138	469731	38.92	ppm		100
58) n-Octadecane	18.81	57	766080	42.54	ppm		99
60) 4,6-Dinitro-2-methylphenol	17.00	198	278379	47.42	ppm		99
61) n-Nitrosodiphenylamine	17.08	169	1375567	47.21	ppm		99
63) 4-Bromophenyl-phenylether	17.89	248	647681	47.44	ppm		99
64) Hexachlorobenzene	18.18	284	809465	45.40	ppm		99
65) Pentachlorophenol	18.60	266	510425	49.06	ppm		100
66) Phenanthrene	18.87	178	2465976	46.01	ppm		100
67) Anthracene	18.96	178	2518341	46.82	ppm		99
68) Carbazole	19.32	167	2212464	48.32	ppm		99
69) Di-n-butylphthalate	20.17	149	3030302	47.57	ppm		100
70) Fluoranthene	20.97	202	2246336	47.71	ppm		99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D Vial: 10
Acq On : 15 Nov 2007 10:07 pm Operator: DF/AI
Sample : 7K12065-MS1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107 Quant Results File: G7K15SV.RES

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

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72)	Pyrene	21.31	202	2233085	42.16	ppm	99
73)	2,2'-Dichlorobenzil	21.48	139	1652090	43.10	ppm	99
75)	Benzidine	21.23	184	22806	1.50	ppm	100
76)	Butylbenzylphthalate	22.43	149	1122200	46.23	ppm	99
77)	3,3'-Dichlorobenzidine	23.27	252	481664	32.52	ppm	95
78)	Benzo[a]anthracene	23.26	228	1779872	47.30	ppm	99
79)	Chrysene	23.35	228	1708620	46.38	ppm	100
80)	bis(2-Ethylhexyl)phthalate	23.55	149	1414940	47.97	ppm	99
81)	Di-n-octylphthalate	25.03	149	1830639	50.86	ppm	99
83)	Benzo[b]fluoranthene	25.90	252	1887817	51.23	ppm	97
84)	Benzo[k]fluoranthene	25.97	252	1879676	53.45	ppm	98
85)	Benzo[a]pyrene	26.67	252	1730174	56.16	ppm	100
86)	Indeno[1,2,3-cd]pyrene	29.42	276	1581810	53.81	ppm	99
87)	Dibenz[a,h]anthracene	29.50	278	1632500	54.34	ppm	99
88)	Benzo[g,h,i]perylene	30.15	276	1595509	51.63	ppm	100

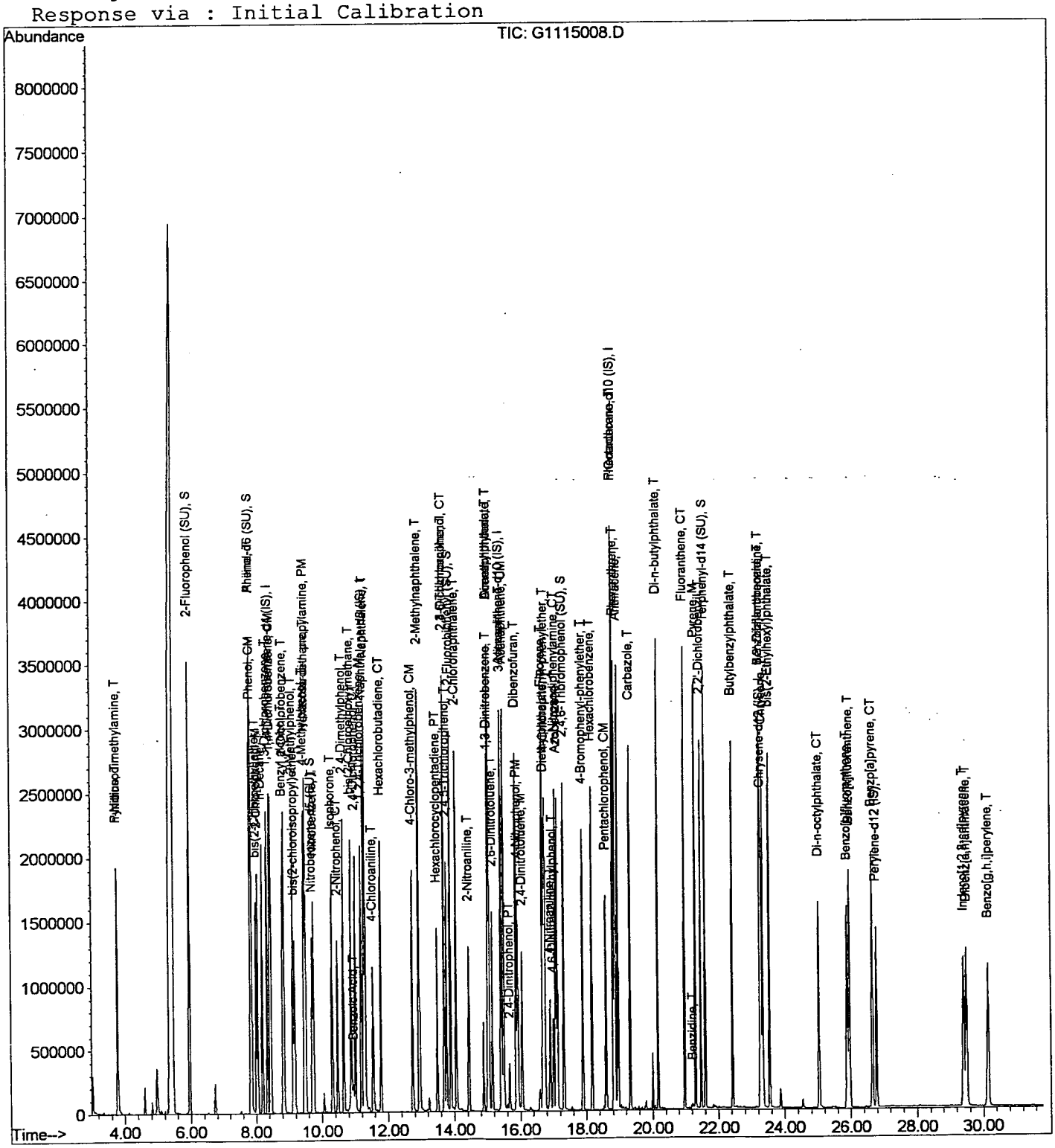
(#) = qualifier out of range (m) = manual integration

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D
Acq On : 15 Nov 2007 10:07 pm
Sample : 7K12065-MS1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D Vial: 10
Acq On : 15 Nov 2007 10:07 pm Operator: DF/AI
Sample : 7K12065-MS1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107 Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.42	152	783600	40.00	ppm		0.02
20) Naphthalene-d8 (IS)	11.27	136	2871749	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	15.42	164	1367335	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	18.82	188	1662260	40.00	ppm		0.00
71) Chrysene-d12 (IS)	23.30	240	1464355	40.00	ppm		0.00
82) Perylene-d12 (IS)	26.78	264	1065213	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.96	112	2212867	69.95	ppm		0.08
Spiked Amount 100.000	Range 25 - 120		Recovery = 69.95%				
7) Phenol-d6 (SU)	7.84	99	2671399	78.14	ppm		0.04
Spiked Amount 100.000	Range 30 - 120		Recovery = 78.14%				
21) Nitrobenzene-d5 (SU)	9.71	82	978752	38.44	ppm		0.01
Spiked Amount 50.000	Range 30 - 120		Recovery = 76.88%				
40) 2-Fluorobiphenyl (SU)	13.90	172	1976509	41.01	ppm		0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 82.02%				
62) 2,4,6-Tribromophenol (SU)	17.32	330	855317	101.08	ppm		0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 101.08%				
74) Terphenyl-d14 (SU)	21.61	244	1599238	39.50	ppm		0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 79.00%				
Target Compounds							Qvalue
3) Pyridine	3.78	79	875937	25.64	ppm		99
4) n-Nitrosodimethylamine	3.77	74	681215	32.52	ppm		98
5) bis(2-Chloroethyl)ether	8.00	93	1259133	41.30	ppm	#	87
6) Aniline	7.83	93	1424442	33.26	ppm		90
8) Phenol	7.87	94	1572285	40.23	ppm		95
9) 2-Chlorophenol	8.05	128	1130172	40.53	ppm		99
10) n-Decane	8.19	57	796120	31.51	ppm		99
11) 1,3-Dichlorobenzene	8.33	146	1137465	36.13	ppm		98
12) 1,4-Dichlorobenzene	8.45	146	1170202	37.66	ppm		99
13) 1,2-Dichlorobenzene	8.85	146	1101542	39.29	ppm		99
14) Benzyl alcohol	8.82	108	760871	46.14	ppm		98
15) bis(2-chloroisopropyl)ethe	9.17	45	1057587	42.41	ppm		97
16) 2-Methylphenol	9.12	107	857979	42.19	ppm		99
17) Hexachloroethane	9.51	117	399780	37.30	ppm		98
18) N-Nitroso-di-n-propylamine	9.50	70	660034	40.70	ppm		100
19) 4-Methylphenol	9.46	107	1300185	46.42	ppm		100
22) Nitrobenzene	9.75	77	990160	39.61	ppm		97
23) Isophorone	10.30	82	1866370	41.32	ppm		98
24) 2-Nitrophenol	10.47	139	633675	43.69	ppm		98
25) 2,4-Dimethylphenol	10.65	122	924779	40.50	ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D
Acq On : 15 Nov 2007 10:07 pm
Sample : 7K12065-MS1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107

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

Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.88	93	1327745	40.58	ppm		99
27) 2,4-Dichlorophenol	11.01	162	896187	44.25	ppm		99
28) 1,2,4-Trichlorobenzene	11.19	180	859491	40.73	ppm		99
29) Benzoic Acid	10.96	122	304299	27.05	ppm		98
30) Naphthalene	11.31	128	2820381	40.89	ppm		100
31) 4-Chloroaniline	11.54	127	885026	29.86	ppm		98
32) Hexachlorobutadiene	11.78	225	466204	39.72	ppm		98
33) 4-Chloro-3-methylphenol	12.74	107	877968	45.95	ppm		98
34) 2-Methylnaphthalene	12.94	141	1551707	43.24	ppm		99
35) 2,3-Dichloroaniline	13.71	161	781968	34.73	ppm		100
37) Hexachlorocyclopentadiene	13.49	237	458088	47.74	ppm		99
38) 2,4,6-Trichlorophenol	13.70	196	553242	45.79	ppm		97
39) 2,4,5-Trichlorophenol	13.77	196	664284	47.33	ppm		99
41) 2-Chloronaphthalene	14.06	162	1777201	43.15	ppm		100
42) 2-Nitroaniline	14.44	65	466275	45.32	ppm		98
43) 1,3-Dinitrobenzene	15.01	168	363630	42.39	ppm	#	43
44) Acenaphthylene	15.04	152	2737683	47.27	ppm		100
45) Dimethylphthalate	15.02	163	1871806	44.16	ppm		100
46) 2,6-Dinitrotoluene	15.15	165	496680	44.81	ppm		98
47) Acenaphthene	15.50	154	1585668	43.78	ppm		99
48) 3-Nitroaniline	15.44	138	333695	28.09	ppm		97
49) 2,4-Dinitrophenol	15.68	184	138513	30.34	ppm		98
50) Dibenzofuran	15.88	168	2423966	44.42	ppm		79
51) 2,4-Dinitrotoluene	16.06	165	639928	44.38	ppm		99
52) 4-Nitrophenol	15.92	109	177905	45.09	ppm	#	1
53) Fluorene	16.69	166	1850691	43.91	ppm		99
54) 4-Chlorophenyl-phenylether	16.76	204	858740	44.62	ppm		97
55) Diethylphthalate	16.73	149	1862909	44.01	ppm		99
56) Azobenzene	17.12	77	2004870	44.21	ppm		98
57) 4-Nitroaniline	16.91	138	469731	38.92	ppm		100
58) n-Octadecane	18.81	57	766080	42.54	ppm		99
60) 4,6-Dinitro-2-methylphenol	17.00	198	278379	47.42	ppm		99
61) n-Nitrosodiphenylamine	17.08	169	1375567	47.21	ppm		99
63) 4-Bromophenyl-phenylether	17.89	248	647681	47.44	ppm		99
64) Hexachlorobenzene	18.18	284	809465	45.40	ppm		99
65) Pentachlorophenol	18.60	266	510425	49.06	ppm		100
66) Phenanthrene	18.87	178	2465976	46.01	ppm		100
67) Anthracene	18.96	178	2518341	46.82	ppm		99
68) Carbazole	19.32	167	2212464	48.32	ppm		99
69) Di-n-butylphthalate	20.17	149	3030302	47.57	ppm		100
70) Fluoranthene	20.97	202	2246336	47.71	ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D Vial: 10
Acq On : 15 Nov 2007 10:07 pm Operator: DF/AI
Sample : 7K12065-MS1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107 Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Pyrene	21.31	202	2233085	42.16 ppm	99
73) 2,2'-Dichlorobenzil	21.48	139	1652090	43.10 ppm	99
75) Benzidine	21.23	184	22806	1.50 ppm	100
76) Butylbenzylphthalate	22.43	149	1122200	46.23 ppm	99
77) 3,3'-Dichlorobenzidine	23.27	252	481664	32.52 ppm	95
78) Benzo[a]anthracene	23.26	228	1779872	47.30 ppm	99
79) Chrysene	23.35	228	1708620	46.38 ppm	100
80) bis(2-Ethylhexyl)phthalate	23.55	149	1414940	47.97 ppm	99
81) Di-n-octylphthalate	25.03	149	1830639	50.86 ppm	99
83) Benzo[b]fluoranthene	25.90	252	1887817	51.23 ppm	97
84) Benzo[k]fluoranthene	25.97	252	1879676	53.45 ppm	98
85) Benzo[a]pyrene	26.67	252	1730174	56.16 ppm	100
86) Indeno[1,2,3-cd]pyrene	29.42	276	1581810	53.81 ppm	99
87) Dibenz[a,h]anthracene	29.50	278	1632500	54.34 ppm	99
88) Benzo[g,h,i]perylene	30.15	276	1595509	51.63 ppm	100

(#) = qualifier out of range (m) = manual integration
G1115008.D G7K15SV.M Thu Nov 15 22:39:30 2007 Page 3

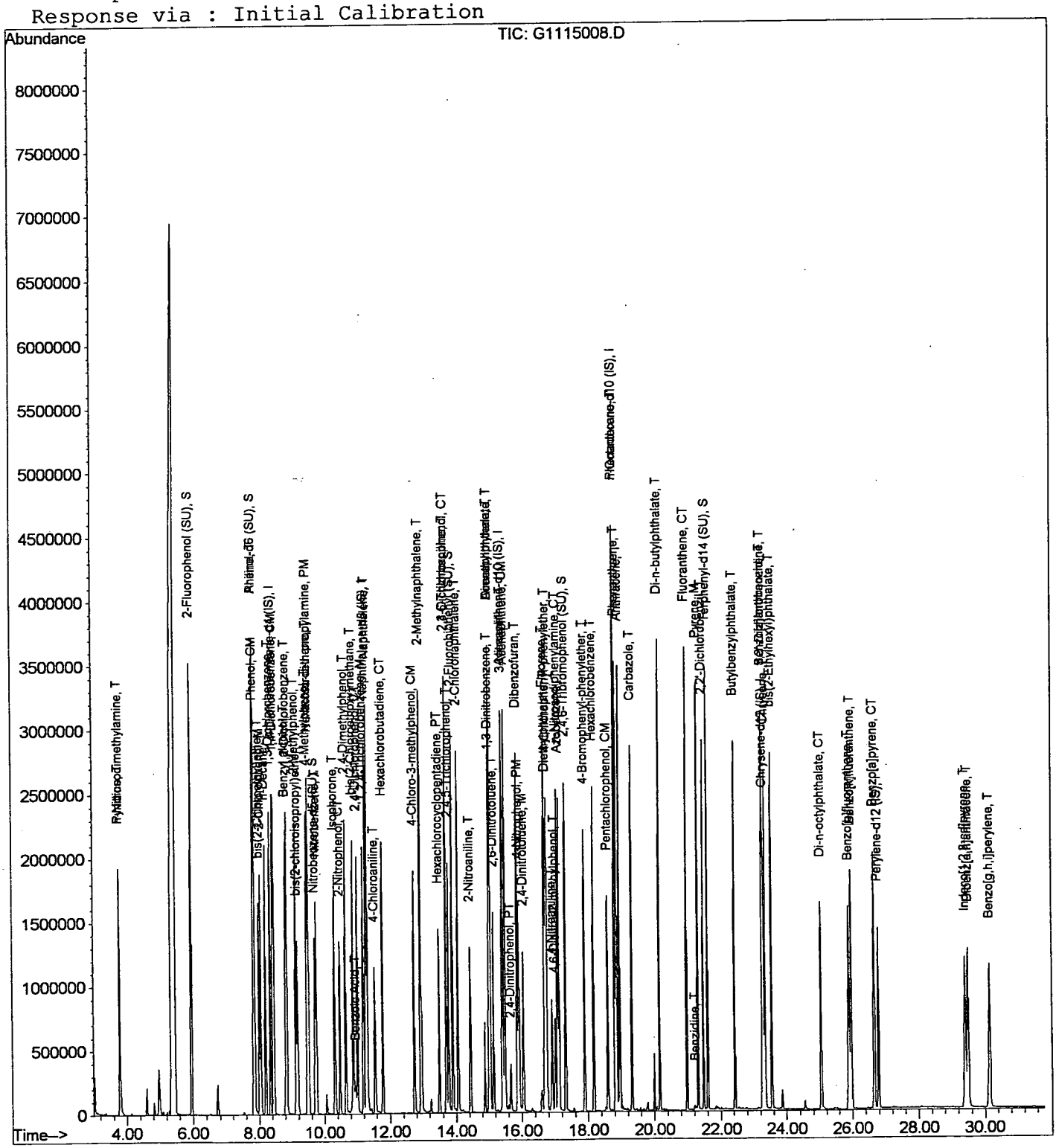
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\G1115008.D
Acq On : 15 Nov 2007 10:07 pm
Sample : 7K12065-MS1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 22:39 19107

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

Quant Results File: G7K15SV.RES

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



Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	804588	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	11.26	136	3053972	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	15.42	164	1382637	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	18.82	188	1590415	40.00	ppm		0.00
71) Chrysene-d12 (IS)	23.29	240	1111948	40.00	ppm		0.00
82) Perylene-d12 (IS)	26.78	264	729584	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.94	112	2057087	63.33	ppm		0.06
Spiked Amount 100.000	Range 25 - 120		Recovery = 63.33%				
7) Phenol-d6 (SU)	7.83	99	2585626	73.66	ppm		0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 73.66%				
21) Nitrobenzene-d5 (SU)	9.70	82	906118	33.47	ppm		0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 66.94%				
40) 2-Fluorobiphenyl (SU)	13.89	172	1865125	38.27	ppm		0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 76.54%				
62) 2,4,6-Tribromophenol (SU)	17.31	330	742920	91.77	ppm		0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 91.77%				
74) Terphenyl-d14 (SU)	21.60	244	1341340	43.63	ppm		0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 87.26%				
Target Compounds							Qvalue
3) Pyridine	3.73	79	728226	20.76	ppm		99
4) n-Nitrosodimethylamine	3.73	74	550908	25.61	ppm		98
5) bis(2-Chloroethyl)ether	7.98	93	1126355	35.98	ppm	#	86
6) Aniline	7.82	93	1387502	31.55	ppm		76
8) Phenol	7.85	94	1541627	38.42	ppm	#	66
9) 2-Chlorophenol	8.04	128	1086842	37.96	ppm		100
10) n-Decane	8.17	57	613463	23.65	ppm		100
11) 1,3-Dichlorobenzene	8.32	146	965061	29.85	ppm		99
12) 1,4-Dichlorobenzene	8.44	146	990505	31.05	ppm		98
13) 1,2-Dichlorobenzene	8.83	146	964284	33.50	ppm		98
14) Benzyl alcohol	8.81	108	730229	43.13	ppm		99
15) bis(2-chloroisopropyl)ethe	9.16	45	971563	37.95	ppm		98
16) 2-Methylphenol	9.12	107	842413	40.34	ppm		100
17) Hexachloroethane	9.49	117	339246	30.83	ppm		99
18) N-Nitroso-di-n-propylamine	9.49	70	643907	38.67	ppm		99
19) 4-Methylphenol	9.46	107	1274754	44.32	ppm		99
22) Nitrobenzene	9.74	77	942852	35.47	ppm		99
23) Isophorone	10.29	82	1802365	37.52	ppm		99
24) 2-Nitrophenol	10.47	139	598354	38.79	ppm		99
25) 2,4-Dimethylphenol	10.65	122	908415	37.41	ppm		98

(#) = qualifier out of range (m) = manual integration
G1115009.D G7K15SV.M Fri Nov 16 10:18:19 2007 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D
Acq On : 15 Nov 2007 10:45 pm
Sample : 7K12065-MSD1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107

Vial: 11
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26) bis(2-Chloroethoxy)methane	10.88	93	1301409	37.40	ppm		100
27) 2,4-Dichlorophenol	11.01	162	868124	40.31	ppm		99
28) 1,2,4-Trichlorobenzene	11.19	180	783157	34.90	ppm		99
29) Benzoic Acid	10.94	122	269748	23.75	ppm		96
30) Naphthalene	11.31	128	2644126	36.04	ppm		100
31) 4-Chloroaniline	11.54	127	1021688	32.41	ppm		100
32) Hexachlorobutadiene	11.78	225	408011	32.68	ppm		99
33) 4-Chloro-3-methylphenol	12.74	107	853535	42.01	ppm		99
34) 2-Methylnaphthalene	12.93	141	1498835	39.28	ppm		99
35) 2,3-Dichloroaniline	13.70	161	861986	35.99	ppm		99
37) Hexachlorocyclopentadiene	13.49	237	388296	40.47	ppm		99
38) 2,4,6-Trichlorophenol	13.69	196	532643	43.60	ppm		99
39) 2,4,5-Trichlorophenol	13.77	196	633317	44.62	ppm		100
41) 2-Chloronaphthalene	14.06	162	1694471	40.69	ppm		100
42) 2-Nitroaniline	14.43	65	446471	42.92	ppm		99
43) 1,3-Dinitrobenzene	15.00	168	342599	39.42	ppm	#	85
44) Acenaphthylene	15.04	152	2570162	43.89	ppm		100
45) Dimethylphthalate	15.02	163	1792032	41.81	ppm		99
46) 2,6-Dinitrotoluene	15.15	165	476929	42.55	ppm		96
47) Acenaphthene	15.50	154	1467027	40.05	ppm		98
48) 3-Nitroaniline	15.43	138	378442	31.50	ppm		97
49) 2,4-Dinitrophenol	15.67	184	102378	24.75	ppm		100
50) Dibenzofuran	15.87	168	2289023	41.49	ppm		78
51) 2,4-Dinitrotoluene	16.06	165	584381	40.08	ppm		99
52) 4-Nitrophenol	15.92	109	151379	38.51	ppm	#	1
53) Fluorene	16.69	166	1707163	40.06	ppm		100
54) 4-Chlorophenyl-phenylether	16.75	204	794265	40.82	ppm		98
55) Diethylphthalate	16.73	149	1744964	40.77	ppm		99
56) Azobenzene	17.12	77	1895319	41.33	ppm		99
57) 4-Nitroaniline	16.91	138	434068	35.56	ppm		99
58) n-Octadecane	18.81	57	701122	38.50	ppm		100
60) 4,6-Dinitro-2-methylphenol	17.00	198	194563	36.93	ppm		98
61) n-Nitrosodiphenylamine	17.07	169	1282707	46.01	ppm		100
63) 4-Bromophenyl-phenylether	17.89	248	590124	45.18	ppm		98
64) Hexachlorobenzene	18.17	284	729598	42.77	ppm		99
65) Pentachlorophenol	18.60	266	438491	44.05	ppm		99
66) Phenanthrene	18.86	178	2175498	42.43	ppm		100
67) Anthracene	18.95	178	2256017	43.84	ppm		100
68) Carbazole	19.32	167	1932417	44.11	ppm		99
69) Di-n-butylphthalate	20.16	149	2689274	44.13	ppm		100
70) Fluoranthene	20.97	202	1872439	41.57	ppm		99

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

Quantitation Report (QT Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
72)	Pyrene	21.31	202	1833338	45.58	ppm		99
73)	2,2'-Dichlorobenzil	21.47	139	1400646	48.12	ppm		98
75)	Benzidine	21.24	184	9961	0.86	ppm	#	70
76)	Butylbenzylphthalate	22.43	149	895180	48.57	ppm		98
77)	3,3'-Dichlorobenzidine	23.27	252	373845	33.24	ppm		97
78)	Benzo[a]anthracene	23.25	228	1374644	48.11	ppm		99
79)	Chrysene	23.34	228	1292023	46.19	ppm		99
80)	bis(2-Ethylhexyl)phthalate	23.55	149	1114033	49.73	ppm		100
81)	Di-n-octylphthalate	25.03	149	1342303	49.11	ppm		100
83)	Benzo[b]fluoranthene	25.88	252	1346002	53.33	ppm		98
84)	Benzo[k]fluoranthene	25.96	252	1315805	54.63	ppm		99
85)	Benzo[a]pyrene	26.66	252	1212622	57.46	ppm		99
86)	Indeno[1,2,3-cd]pyrene	29.40	276	1096764	54.48	ppm		99
87)	Dibenz[a,h]anthracene	29.48	278	1123825	54.62	ppm		100
88)	Benzo[g,h,i]perylene	30.14	276	1109660	52.43	ppm		100

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

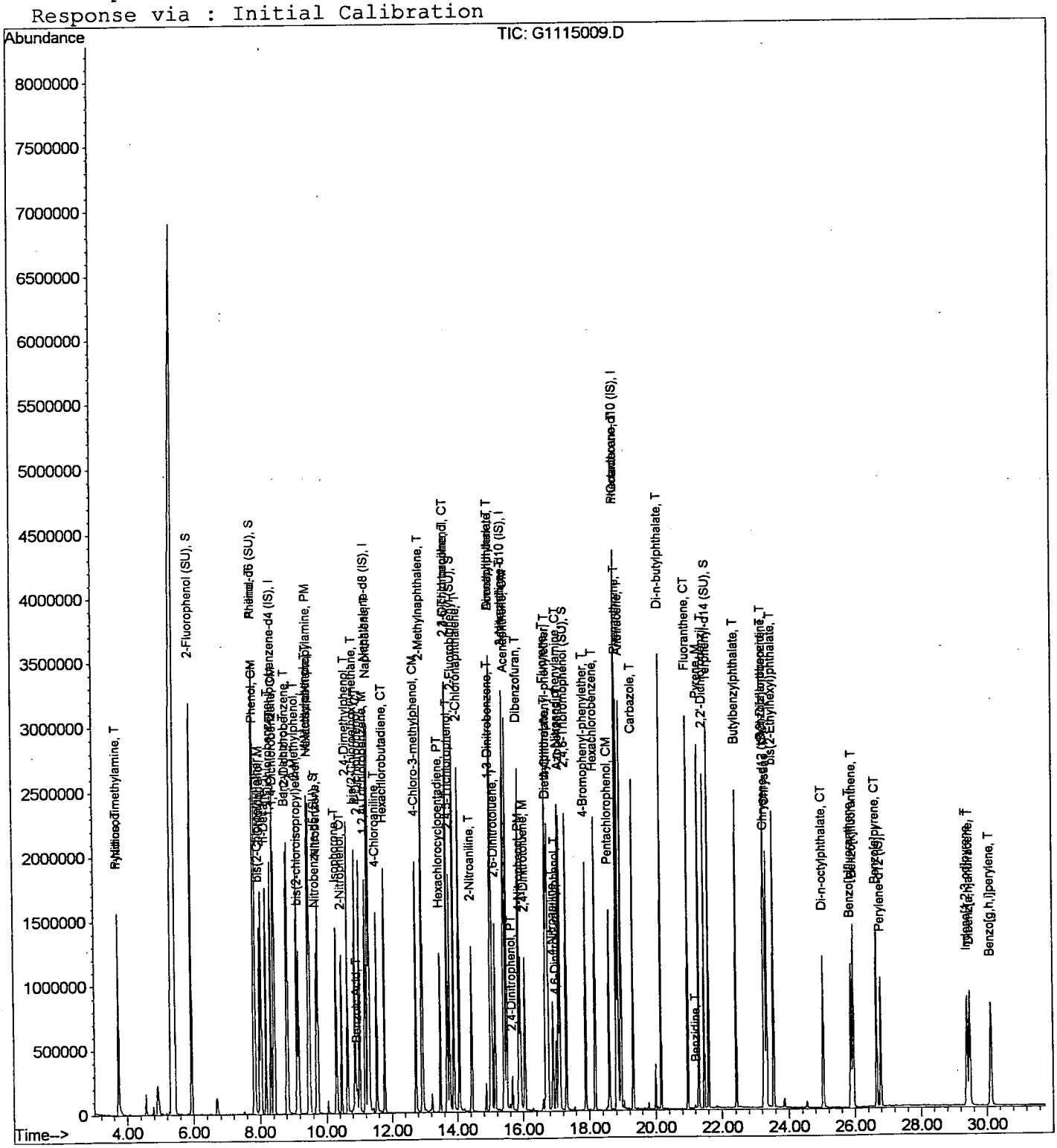
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D
Acq On : 15 Nov 2007 10:45 pm
Sample : 7K12065-MSD1
Misc : SOIL 15G/1ml --- IQK1137-05
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107

Vial: 11
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	804588	40.00	ppm		0.00
20) Naphthalene-d8 (IS)	11.26	136	3053972	40.00	ppm		0.00
36) Acenaphthene-d10 (IS)	15.42	164	1382637	40.00	ppm		0.00
59) Phenanthrene-d10 (IS)	18.82	188	1590415	40.00	ppm		0.00
71) Chrysene-d12 (IS)	23.29	240	1111948	40.00	ppm		0.00
82) Perylene-d12 (IS)	26.78	264	729584	40.00	ppm		0.00
System Monitoring Compounds							
2) 2-Fluorophenol (SU)	5.94	112	2057087	63.33	ppm		0.06
Spiked Amount 100.000	Range 25 - 120		Recovery = 63.33%				
7) Phenol-d6 (SU)	7.83	99	2585626	73.66	ppm		0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 73.66%				
21) Nitrobenzene-d5 (SU)	9.70	82	906118	33.47	ppm		0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 66.94%				
40) 2-Fluorobiphenyl (SU)	13.89	172	1865125	38.27	ppm		0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 76.54%				
62) 2,4,6-Tribromophenol (SU)	17.31	330	742920	91.77	ppm		0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 91.77%				
74) Terphenyl-d14 (SU)	21.60	244	1341340	43.63	ppm		0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 87.26%				
Target Compounds							Qvalue
3) Pyridine	3.73	79	728226	20.76	ppm		99
4) n-Nitrosodimethylamine	3.73	74	550908	25.61	ppm		98
5) bis(2-Chloroethyl)ether	7.98	93	1126355	35.98	ppm	#	86
6) Aniline	7.82	93	1387502	31.55	ppm		76
8) Phenol	7.85	94	1541627	38.42	ppm	#	66
9) 2-Chlorophenol	8.04	128	1086842	37.96	ppm		100
10) n-Decane	8.17	57	613463	23.65	ppm		100
11) 1,3-Dichlorobenzene	8.32	146	965061	29.85	ppm		99
12) 1,4-Dichlorobenzene	8.44	146	990505	31.05	ppm		98
13) 1,2-Dichlorobenzene	8.83	146	964284	33.50	ppm		98
14) Benzyl alcohol	8.81	108	730229	43.13	ppm		99
15) bis(2-chloroisopropyl)ethe	9.16	45	971563	37.95	ppm		98
16) 2-Methylphenol	9.12	107	842413	40.34	ppm		100
17) Hexachloroethane	9.49	117	339246	30.83	ppm		99
18) N-Nitroso-di-n-propylamine	9.49	70	643907	38.67	ppm		99
19) 4-Methylphenol	9.46	107	1274754	44.32	ppm		99
22) Nitrobenzene	9.74	77	942852	35.47	ppm		99
23) Isophorone	10.29	82	1802365	37.52	ppm		99
24) 2-Nitrophenol	10.47	139	598354	38.79	ppm		99
25) 2,4-Dimethylphenol	10.65	122	908415	37.41	ppm		98

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.88	93	1301409	37.40	ppm		100
27)	2,4-Dichlorophenol	11.01	162	868124	40.31	ppm		99
28)	1,2,4-Trichlorobenzene	11.19	180	783157	34.90	ppm		99
29)	Benzoic Acid	10.94	122	269748	23.75	ppm		96
30)	Naphthalene	11.31	128	2644126	36.04	ppm		100
31)	4-Chloroaniline	11.54	127	1021688	32.41	ppm		100
32)	Hexachlorobutadiene	11.78	225	408011	32.68	ppm		99
33)	4-Chloro-3-methylphenol	12.74	107	853535	42.01	ppm		99
34)	2-Methylnaphthalene	12.93	141	1498835	39.28	ppm		99
35)	2,3-Dichloroaniline	13.70	161	861986	35.99	ppm		99
37)	Hexachlorocyclopentadiene	13.49	237	388296	40.47	ppm		99
38)	2,4,6-Trichlorophenol	13.69	196	532643	43.60	ppm		99
39)	2,4,5-Trichlorophenol	13.77	196	633317	44.62	ppm		100
41)	2-Chloronaphthalene	14.06	162	1694471	40.69	ppm		100
42)	2-Nitroaniline	14.43	65	446471	42.92	ppm		99
43)	1,3-Dinitrobenzene	15.00	168	342599	39.42	ppm	#	85
44)	Acenaphthylene	15.04	152	2570162	43.89	ppm		100
45)	Dimethylphthalate	15.02	163	1792032	41.81	ppm		99
46)	2,6-Dinitrotoluene	15.15	165	476929	42.55	ppm		96
47)	Acenaphthene	15.50	154	1467027	40.05	ppm		98
48)	3-Nitroaniline	15.43	138	378442	31.50	ppm		97
49)	2,4-Dinitrophenol	15.67	184	102378	24.75	ppm		100
50)	Dibenzofuran	15.87	168	2289023	41.49	ppm		78
51)	2,4-Dinitrotoluene	16.06	165	584381	40.08	ppm		99
52)	4-Nitrophenol	15.92	109	151379	38.51	ppm	#	1
53)	Fluorene	16.69	166	1707163	40.06	ppm		100
54)	4-Chlorophenyl-phenylether	16.75	204	794265	40.82	ppm		98
55)	Diethylphthalate	16.73	149	1744964	40.77	ppm		99
56)	Azobenzene	17.12	77	1895319	41.33	ppm		99
57)	4-Nitroaniline	16.91	138	434068	35.56	ppm		99
58)	n-Octadecane	18.81	57	701122	38.50	ppm		100
60)	4,6-Dinitro-2-methylphenol	17.00	198	194563	36.93	ppm		98
61)	n-Nitrosodiphenylamine	17.07	169	1282707	46.01	ppm		100
63)	4-Bromophenyl-phenylether	17.89	248	590124	45.18	ppm		98
64)	Hexachlorobenzene	18.17	284	729598	42.77	ppm		99
65)	Pentachlorophenol	18.60	266	438491	44.05	ppm		99
66)	Phenanthrene	18.86	178	2175498	42.43	ppm		100
67)	Anthracene	18.95	178	2256017	43.84	ppm		100
68)	Carbazole	19.32	167	1932417	44.11	ppm		99
69)	Di-n-butylphthalate	20.16	149	2689274	44.13	ppm		100
70)	Fluoranthene	20.97	202	1872439	41.57	ppm		99

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

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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

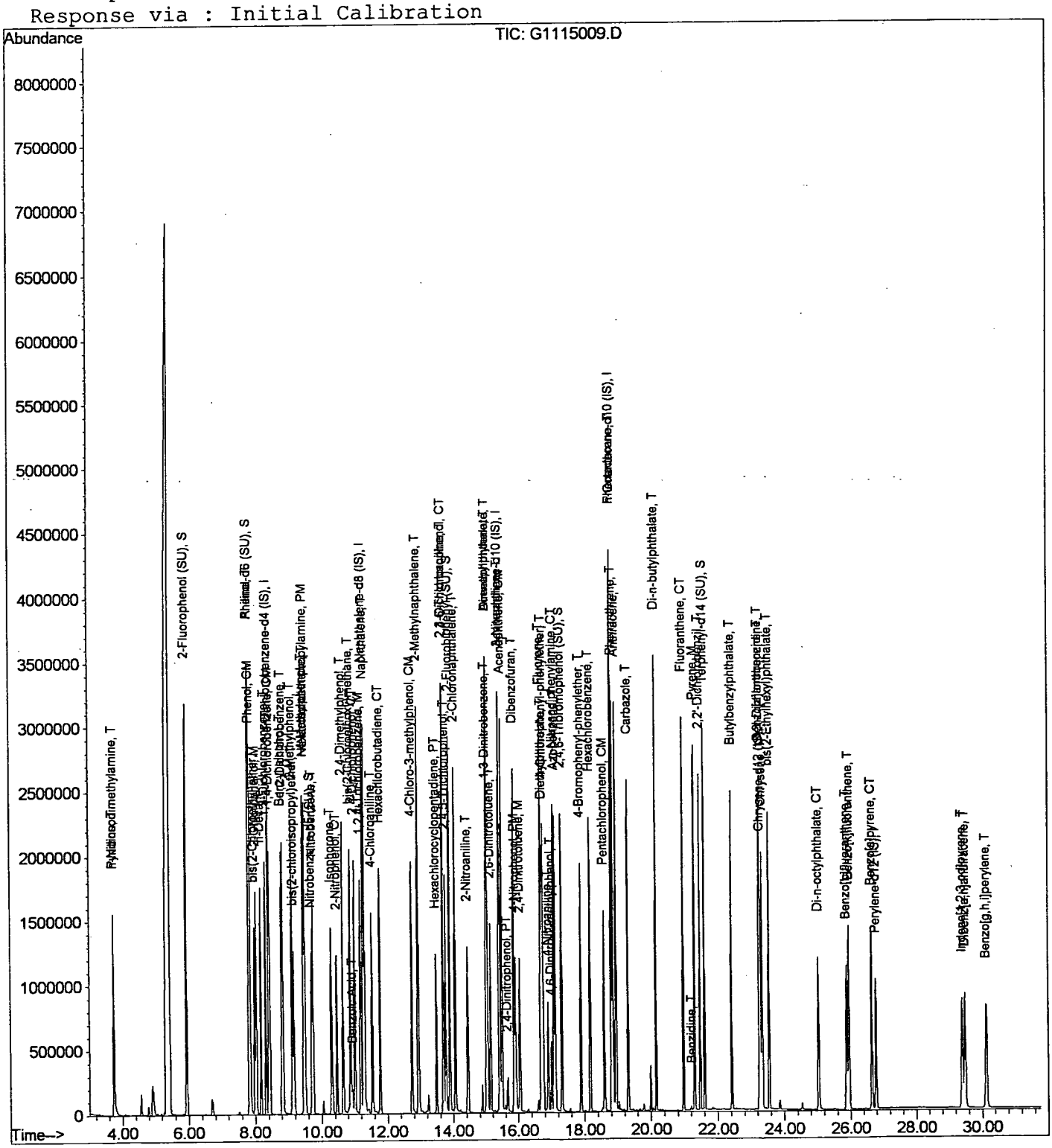
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
72)	Pyrene	21.31	202	1833338	45.58	ppm		99
73)	2,2'-Dichlorobenzil	21.47	139	1400646	48.12	ppm		98
75)	Benzidine	21.24	184	9961	0.86	ppm	#	70
76)	Butylbenzylphthalate	22.43	149	895180	48.57	ppm		98
77)	3,3'-Dichlorobenzidine	23.27	252	373845	33.24	ppm		97
78)	Benzo[a]anthracene	23.25	228	1374644	48.11	ppm		99
79)	Chrysene	23.34	228	1292023	46.19	ppm		99
80)	bis(2-Ethylhexyl)phthalate	23.55	149	1114033	49.73	ppm		100
81)	Di-n-octylphthalate	25.03	149	1342303	49.11	ppm		100
83)	Benzo[b]fluoranthene	25.88	252	1346002	53.33	ppm		98
84)	Benzo[k]fluoranthene	25.96	252	1315805	54.63	ppm		99
85)	Benzo[a]pyrene	26.66	252	1212622	57.46	ppm		99
86)	Indeno[1,2,3-cd]pyrene	29.40	276	1096764	54.48	ppm		99
87)	Dibenz[a,h]anthracene	29.48	278	1123825	54.62	ppm		100
88)	Benzo[g,h,i]perylene	30.14	276	1109660	52.43	ppm		100

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

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\G1115009.D Vial: 11
Acq On : 15 Nov 2007 10:45 pm Operator: DF/AI
Sample : 7K12065-MSD1 Inst : GCMS62
Misc : SOIL 15G/1ml --- IQK1137-05 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:17 19107 Quant Results File: G7K15SV.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115010.D Vial: 12
Acq On : 15 Nov 2007 11:24 pm Operator: DF/AI
Sample : IQK1137-01 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:56 19107 Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	727480	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	11.26	136	2729615	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1308043	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1749369	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.28	240	1183038	40.00	ppm	-0.01
82) Perylene-d12 (IS)	26.78	264	713280	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.95	112	1636705	55.73	ppm	0.07
Spiked Amount 100.000	Range 25 - 120		Recovery = 55.73%			
7) Phenol-d6 (SU)	7.82	99	2239996	70.58	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 70.58%			
21) Nitrobenzene-d5 (SU)	9.69	82	792303	32.74	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 65.48%			
40) 2-Fluorobiphenyl (SU)	13.89	172	1666708	36.15	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 72.30%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	649833	72.97	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 72.97%			
74) Terphenyl-d14 (SU)	21.61	244	1453267	44.43	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 88.86%			

Target Compounds					Qvalue
18) N-Nitroso-di-n-propylamine	9.69	70	96412	6.40 ppm	# 72
45) Dimethylphthalate	15.42	163	274744	6.77 ppm	# 1
46) 2,6-Dinitrotoluene	15.41	165	163402	15.41 ppm	# 37
75) Benzidine	21.61	184	12636	1.03 ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1115010.D G7K15SV.M Thu Nov 15 23:56:07 2007 Page 1

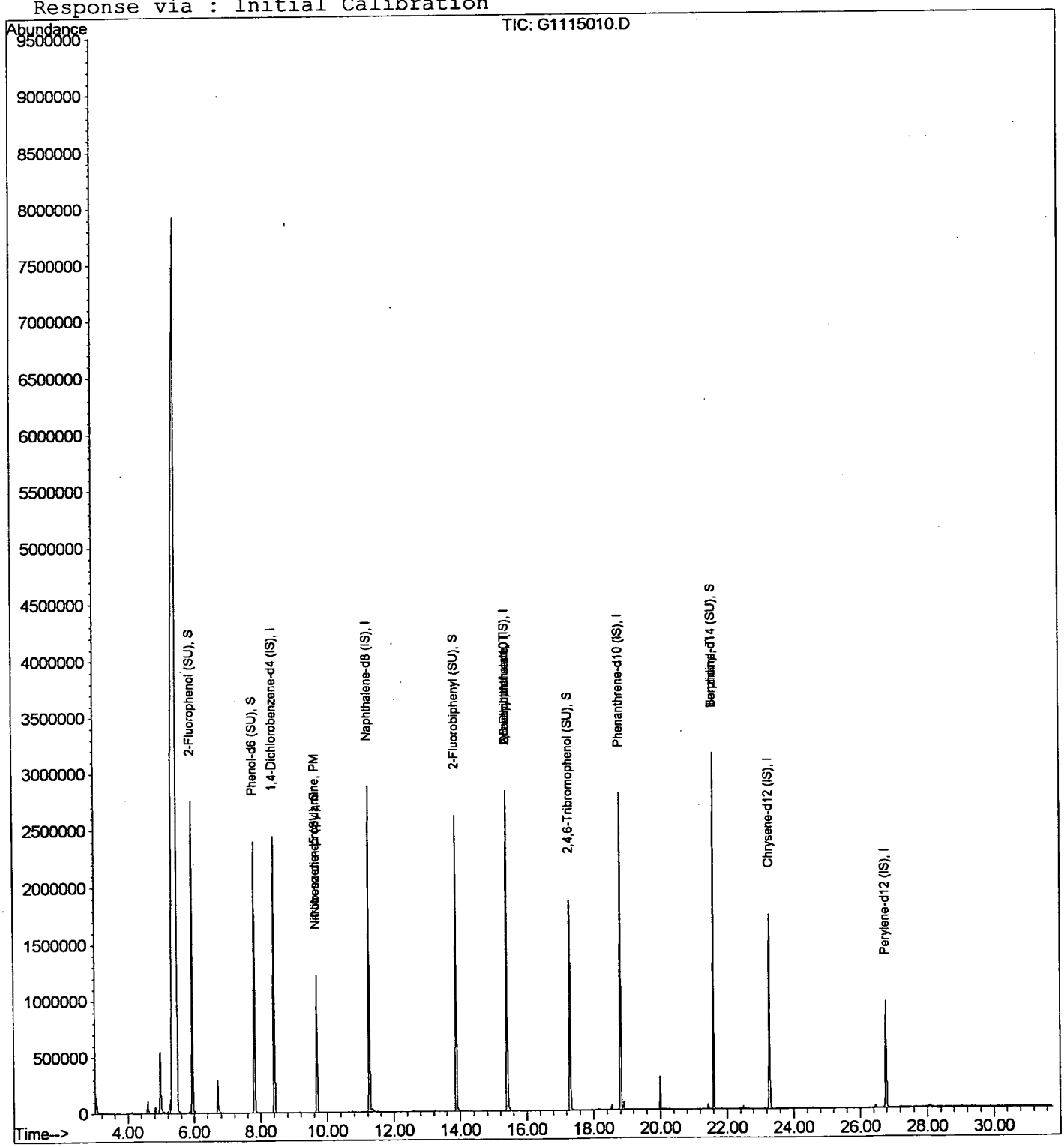
Quantitation Report

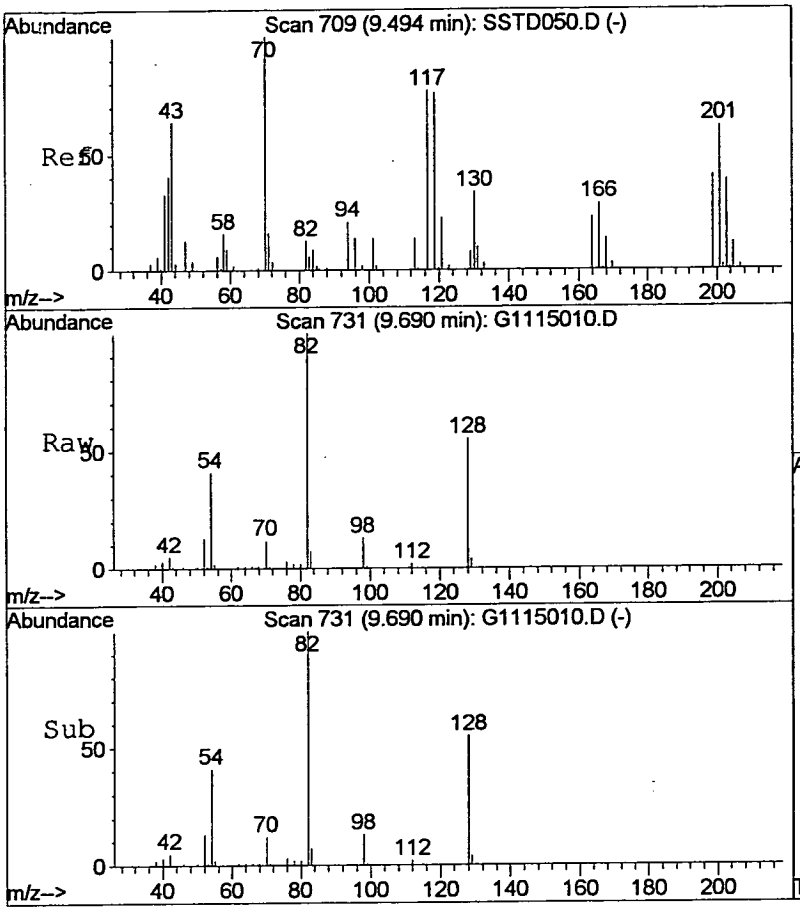
Data File : C:\GCMS62\DATA\07NOV15\G1115010.D
Acq On : 15 Nov 2007 11:24 pm
Sample : IQK1137-01
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 15 23:56 19107

Vial: 12
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

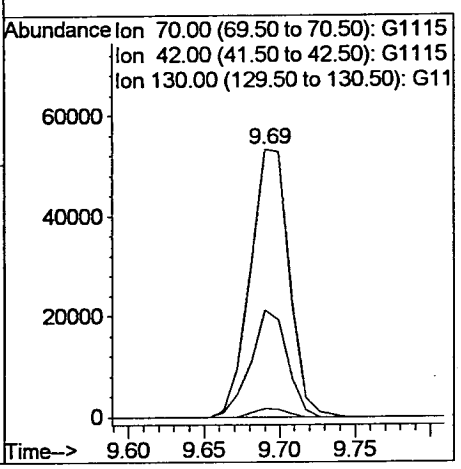


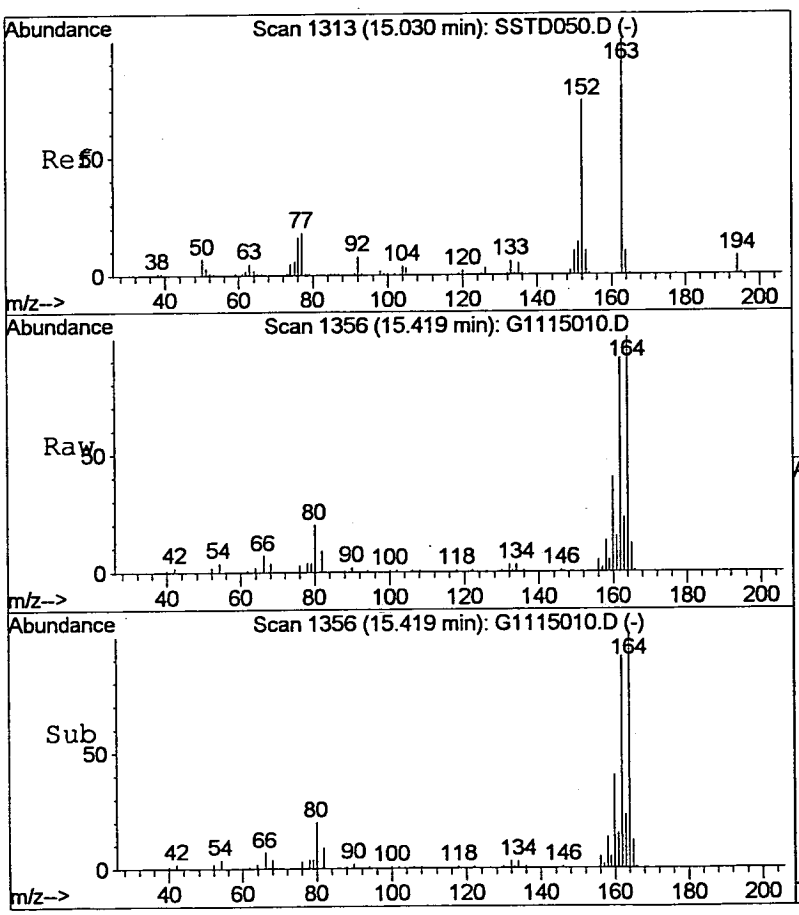


#18
N-Nitroso-di-n-propylamine
Concen: 6.40 ppm
RT: 9.69 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115010.D
Acq: 15 Nov 2007 11:24 pm

Tgt Ion: 70 Resp: 96412

Ion	Ratio	Lower	Upper
70	100		
42	37.4	22.2	62.2
130	2.6	12.8	52.8#

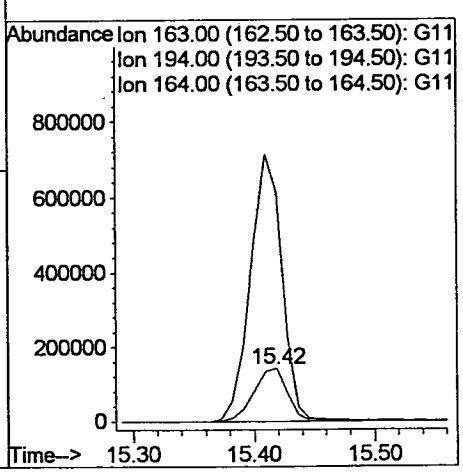


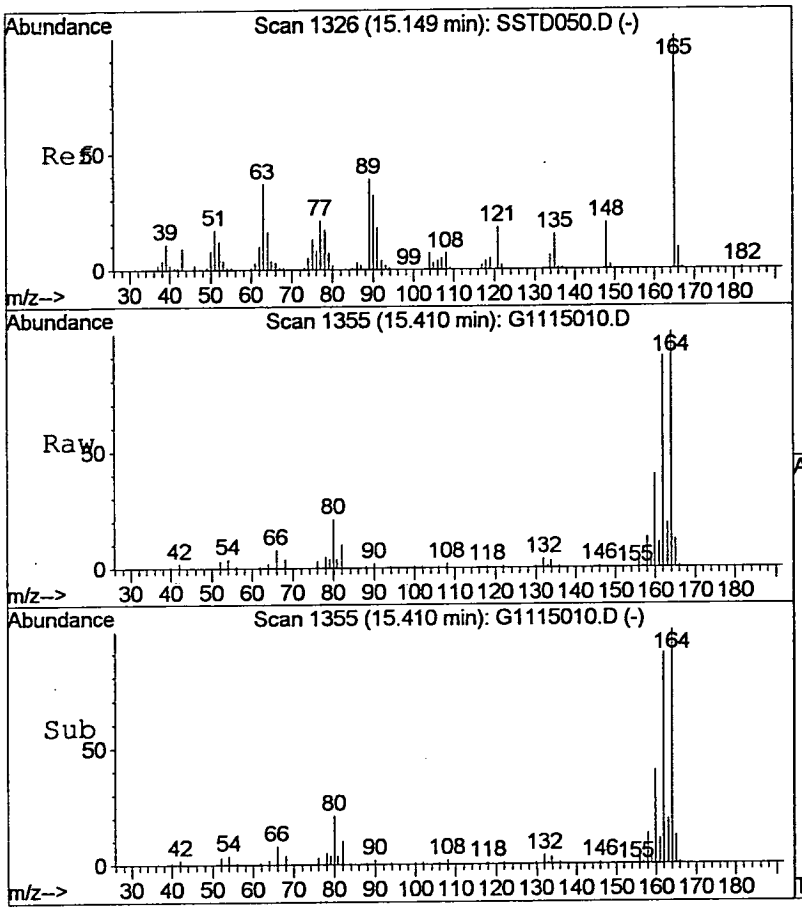


#45
Dimethylphthalate
Concen: 6.77 ppm
RT: 15.42 min Scan# 1356
Delta R.T. 0.39 min
Lab File: G1115010.D
Acq: 15 Nov 2007 11:24 pm

Tgt Ion:163 Resp: 274744

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	475.6	0.0	29.8#

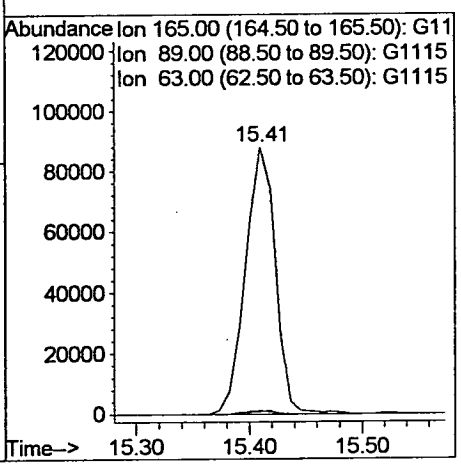


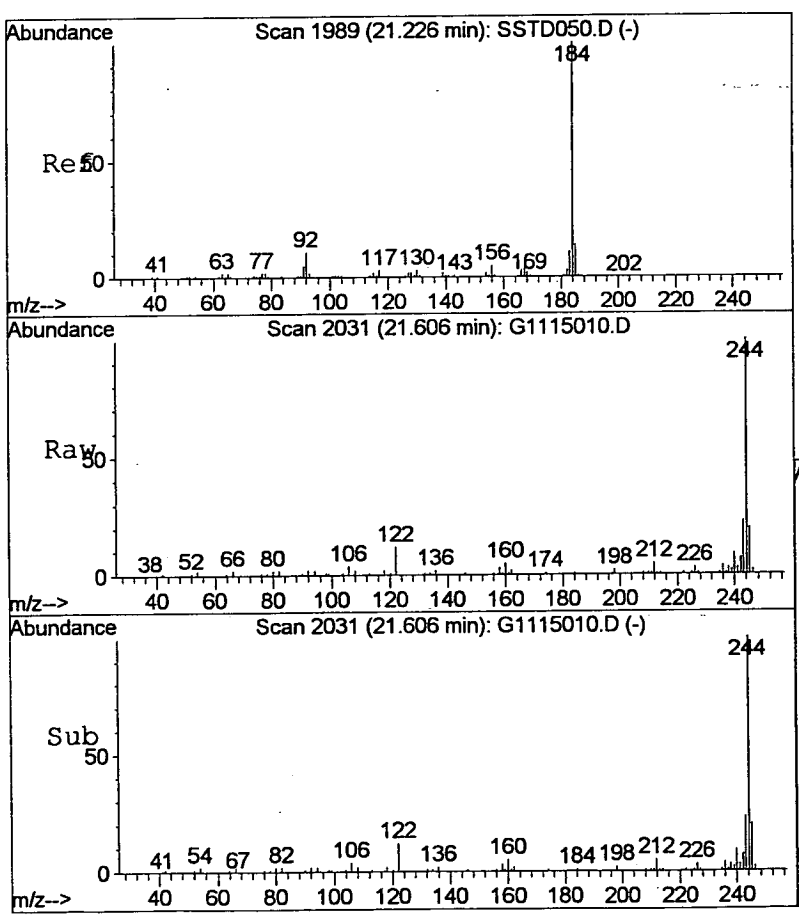


#46
2,6-Dinitrotoluene
Concen: 15.41 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.26 min
Lab File: G1115010.D
Acq: 15 Nov 2007 11:24 pm

Tgt Ion:165 Resp: 163402

Ion	Ratio	Lower	Upper
165	100		
89	1.2	18.7	58.7#
63	1.0	20.3	60.3#

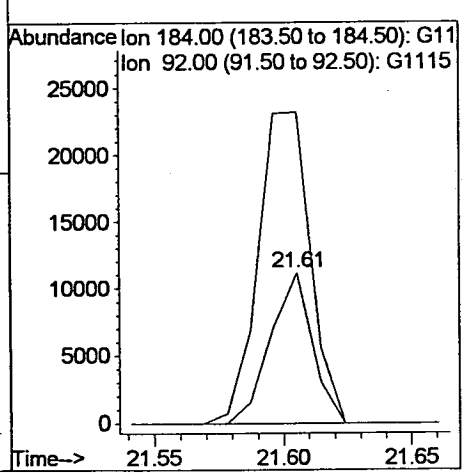




#75
Benzidine
Concen: 1.03 ppm
RT: 21.61 min Scan# 2031
Delta R.T. 0.38 min
Lab File: G1115010.D
Acq: 15 Nov 2007 11:24 pm

Tgt Ion:184 Resp: 12636

Ion	Ratio	Lower	Upper
184	100		
92	258.2	0.0	31.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115011.D Vial: 13
Acq On : 16 Nov 2007 12:02 am Operator: DF/AI
Sample : IQK1137-02 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 0:34 19107 Quant Results File: G7K15SV.RES

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

LB

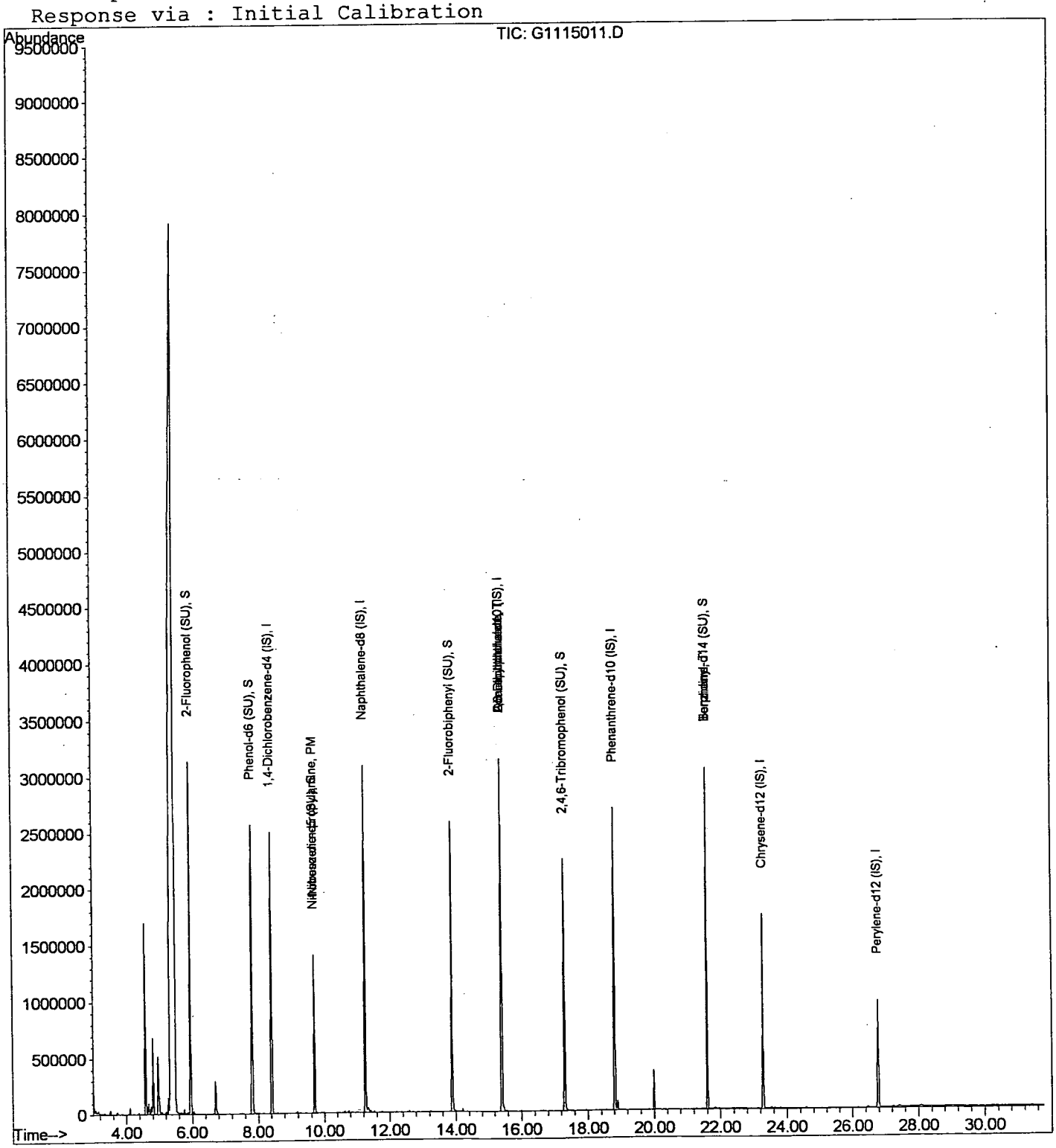
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	820050	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.25	136	3078124	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1430502	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1858423	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	1236100	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	714646	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.95	112	1936246	58.48	ppm	0.06
Spiked Amount 100.000	Range 25 - 120		Recovery = 58.48%			
7) Phenol-d6 (SU)	7.82	99	2542215	71.06	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 71.06%			
21) Nitrobenzene-d5 (SU)	9.70	82	848410	31.09	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 62.18%			
40) 2-Fluorobiphenyl (SU)	13.88	172	1734192	34.39	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 68.78%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	716888	75.78	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 75.78%			
74) Terphenyl-d14 (SU)	21.60	244	1449911	42.42	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 84.84%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.70	70	103454	6.10	ppm	# 72
45) Dimethylphthalate	15.41	163	300115	6.77	ppm	# 1
46) 2,6-Dinitrotoluene	15.41	165	180452	15.56	ppm	# 37
75) Benzidine	21.60	184	12196	0.95	ppm	# 1

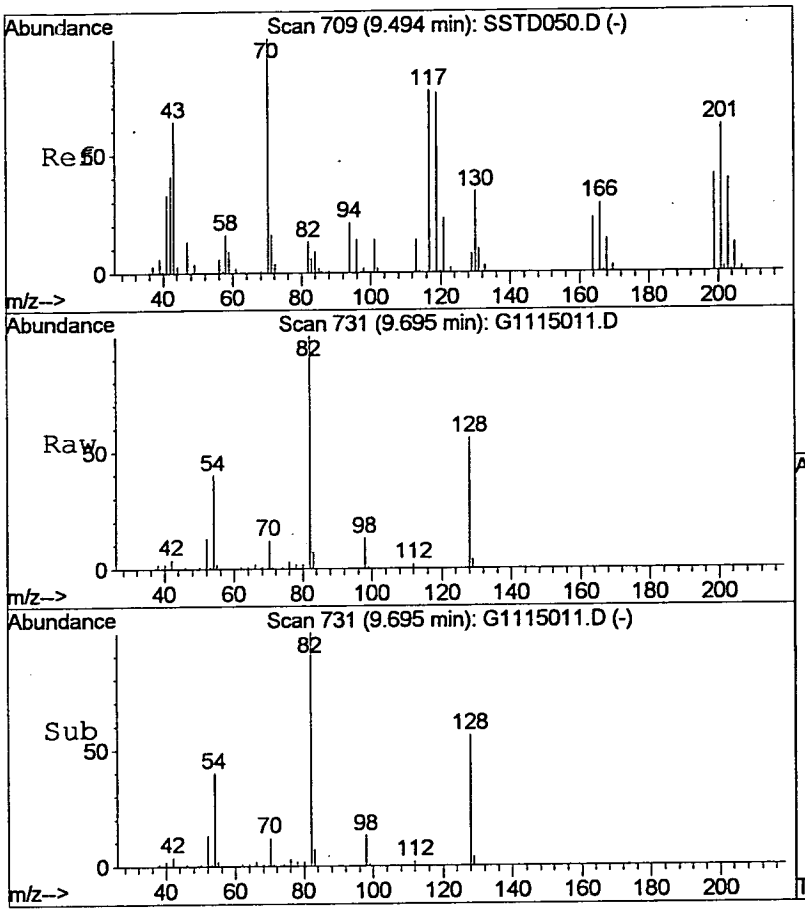
(#) = qualifier out of range (m) = manual integration
G1115011.D G7K15SV.M Fri Nov 16 00:34:26 2007 Page 1

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV15\G1115011.D Vial: 13
Acq On : 16 Nov 2007 12:02 am Operator: DF/AI
Sample : IQK1137-02 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 0:34 19107 Quant Results File: G7K15SV.RES

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

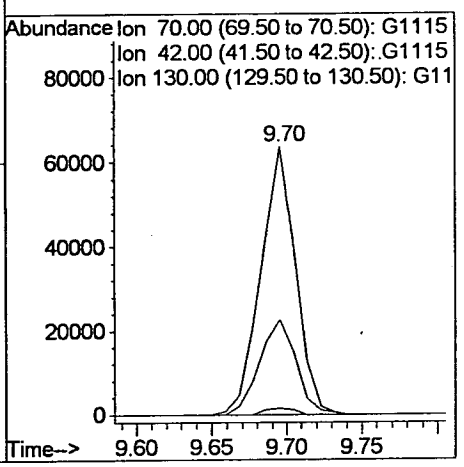


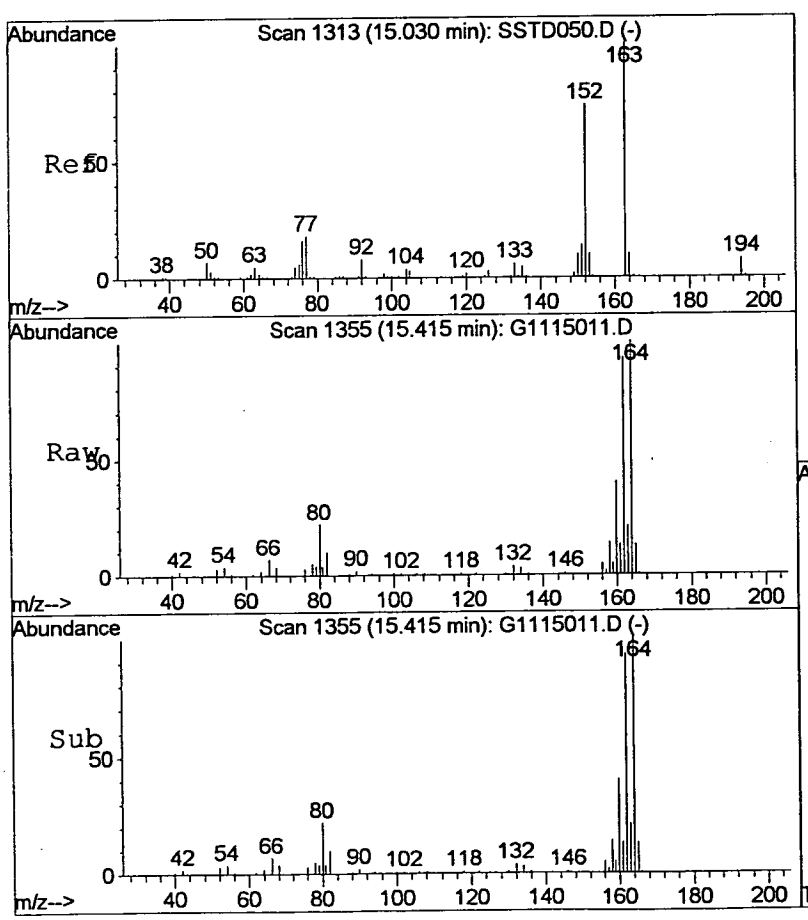


#18
N-Nitroso-di-n-propylamine
Concen: 6.10 ppm
RT: 9.70 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115011.D
Acq: 16 Nov 2007 12:02 am

Tgt Ion: 70 Resp: 103454

Ion	Ratio	Lower	Upper
70	100		
42	37.4	22.2	62.2
130	2.1	12.8	52.8#

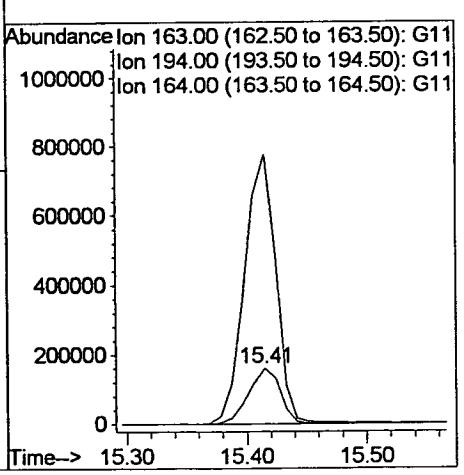


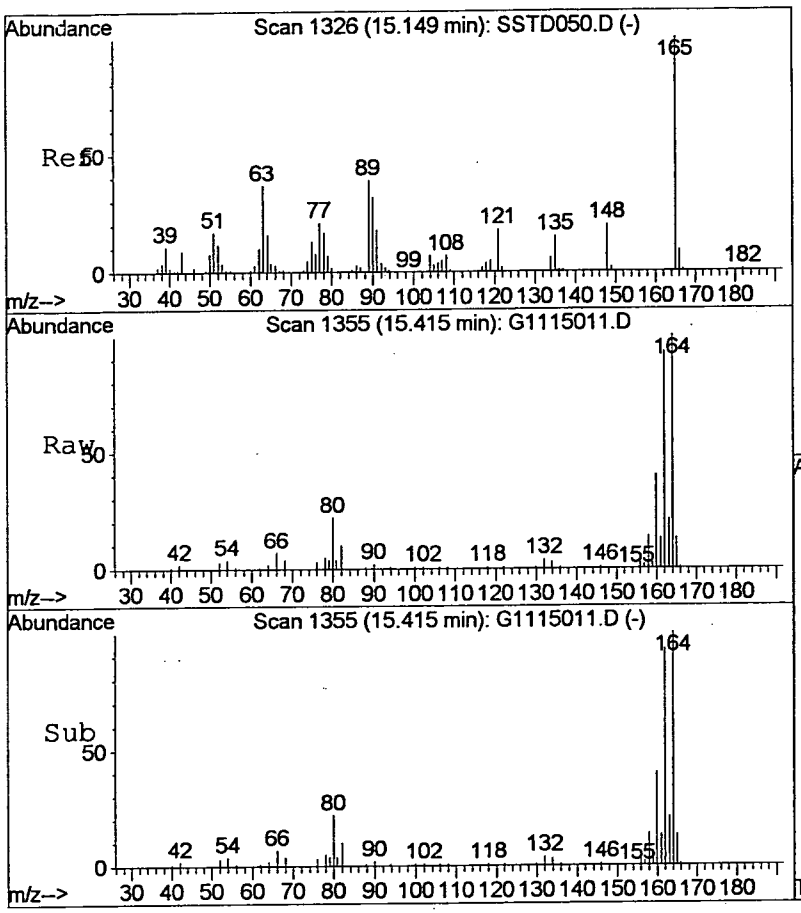


#45
Dimethylphthalate
Concen: 6.77 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.38 min
Lab File: G1115011.D
Acq: 16 Nov 2007 12:02 am

Tgt Ion:163 Resp: 300115

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	472.0	0.0	29.8#

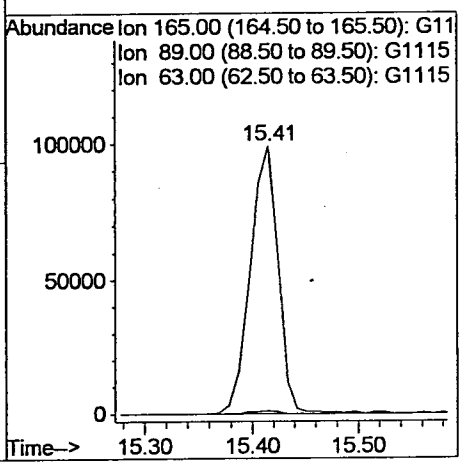


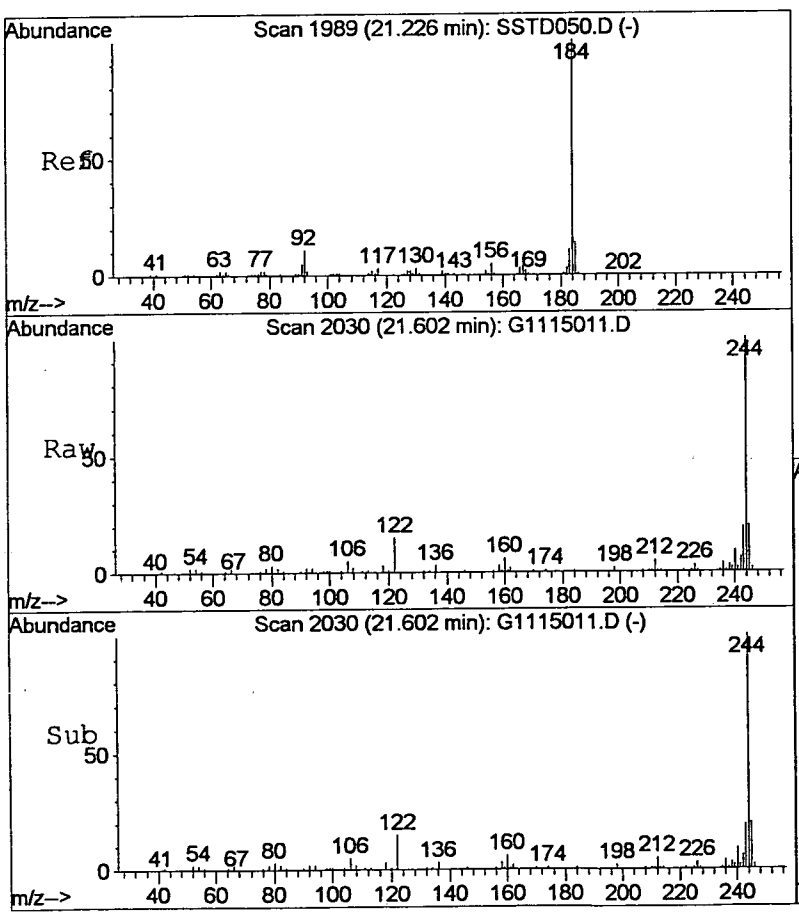


#46
2,6-Dinitrotoluene
Concen: 15.56 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.27 min
Lab File: G1115011.D
Acq: 16 Nov 2007 12:02 am

Tgt Ion:165 Resp: 180452

Ion	Ratio	Lower	Upper
165	100		
89	1.1	18.7	58.7#
63	1.0	20.3	60.3#

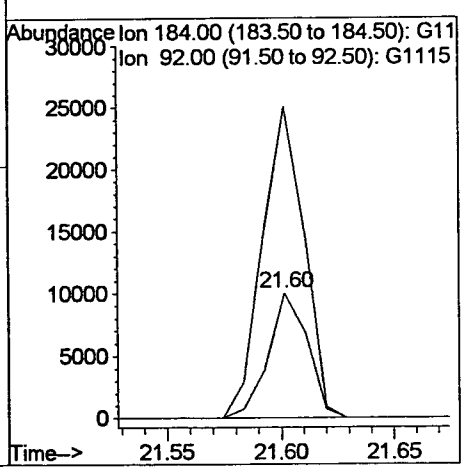




#75
Benzidine
Concen: 0.95 ppm
RT: 21.60 min Scan# 2030
Delta R.T. 0.38 min
Lab File: G1115011.D
Acq: 16 Nov 2007 12:02 am

Tgt Ion:184 Resp: 12196

Ion	Ratio	Lower	Upper
184	100		
92	263.7	0.0	31.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115012.D
Acq On : 16 Nov 2007 12:40 am
Sample : IQK1137-03
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 1:12 19107

Vial: 14
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	809491	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	11.26	136	2999223	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1410170	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1815962	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.28	240	1123918	40.00	ppm	-0.01
82) Perylene-d12 (IS)	26.78	264	635816	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.95	112	2016773	61.71	ppm	0.07
Spiked Amount 100.000	Range 25 - 120		Recovery = 61.71%			
7) Phenol-d6 (SU)	7.82	99	2670604	75.62	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 75.62%			
21) Nitrobenzene-d5 (SU)	9.70	82	914519	34.39	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 68.78%			
40) 2-Fluorobiphenyl (SU)	13.89	172	1857435	37.37	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 74.74%			
62) 2,4,6-Tribromophenol (SU)	17.31	330	740966	80.16	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 80.16%			
74) Terphenyl-d14 (SU)	21.61	244	1501144	48.31	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 96.62%			

Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.70	70	111614	6.66	ppm	# 74
45) Dimethylphthalate	15.42	163	299371	6.85	ppm	# 1
46) 2,6-Dinitrotoluene	15.41	165	178697	15.63	ppm	# 37
64) Hexachlorobenzene	18.16	284	227595	11.69	ppm	99
75) Benzidine	21.61	184	12013	1.03	ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1115012.D G7K15SV.M Fri Nov 16 01:12:44 2007 Page 1

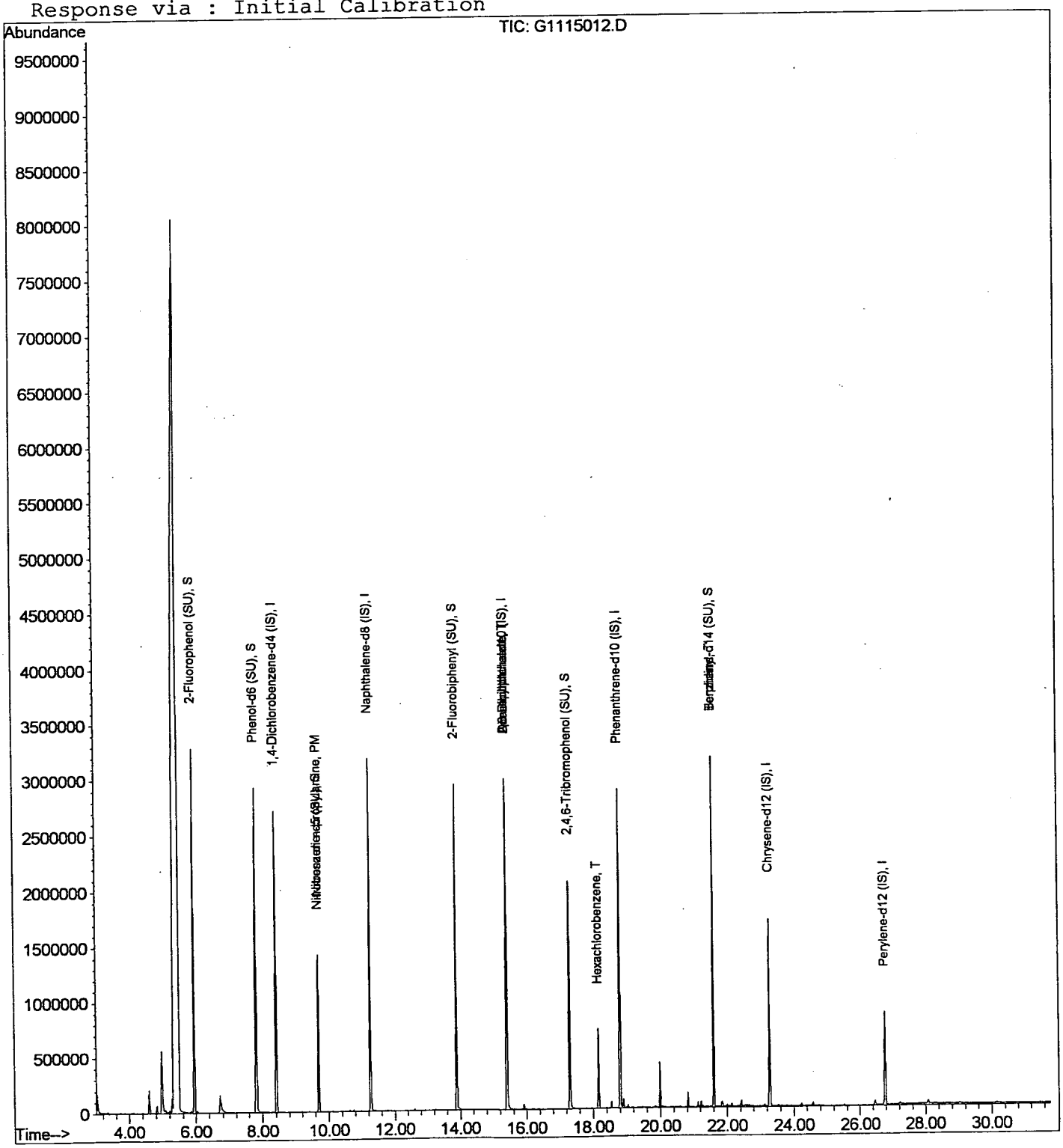
Quantitation Report

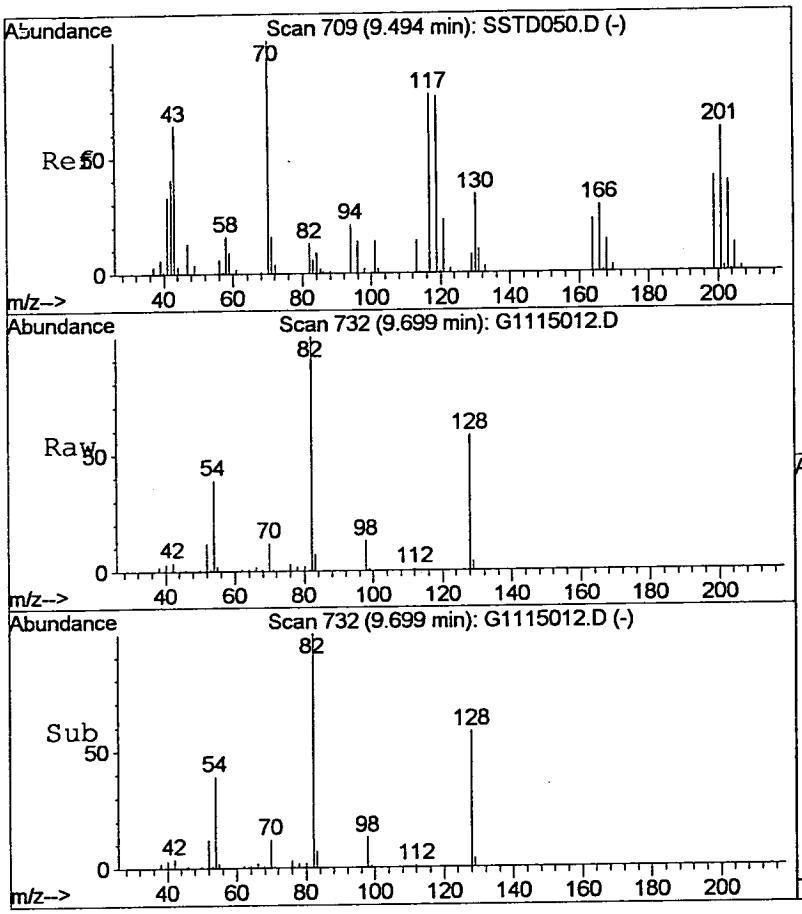
Data File : C:\GCMS62\DATA\07NOV15\G1115012.D
Acq On : 16 Nov 2007 12:40 am
Sample : IQK1137-03
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 1:12 19107

Vial: 14
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

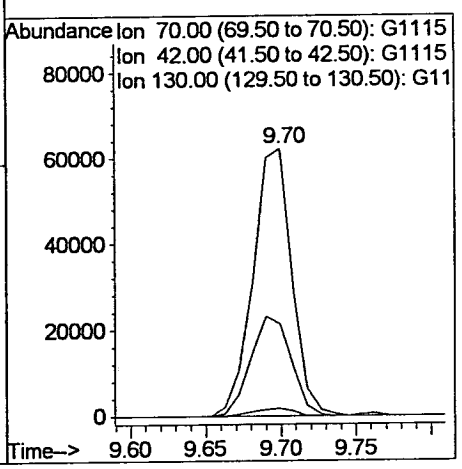


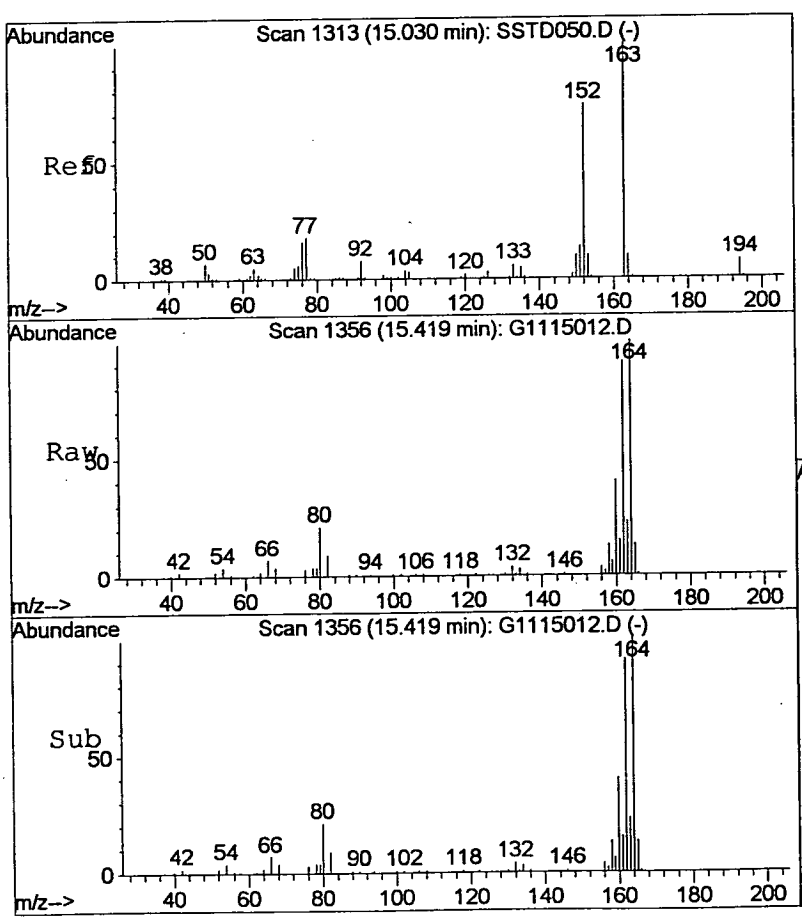


#18
N-Nitroso-di-n-propylamine
Concen: 6.66 ppm
RT: 9.70 min Scan# 732
Delta R.T. 0.21 min
Lab File: G1115012.D
Acq: 16 Nov 2007 12:40 am

Tgt Ion: 70 Resp: 111614

Ion	Ratio	Lower	Upper
70	100		
42	38.9	22.2	62.2
130	2.9	12.8	52.8#

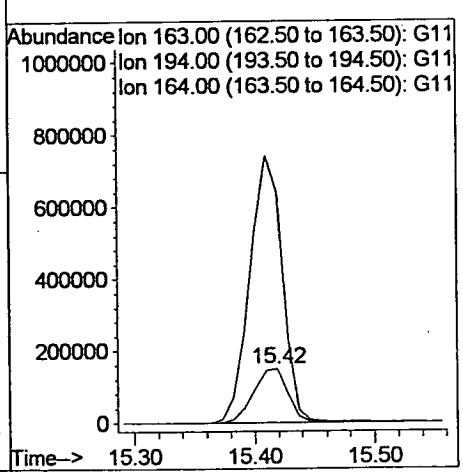


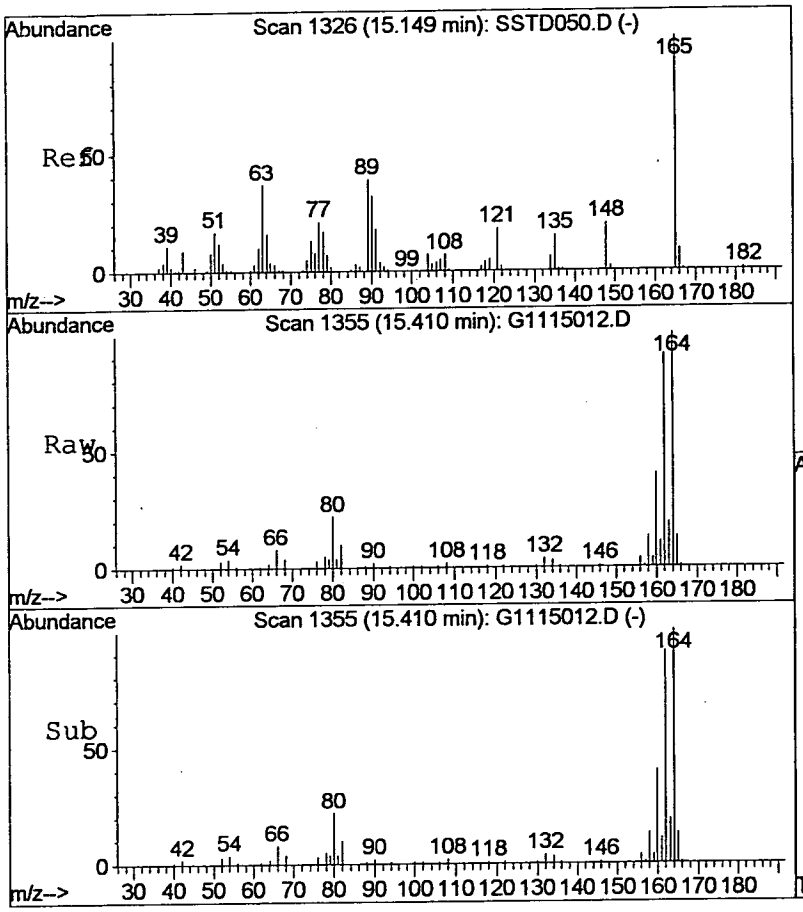


#45
Dimethylphthalate
Concen: 6.85 ppm
RT: 15.42 min Scan# 1356
Delta R.T. 0.39 min
Lab File: G1115012.D
Acq: 16 Nov 2007 12:40 am

Tgt Ion:163 Resp: 299371

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	465.8	0.0	29.8#

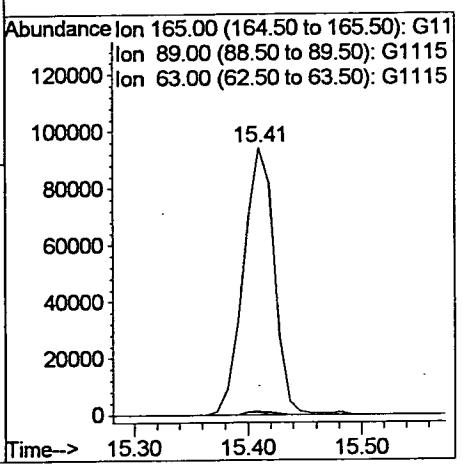


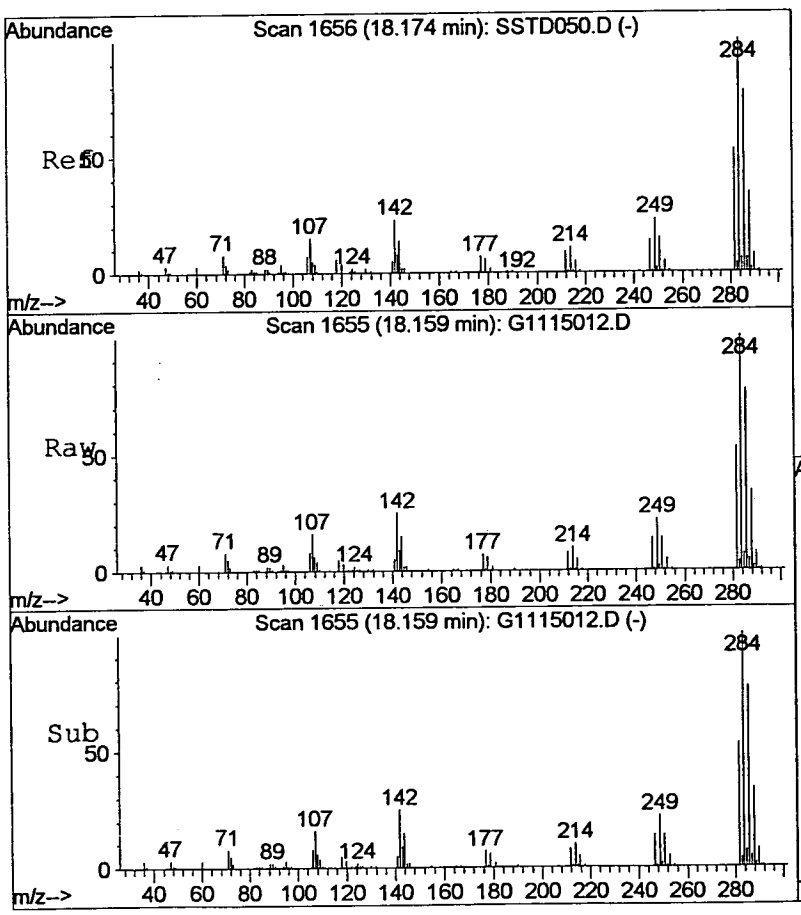


#46
2,6-Dinitrotoluene
Concen: 15.63 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.26 min
Lab File: G1115012.D
Acq: 16 Nov 2007 12:40 am

Tgt Ion:165 Resp: 178697

Ion	Ratio	Lower	Upper
165	100		
89	0.7	18.7	58.7#
63	0.8	20.3	60.3#

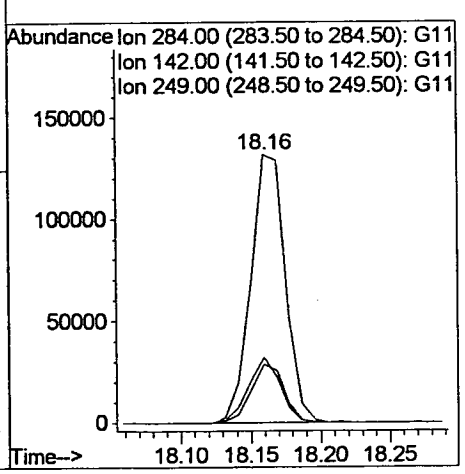


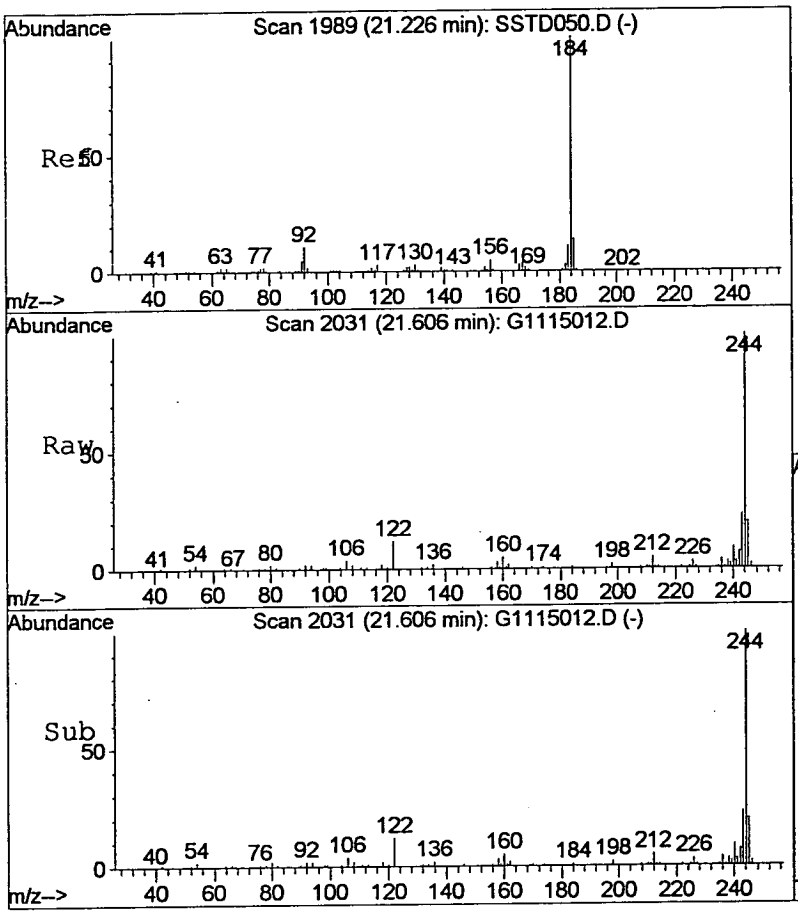


#64
Hexachlorobenzene
Concen: 11.69 ppm
RT: 18.16 min Scan# 1655
Delta R.T. -0.01 min
Lab File: G1115012.D
Acq: 16 Nov 2007 12:40 am

Tgt Ion:284 Resp: 227595

Ion	Ratio	Lower	Upper
284	100		
142	22.5	2.4	42.4
249	20.9	1.6	41.6

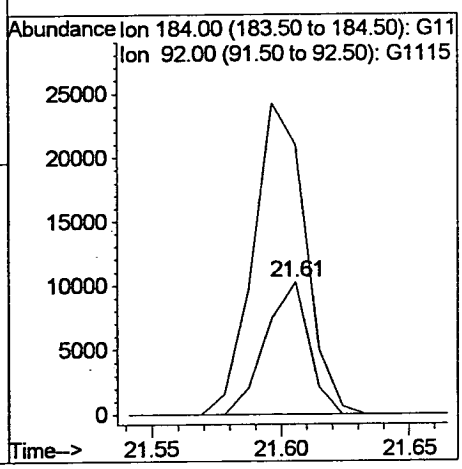




#75
Benzidine
Concen: 1.03 ppm
RT: 21.61 min Scan# 2031
Delta R.T. 0.38 min
Lab File: G1115012.D
Acq: 16 Nov 2007 12:40 am

Tgt Ion:184 Resp: 12013

Ion	Ratio	Lower	Upper
184	100		
92	284.0	0.0	31.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115013.D Vial: 15
Acq On : 16 Nov 2007 1:19 am Operator: DF/AI
Sample : IQK1137-04 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 1:50 19107 Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	717318	40.00	ppm	0.01
20) Naphthalene-d8 (IS)	11.26	136	2712014	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1299421	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1753876	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.28	240	1270161	40.00	ppm	-0.01
82) Perylene-d12 (IS)	26.78	264	825100	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.94	112	1726443	59.61	ppm	0.06
Spiked Amount 100.000	Range 25 - 120		Recovery = 59.61%			
7) Phenol-d6 (SU)	7.81	99	2283210	72.96	ppm	0.01
Spiked Amount 100.000	Range 30 - 120		Recovery = 72.96%			
21) Nitrobenzene-d5 (SU)	9.69	82	779602	32.42	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 64.84%			
40) 2-Fluorobiphenyl (SU)	13.89	172	1611481	35.18	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 70.36%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	639993	71.68	ppm	-0.01
Spiked Amount 100.000	Range 35 - 120		Recovery = 71.68%			
74) Terphenyl-d14 (SU)	21.61	244	1409403	40.13	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 80.26%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.69	70	97454	6.57	ppm	# 71
45) Dimethylphthalate	15.42	163	274107	6.80	ppm	# 1
46) 2,6-Dinitrotoluene	15.41	165	164147	15.58	ppm	# 37
75) Benzidine	21.61	184	11780	0.89	ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1115013.D G7K15SV.M Fri Nov 16 01:51:05 2007 Page 1

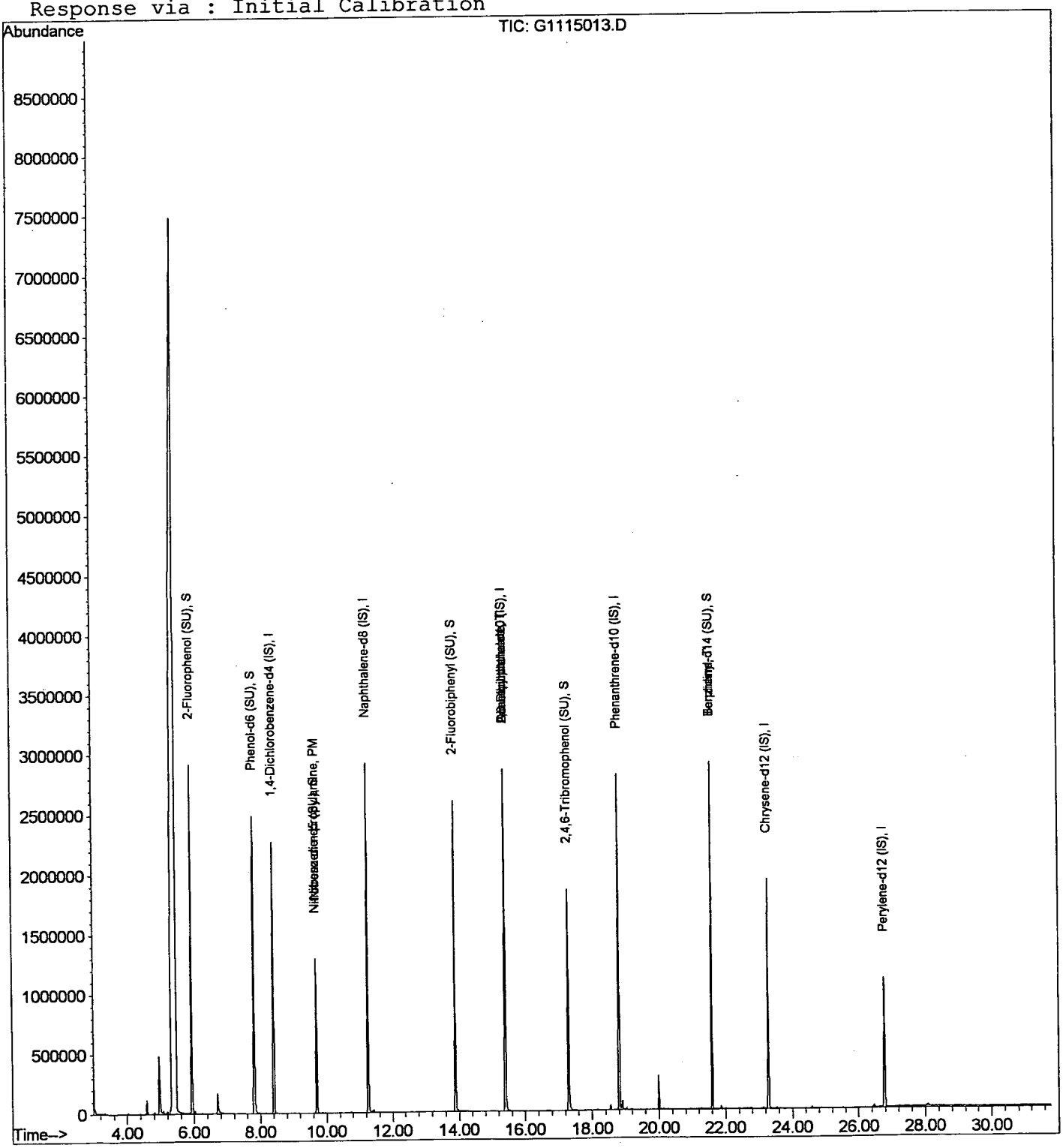
Quantitation Report

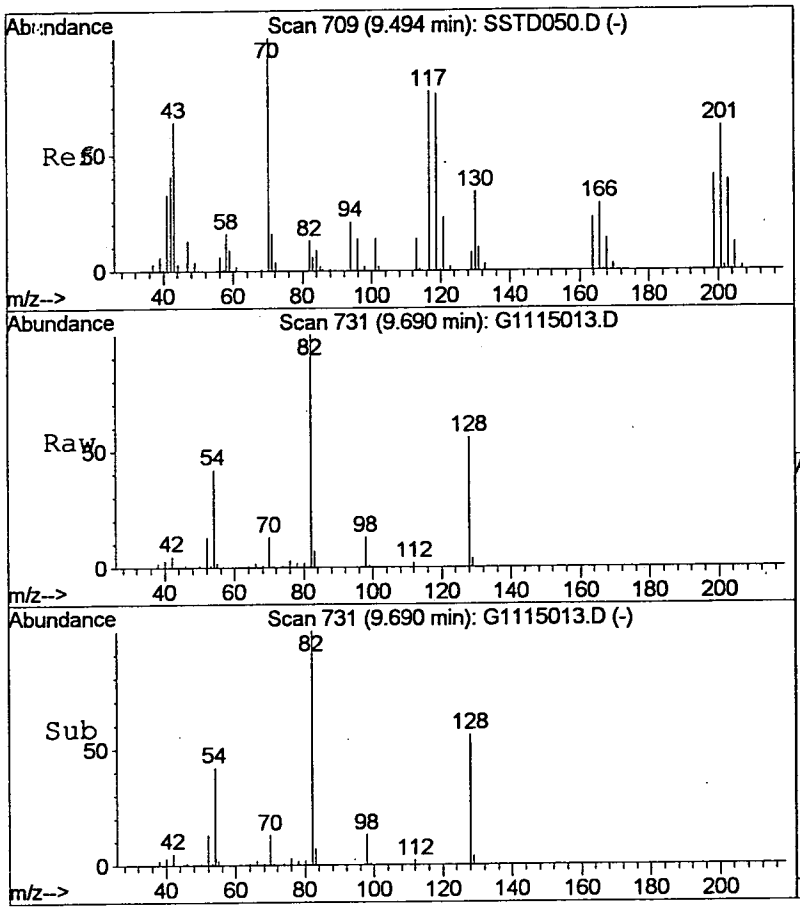
Data File : C:\GCMS62\DATA\07NOV15\G1115013.D
Acq On : 16 Nov 2007 1:19 am
Sample : IQK1137-04
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 1:50 19107

Vial: 15
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

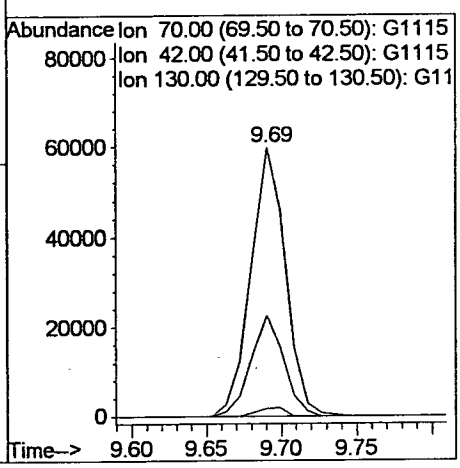


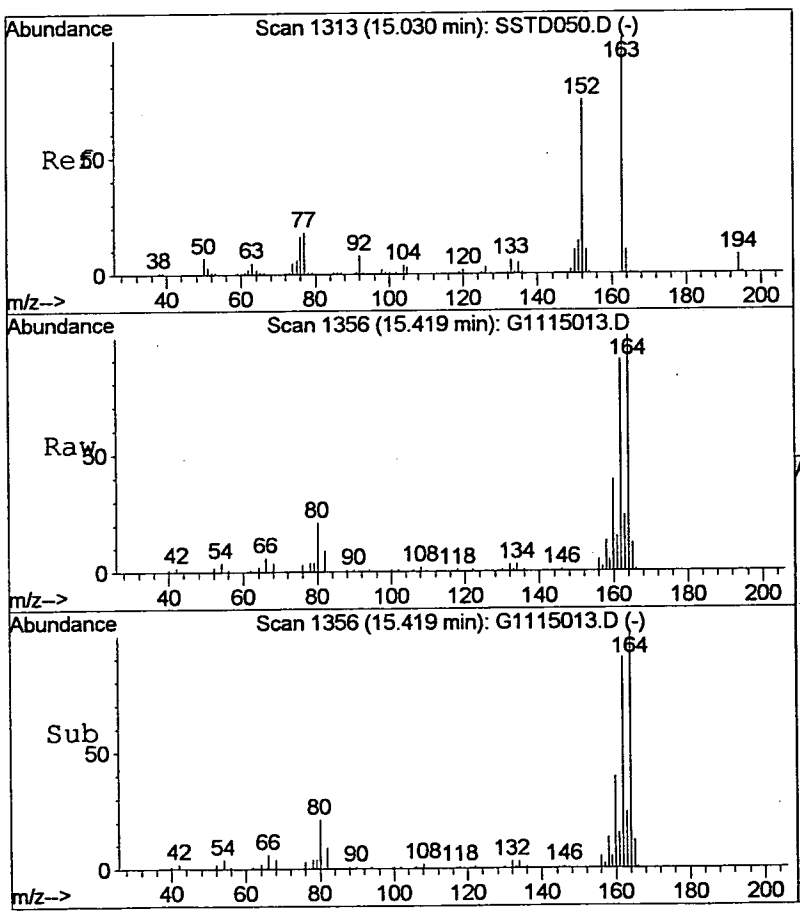


#18
N-Nitroso-di-n-propylamine
Concen: 6.57 ppm
RT: 9.69 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115013.D
Acq: 16 Nov 2007 1:19 am

Tgt Ion: 70 Resp: 97454

Ion	Ratio	Lower	Upper
70	100		
42	35.9	22.2	62.2
130	2.5	12.8	52.8#

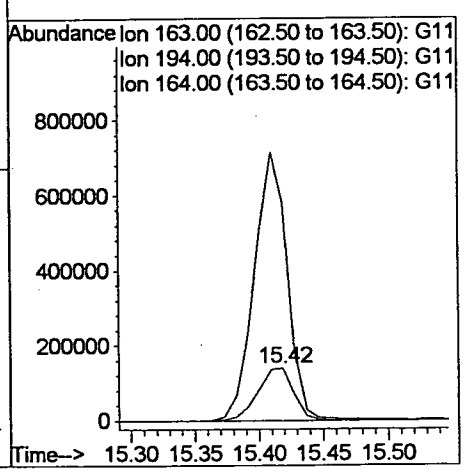


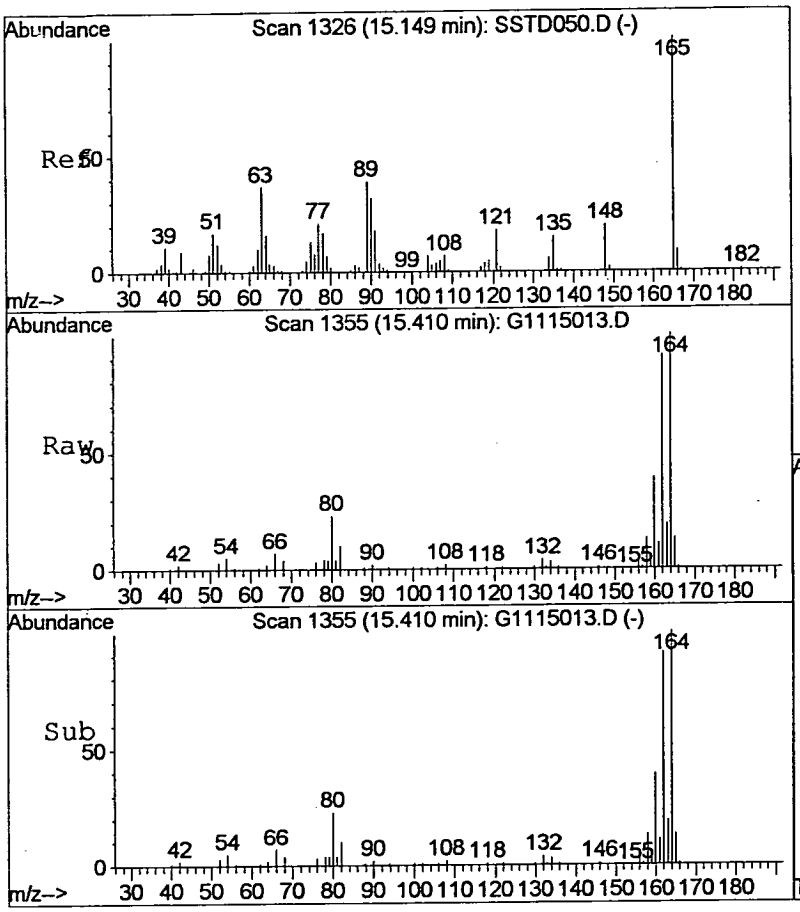


#45
Dimethylphthalate
Concen: 6.80 ppm
RT: 15.42 min Scan# 1356
Delta R.T. 0.39 min
Lab File: G1115013.D
Acq: 16 Nov 2007 1:19 am

Tgt Ion:163 Resp: 274107

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	472.0	0.0	29.8#

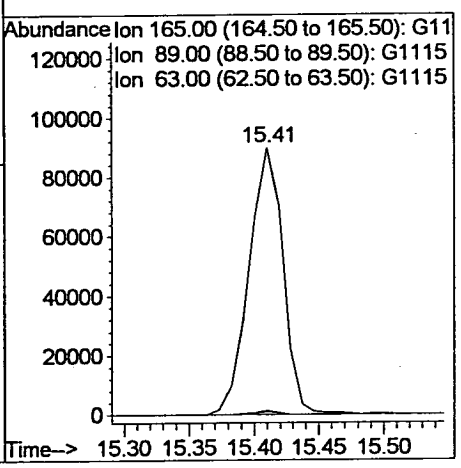


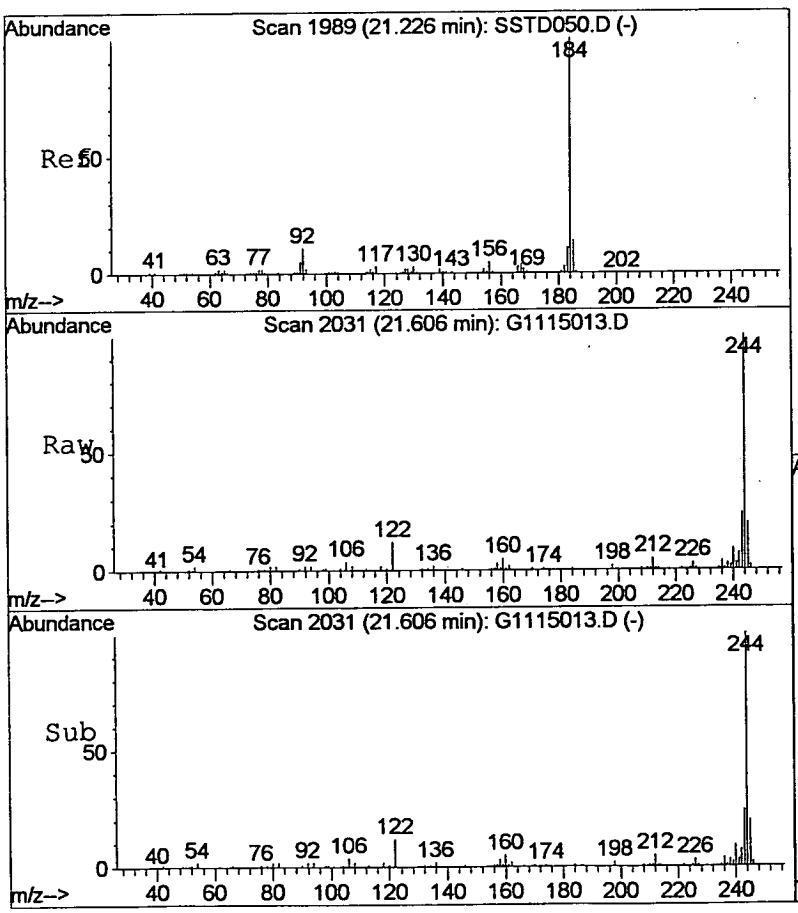


#46
2,6-Dinitrotoluene
Concen: 15.58 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.26 min
Lab File: G1115013.D
Acq: 16 Nov 2007 1:19 am

Tgt Ion:165 Resp: 164147

Ion	Ratio	Lower	Upper
165	100		
89	0.7	18.7	58.7#
63	1.1	20.3	60.3#

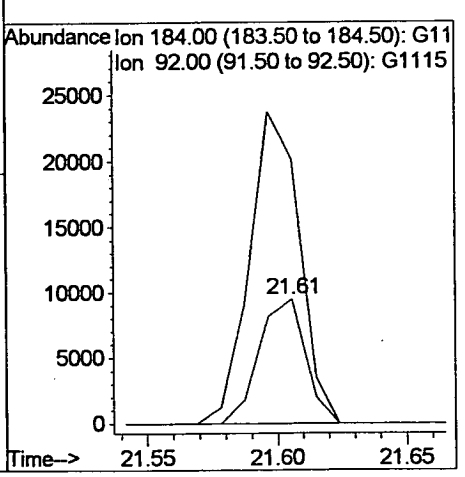




#75
Benzidine
Concen: 0.89 ppm
RT: 21.61 min Scan# 2031
Delta R.T. 0.38 min
Lab File: G1115013.D
Acq: 16 Nov 2007 1:19 am

Tgt Ion:184 Resp: 11780

Ion	Ratio	Lower	Upper
184	100		
92	269.4	0.0	31.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115014.D Vial: 16
Acq On : 16 Nov 2007 1:57 am Operator: DF/AI
Sample : IQK1137-06 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 2:29 19107 Quant Results File: G7K15SV.RES

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

CB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.41	152	828766	40.00	ppm	0.02
20) Naphthalene-d8 (IS)	11.26	136	3112582	40.00	ppm	0.00
36) Acenaphthene-d10 (IS)	15.41	164	1484807	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.82	188	1972117	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	1479170	40.00	ppm	0.00
82) Perylene-d12 (IS)	26.78	264	936976	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.96	112	2239963	66.94	ppm	0.08
Spiked Amount 100.000	Range 25 - 120		Recovery = 66.94%			
7) Phenol-d6 (SU)	7.83	99	2920644	80.77	ppm	0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 80.77%			
21) Nitrobenzene-d5 (SU)	9.70	82	1005498	36.44	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 72.88%			
40) 2-Fluorobiphenyl (SU)	13.88	172	2027235	38.73	ppm	0.00
Spiked Amount 50.000	Range 35 - 120		Recovery = 77.46%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	790116	78.71	ppm	0.00
Spiked Amount 100.000	Range 35 - 120		Recovery = 78.71%			
74) Terphenyl-d14 (SU)	21.60	244	1705931	41.71	ppm	0.00
Spiked Amount 50.000	Range 35 - 155		Recovery = 83.42%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.70	70	122270	7.13	ppm #	73
45) Dimethylphthalate	15.41	163	318453	6.92	ppm #	1
46) 2,6-Dinitrotoluene	15.41	165	185715	15.43	ppm #	37
75) Benzidine	21.60	184	15096	0.98	ppm #	1

(#) = qualifier out of range (m) = manual integration
G1115014.D G7K15SV.M Fri Nov 16 02:29:23 2007 Page 1

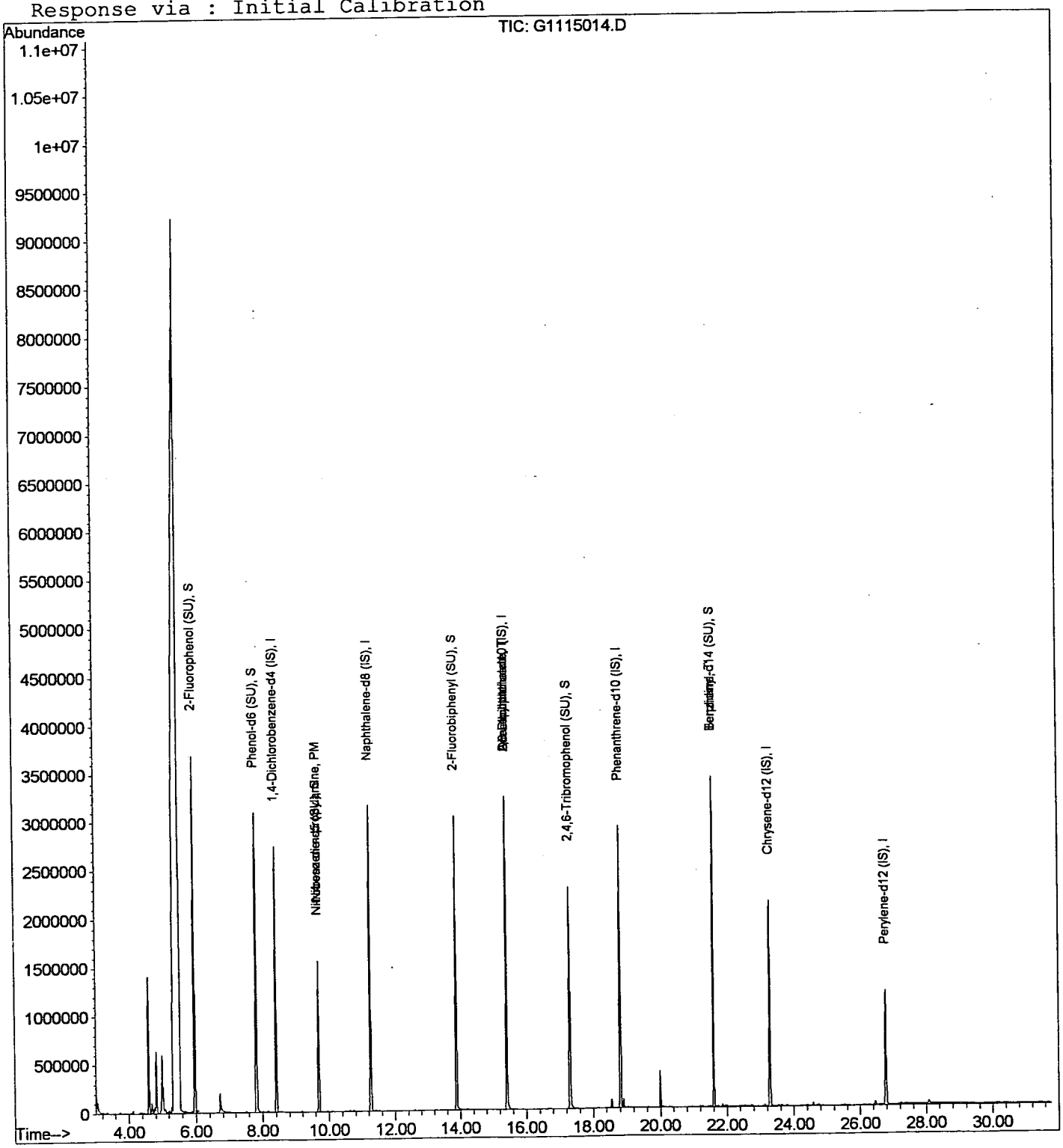
Quantitation Report

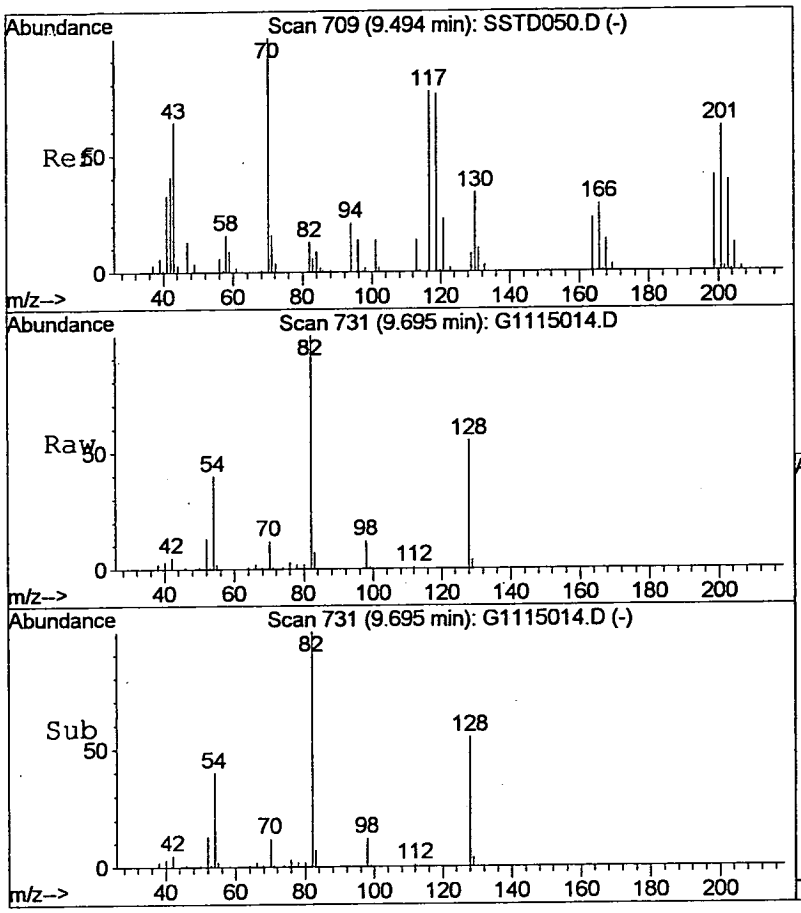
Data File : C:\GCMS62\DATA\07NOV15\G1115014.D
Acq On : 16 Nov 2007 1:57 am
Sample : IQK1137-06
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 2:29 19107

Vial: 16
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

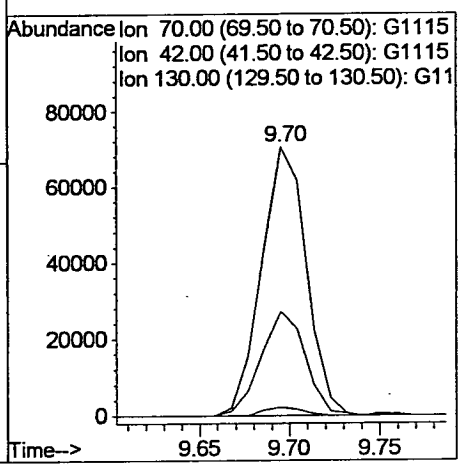


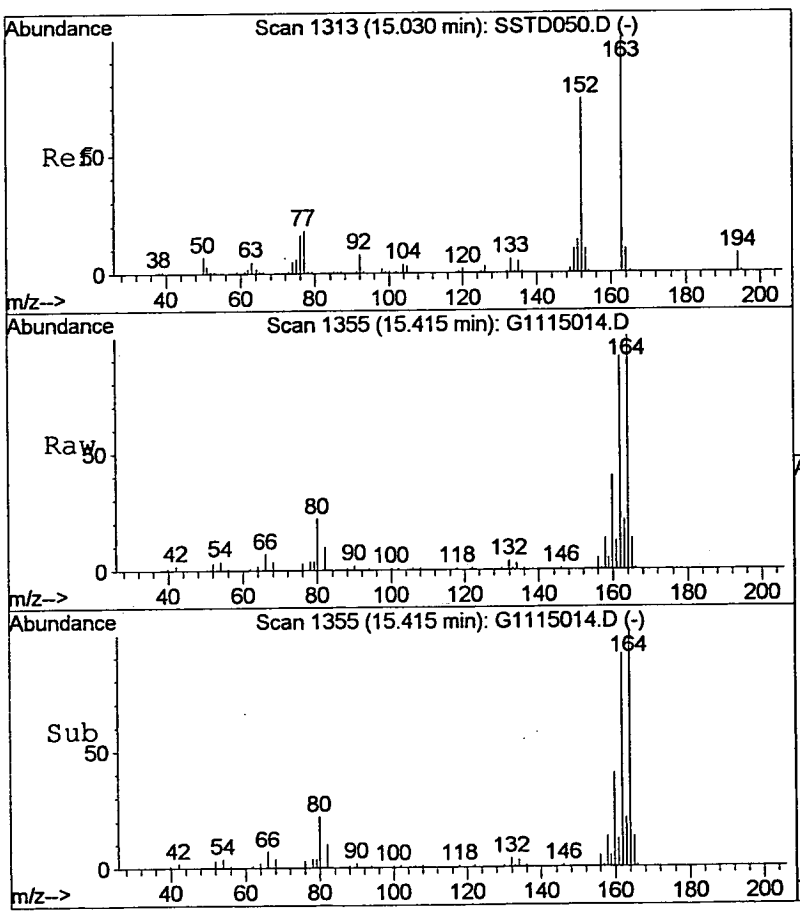


#18
N-Nitroso-di-n-propylamine
Concen: 7.13 ppm
RT: 9.70 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115014.D
Acq: 16 Nov 2007 1:57 am

Tgt Ion: 70 Resp: 122270

Ion	Ratio	Lower	Upper
70	100		
42	38.4	22.2	62.2
130	2.5	12.8	52.8#

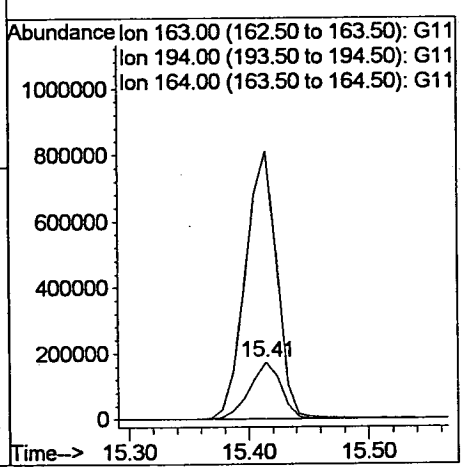


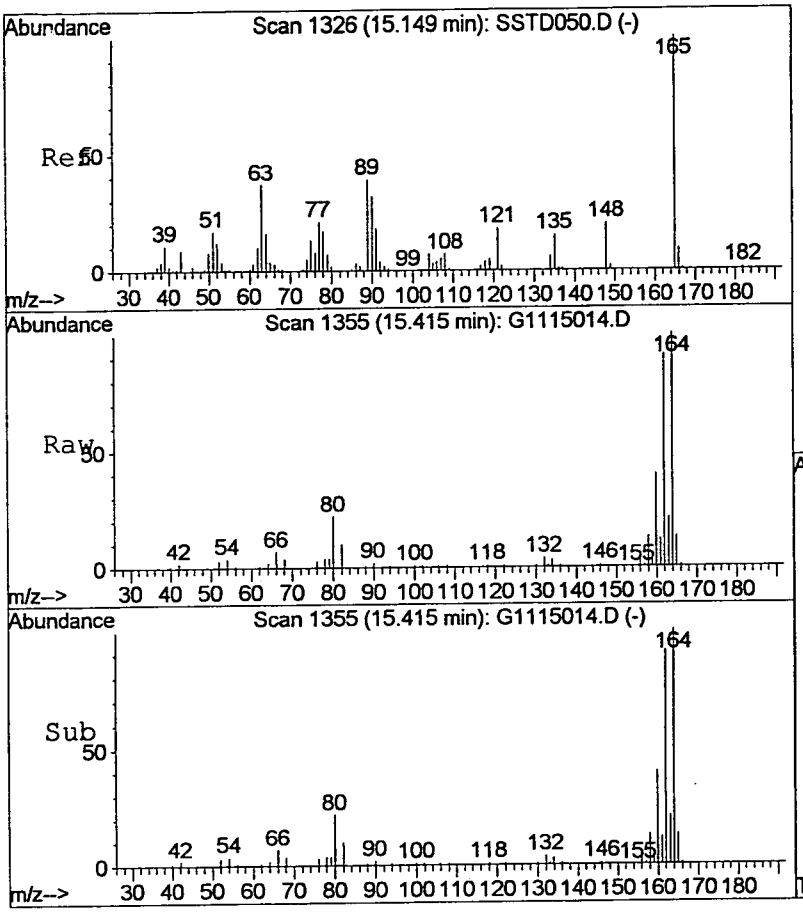


#45
Dimethylphthalate
Concen: 6.92 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.38 min
Lab File: G1115014.D
Acq: 16 Nov 2007 1:57 am

Tgt Ion:163 Resp: 318453

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	463.5	0.0	29.8#

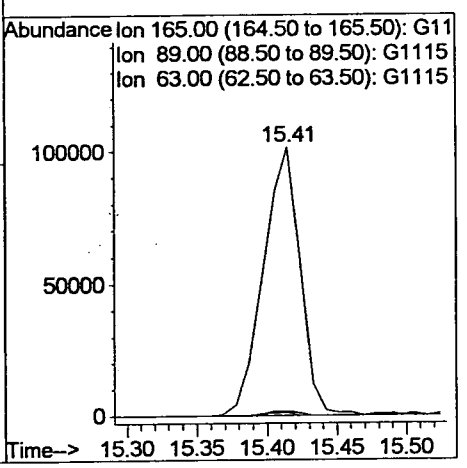


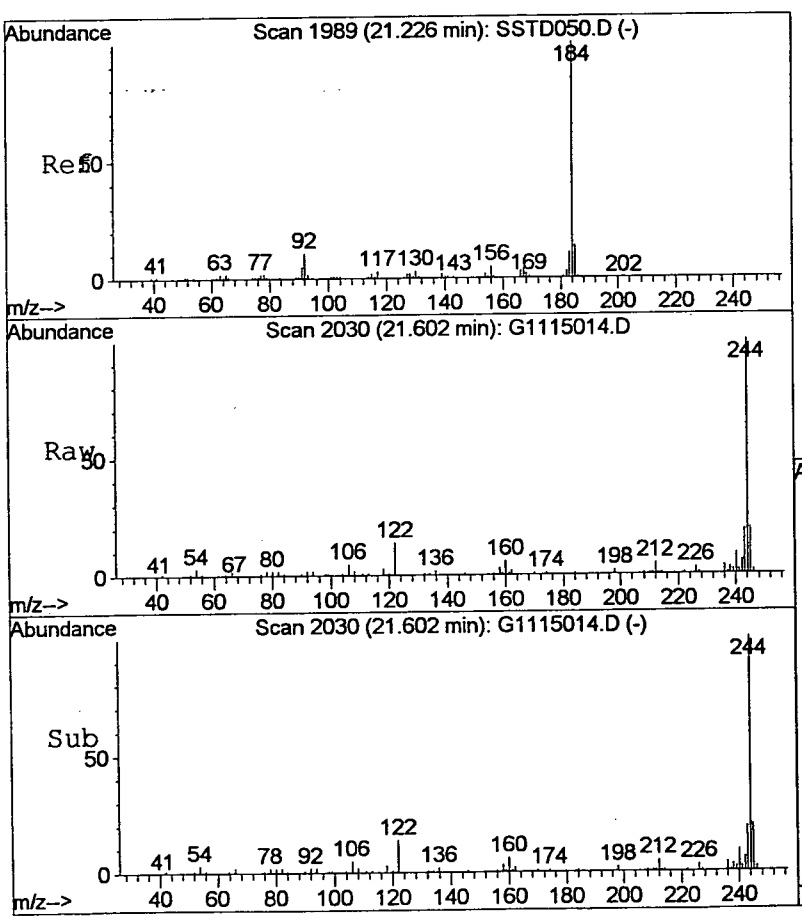


#46
2,6-Dinitrotoluene
Concen: 15.43 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.27 min
Lab File: G1115014.D
Acq: 16 Nov 2007 1:57 am

Tgt Ion:165 Resp: 185715

Ion	Ratio	Lower	Upper
165	100		
89	1.3	18.7	58.7#
63	0.8	20.3	60.3#

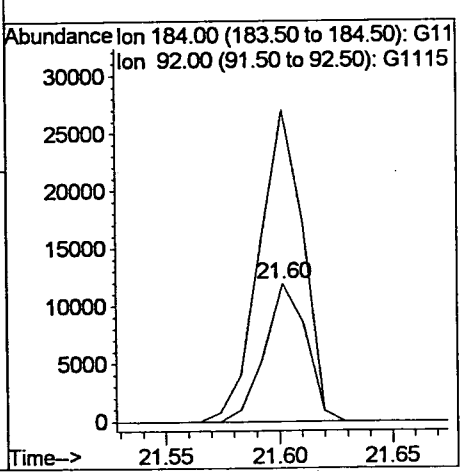




#75
Benzidine
Concen: 0.98 ppm
RT: 21.60 min Scan# 2030
Delta R.T. 0.38 min
Lab File: G1115014.D
Acq: 16 Nov 2007 1:57 am

Tgt Ion:184 Resp: 15096

Ion	Ratio	Lower	Upper
184	100		
92	237.4	0.0	31.6#



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV15\G1115015.D Vial: 17
Acq On : 16 Nov 2007 2:35 am Operator: DF/AI
Sample : IQK1137-07 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 3:07 19107 Quant Results File: G7K15SV.RES

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

LB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.40	152	718627	40.00	ppm	0.00
20) Naphthalene-d8 (IS)	11.25	136	2747839	40.00	ppm	-0.01
36) Acenaphthene-d10 (IS)	15.41	164	1368445	40.00	ppm	0.00
59) Phenanthrene-d10 (IS)	18.81	188	1886047	40.00	ppm	0.00
71) Chrysene-d12 (IS)	23.29	240	1287697	40.00	ppm	-0.01
82) Perylene-d12 (IS)	26.78	264	812250	40.00	ppm	0.00
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.94	112	1653012	56.97	ppm	0.06
Spiked Amount 100.000	Range 25 - 120		Recovery = 56.97%			
7) Phenol-d6 (SU)	7.81	99	2218549	70.76	ppm	0.02
Spiked Amount 100.000	Range 30 - 120		Recovery = 70.76%			
21) Nitrobenzene-d5 (SU)	9.69	82	752545	30.89	ppm	0.00
Spiked Amount 50.000	Range 30 - 120		Recovery = 61.78%			
40) 2-Fluorobiphenyl (SU)	13.88	172	1611634	33.41	ppm	-0.01
Spiked Amount 50.000	Range 35 - 120		Recovery = 66.82%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	648728	67.57	ppm	-0.01
Spiked Amount 100.000	Range 35 - 120		Recovery = 67.57%			
74) Terphenyl-d14 (SU)	21.60	244	1473101	41.37	ppm	-0.01
Spiked Amount 50.000	Range 35 - 155		Recovery = 82.74%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.69	70	93337	6.28	ppm	# 73
45) Dimethylphthalate	15.41	163	289367	6.82	ppm	# 1
46) 2,6-Dinitrotoluene	15.41	165	175567	15.83	ppm	# 37
75) Benzidine	21.60	184	12618	0.94	ppm	# 1

(#) = qualifier out of range (m) = manual integration
G1115015.D G7K15SV.M Fri Nov 16 03:07:36 2007 Page 1

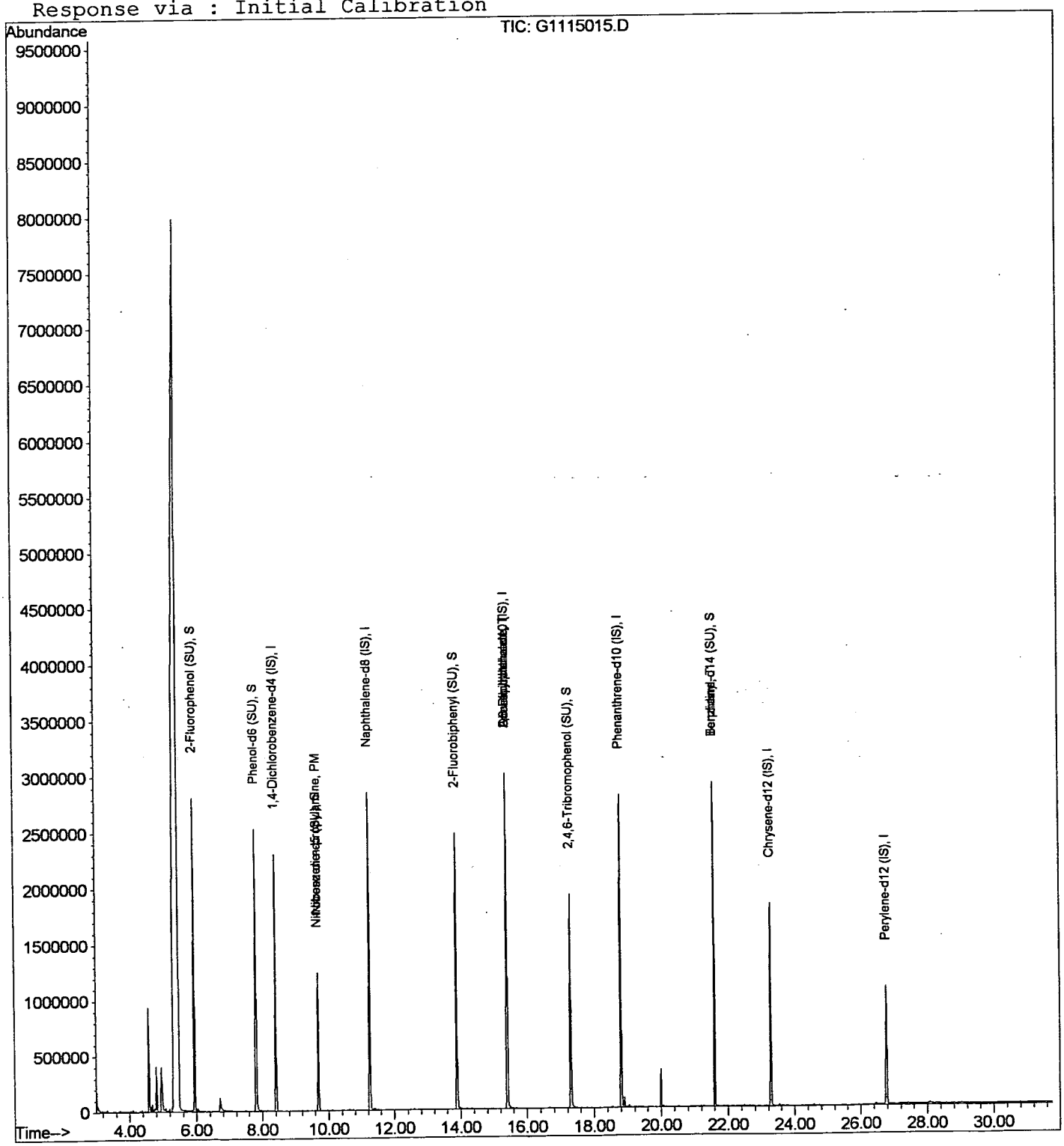
Quantitation Report

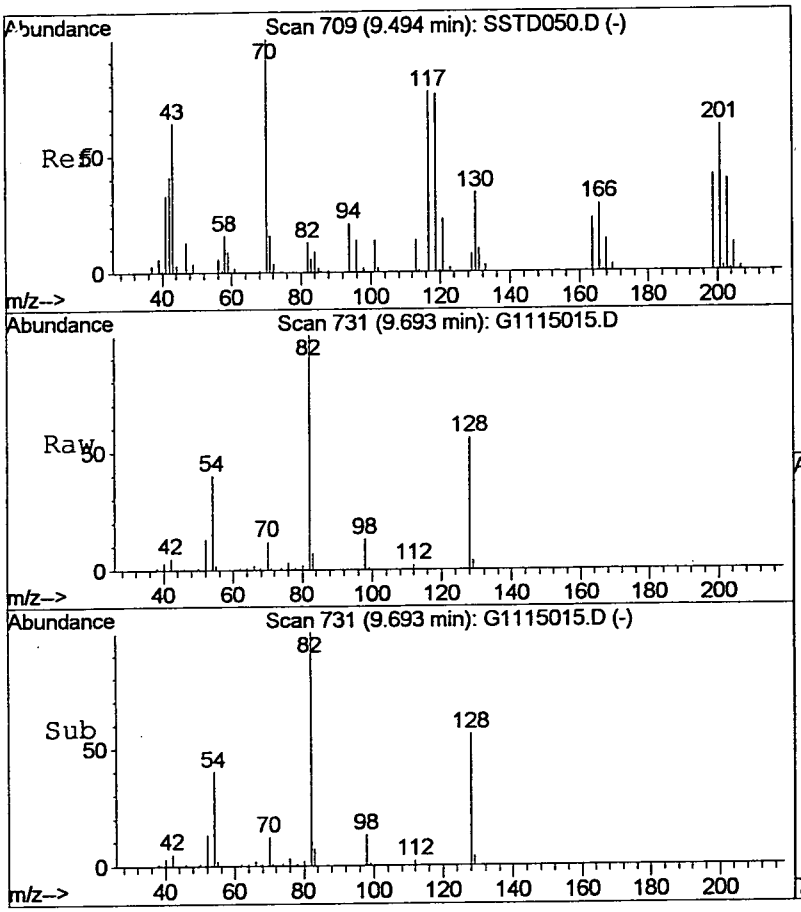
Data File : C:\GCMS62\DATA\07NOV15\G1115015.D
Acq On : 16 Nov 2007 2:35 am
Sample : IQK1137-07
Misc : SOIL 15G/1ml --- Batch 7K12065
MS Integration Params: RTEINT.P
Quant Time: Nov 16 3:07 19107

Vial: 17
Operator: DF/AI
Inst : GCMS62
Multiplr: 1.00

Quant Results File: G7K15SV.RES

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

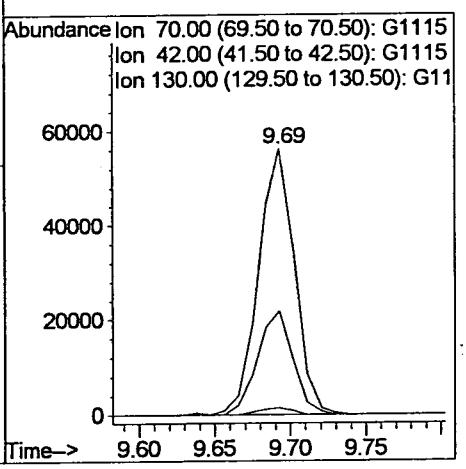


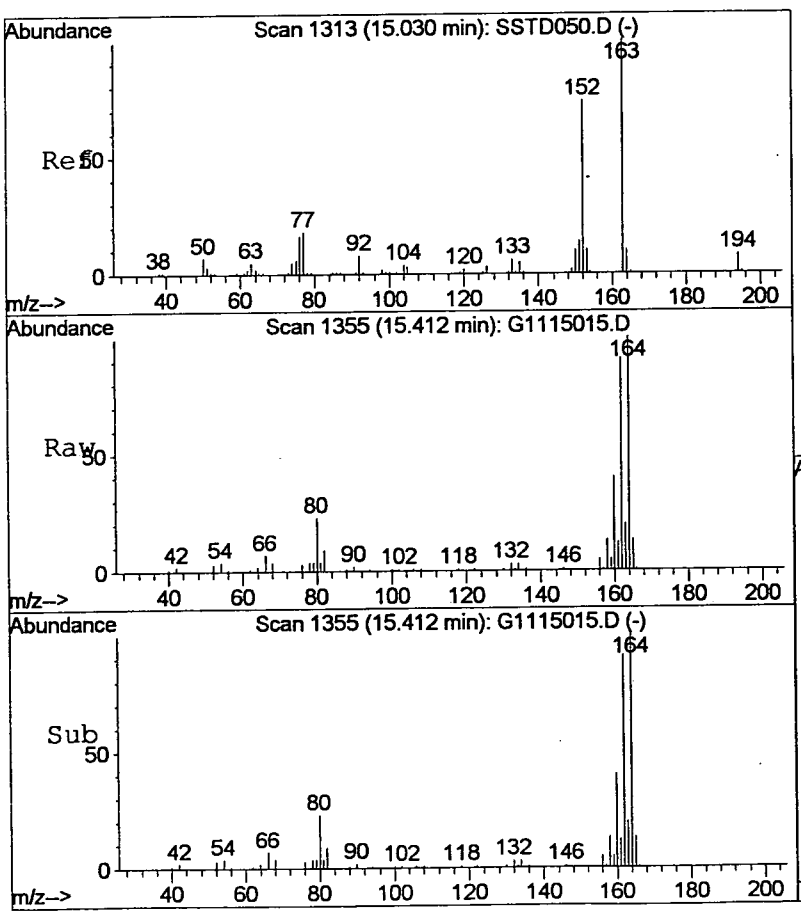


#18
N-Nitroso-di-n-propylamine
Concen: 6.28 ppm
RT: 9.69 min Scan# 731
Delta R.T. 0.20 min
Lab File: G1115015.D
Acq: 16 Nov 2007 2:35 am

Tgt Ion: 70 Resp: 93337

Ion	Ratio	Lower	Upper
70	100		
42	38.6	22.2	62.2
130	2.3	12.8	52.8#

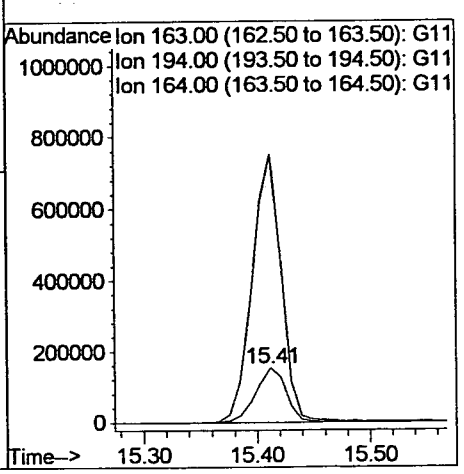


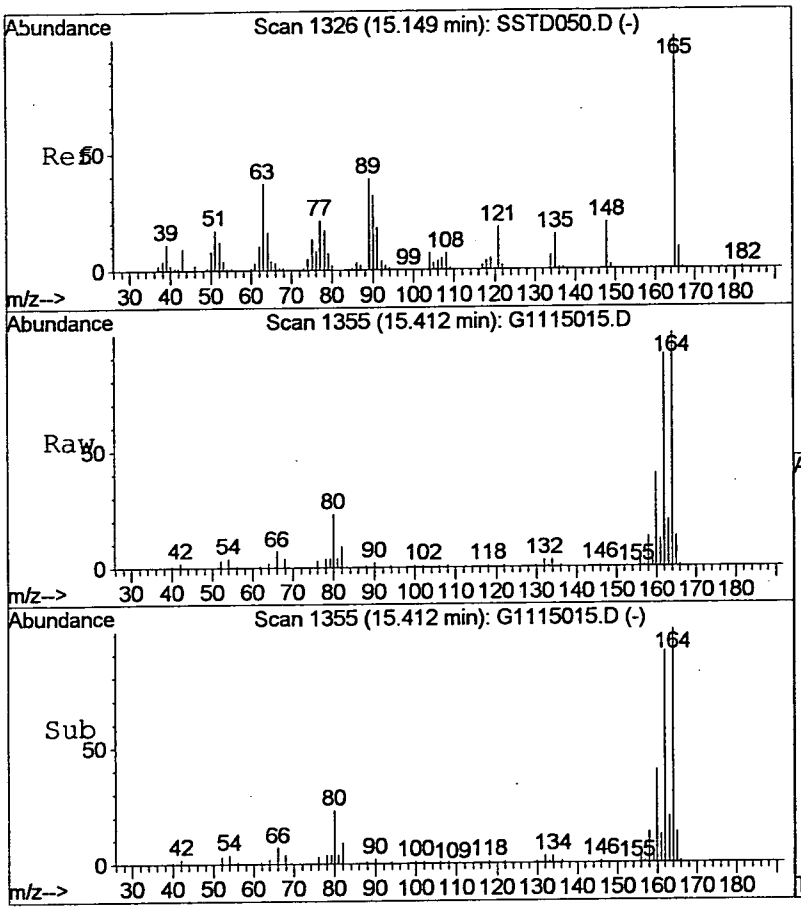


#45
Dimethylphthalate
Concen: 6.82 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.38 min
Lab File: G1115015.D
Acq: 16 Nov 2007 2:35 am

Tgt Ion:163 Resp: 289367

Ion	Ratio	Lower	Upper
163	100		
194	0.0	0.0	27.8
164	468.9	0.0	29.8#

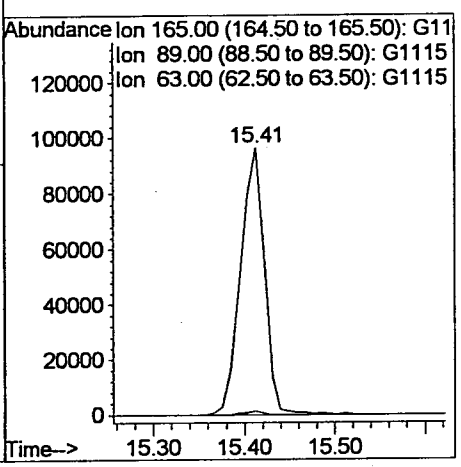


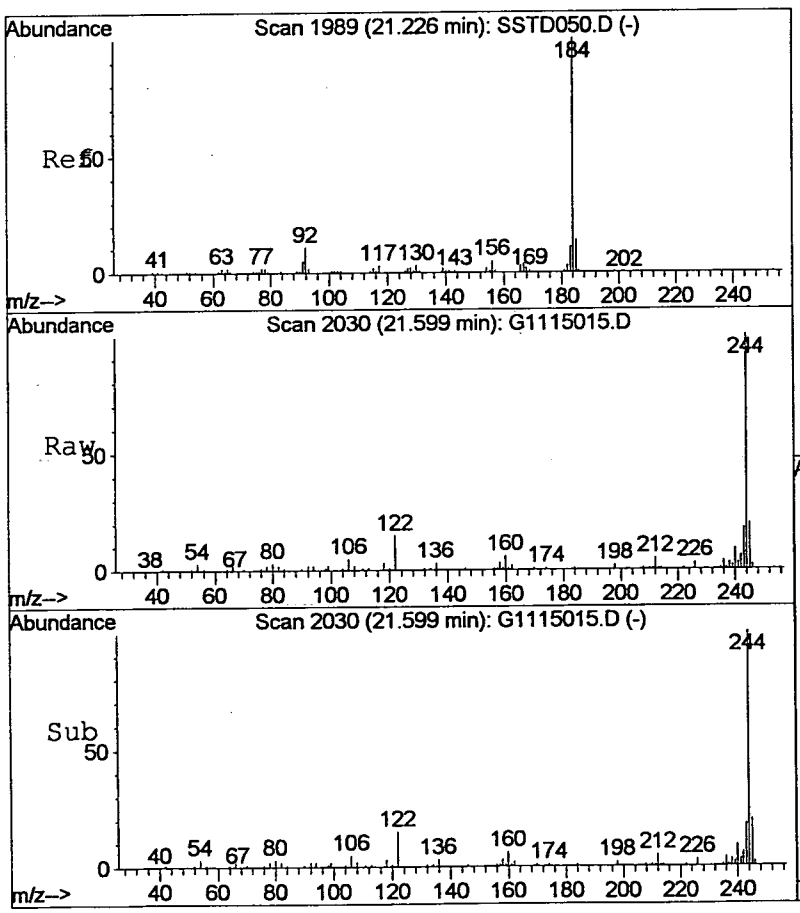


#46
2,6-Dinitrotoluene
Concen: 15.83 ppm
RT: 15.41 min Scan# 1355
Delta R.T. 0.26 min
Lab File: G1115015.D
Acq: 16 Nov 2007 2:35 am

Tgt Ion:165 Resp: 175567

Ion	Ratio	Lower	Upper
165	100		
89	1.0	18.7	58.7#
63	1.0	20.3	60.3#

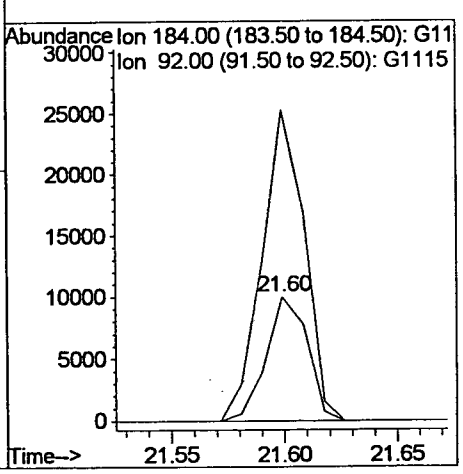




#75
Benzidine
Concen: 0.94 ppm
RT: 21.60 min Scan# 2030
Delta R.T. 0.37 min
Lab File: G1115015.D
Acq: 16 Nov 2007 2:35 am

Tgt Ion:184 Resp: 12618

Ion	Ratio	Lower	Upper
184	100		
92	259.0	0.0	31.6#



GC/MS DAILY LOG SUMMARY

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

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

#	SAMPLE NAME	Dil	FILENAME	S/W	Prep	Batch #	Posted	Rev'd	Comments
1	50ppm DFTPP STD	***	STUN1	***	Pass @ 13:13				
2	50ppm Midpoint STD	***	SSTD050	***					
3	5 PPM		005						# 7100428
4	10 PPM		010						429
5	80 PPM		080						432
6	7K17046-BLK	-	G1119001	S	SH/LB	17046	SH 11-20-07	LB 11-20-07	
7	-BS1	-	02						
8	7K15059-BLK	-	03			15059	SH 11-20-07		
9	-BS1	-	04						
10	-BSD1	-	05						
11	7K16100-BLK1	-	06	TCLP		16100	SH 11-20-07	LB 11-20-07	
12	-BS1	-	07						
13	1QK1137-08	-	08	S		12065	SH 11-20-07		
14	1QK1480-01	-	09			17046	SH 11-20-07	LB 11-20-07	
15	-02	-	10						
16	-03	-	11						
17	-04	-	12						
18	-05	-	13						
19	-06	-	14						
20	-07	-	15						
21	1QK1332-01	-	16	W		15059	SH 11-20-07	LB 11-20-07	
22	1QK1515-01	-	17						
23	1QK1517-01	-	18						
24	1QK1519-01	-	19						
25	1QK1520-01	-	20						
26	1QK1521-01	-	21						
27	1QK1171-02	-	22						
28	1QK1328-01	-	23						
29									
30									

Tailing Factor & Degradation: Methylene Chloride Lot# E36E29

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

Standard Code:

DFTPP: 7100452 Internal Standard: 7110338 Calibration: 7110295

GC/MS QA-QC Check Report

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

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

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

- fails 12hr time check * - fails criteria

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

CONTINUING CALIBRATION CHECK

EPA METHOD 8270

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

CCC Compounds, max %D=20

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

SPCC Compounds

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

* Denotes values out of expected range.

Daily Midpoint Continuing Check
EPA 8270C

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

Source: Crescent Chemical
Instrument: GCMS62

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

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

Surrogates

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

*Denotes values out of expected range.

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

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

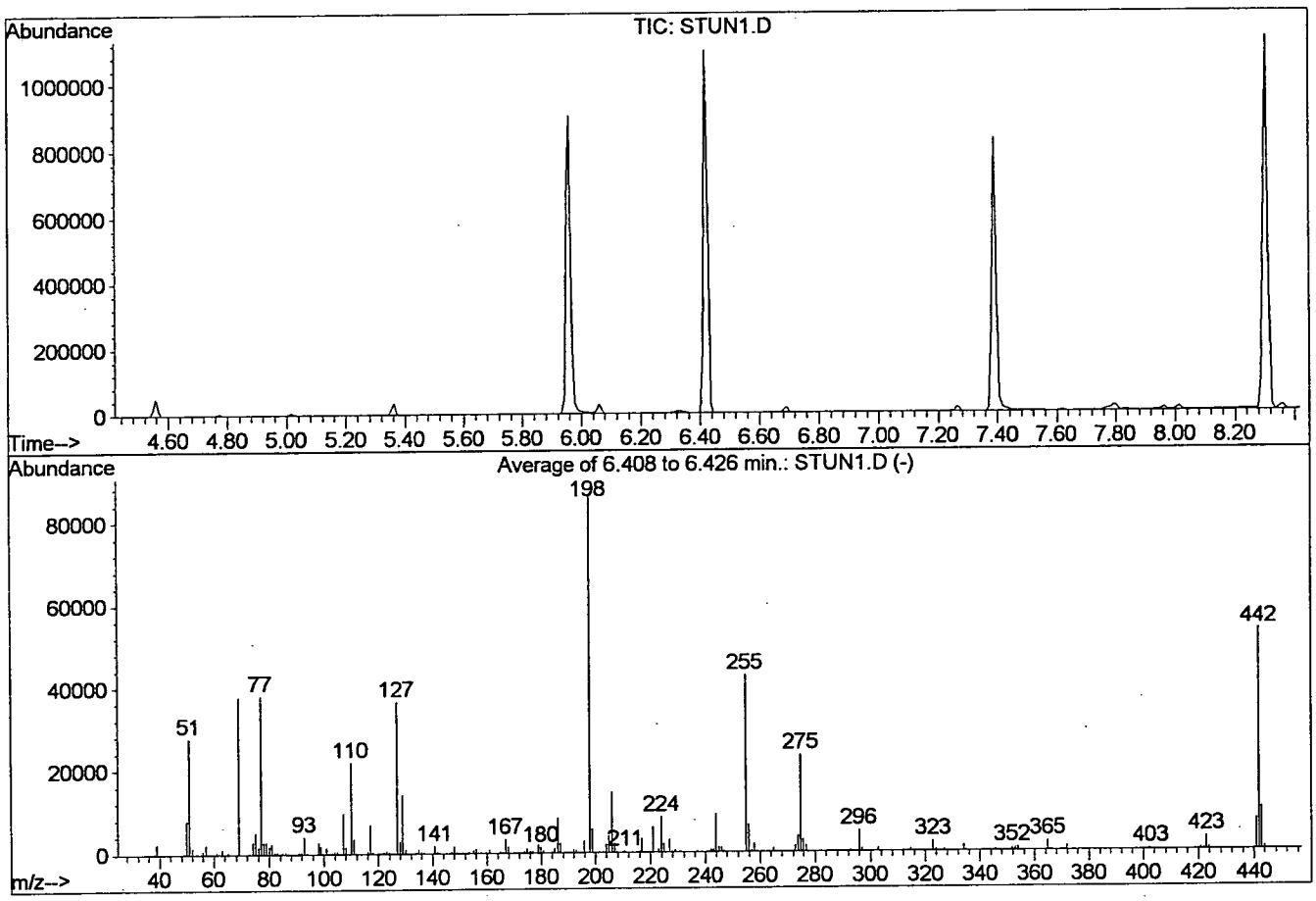
2nd Level Rev	Analyst Rev	
✓	✓	**DFTPP Tuning :** Benzidine tailing <=3; Pentachloropehnol tailing <=5; DDT degradation <=20%
	✓	**Calibration :**
✓	✓	• Minimum 5-point calibration – lowest standard at RL (>= 6-point for quadratic regression).
✓	✓	• Minimum Response Factors (RF) for SPCCs: >=0.050
✓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

Comments:

DFTPP

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

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



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

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

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

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

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

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

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

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

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

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

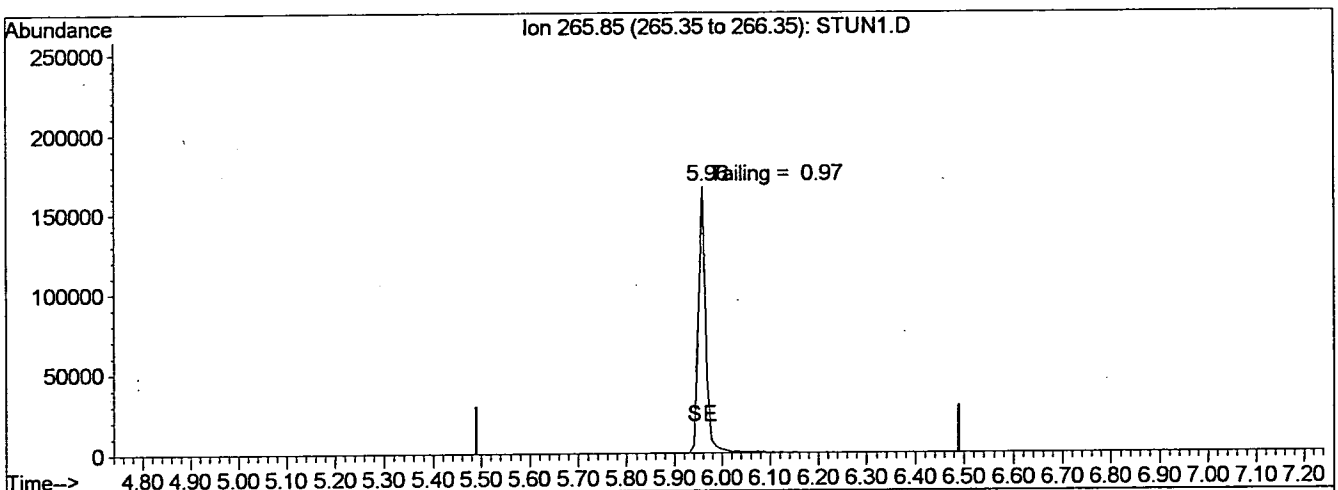
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
272.80	1447	323.85	417	371.85	959		
273.85	3769	326.80	407	401.80	197		
274.80	23210	333.90	1345	402.70	273		
275.80	2888	334.80	207	420.80	330		
276.80	1433	340.80	167	421.80	201		
292.80	203	345.75	405	422.80	3041		
295.80	4988	351.75	622	423.75	570		
296.80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

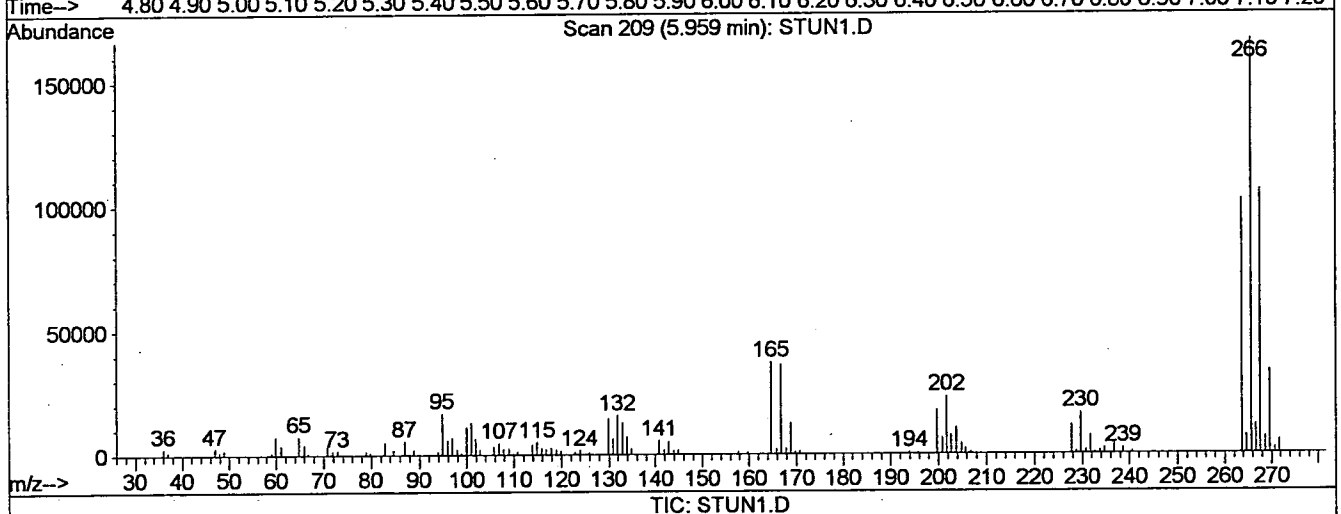
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
Quant Time: Nov 19 13:23:13 2007 RTE Volume: 07P

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

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





TIC: STUN1.D

(1) Pentachlorophenol

5.96min 23.24ug/ml

response 179106

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

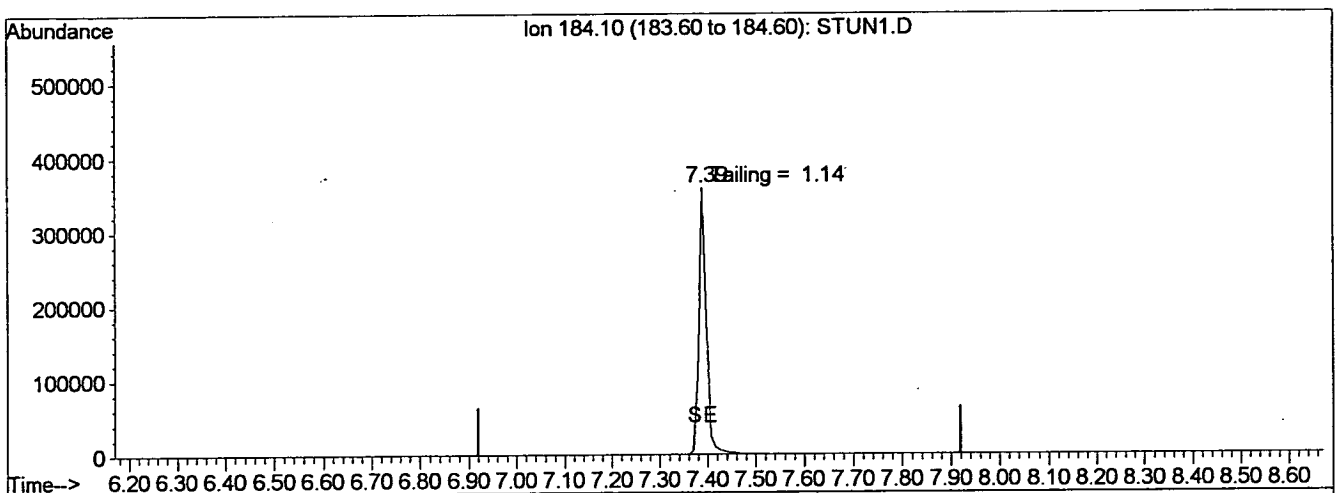
STUN1.D DFTPP.M Mon Nov 19 13:24:13 2007

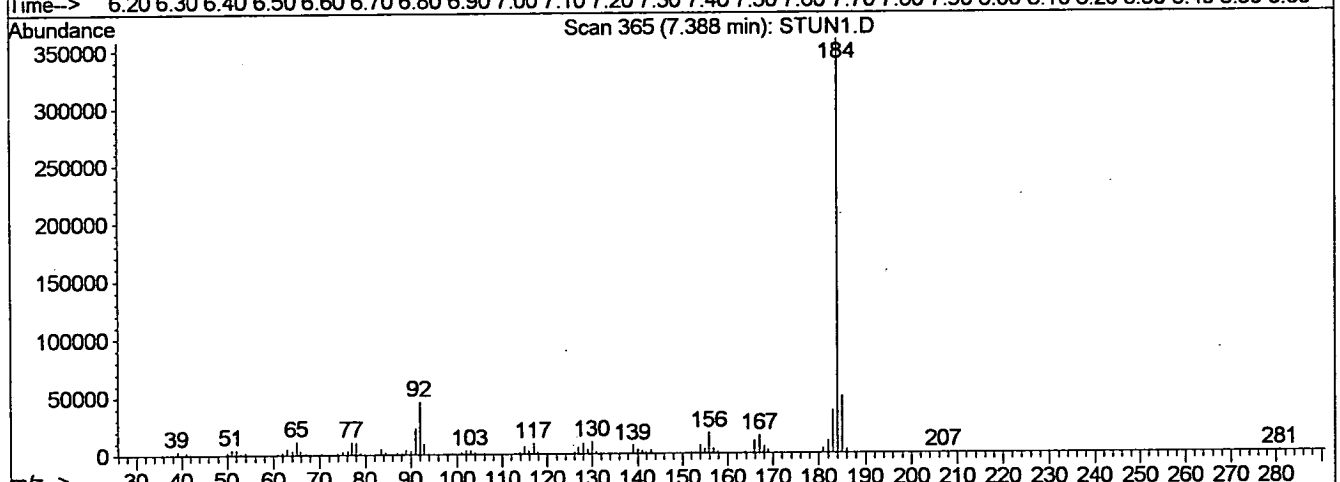
Quantitation Report

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

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

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





TIC: STUN1.D

(3) BENZIDINE

7.39min 24.65ug/ml

response 394650

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

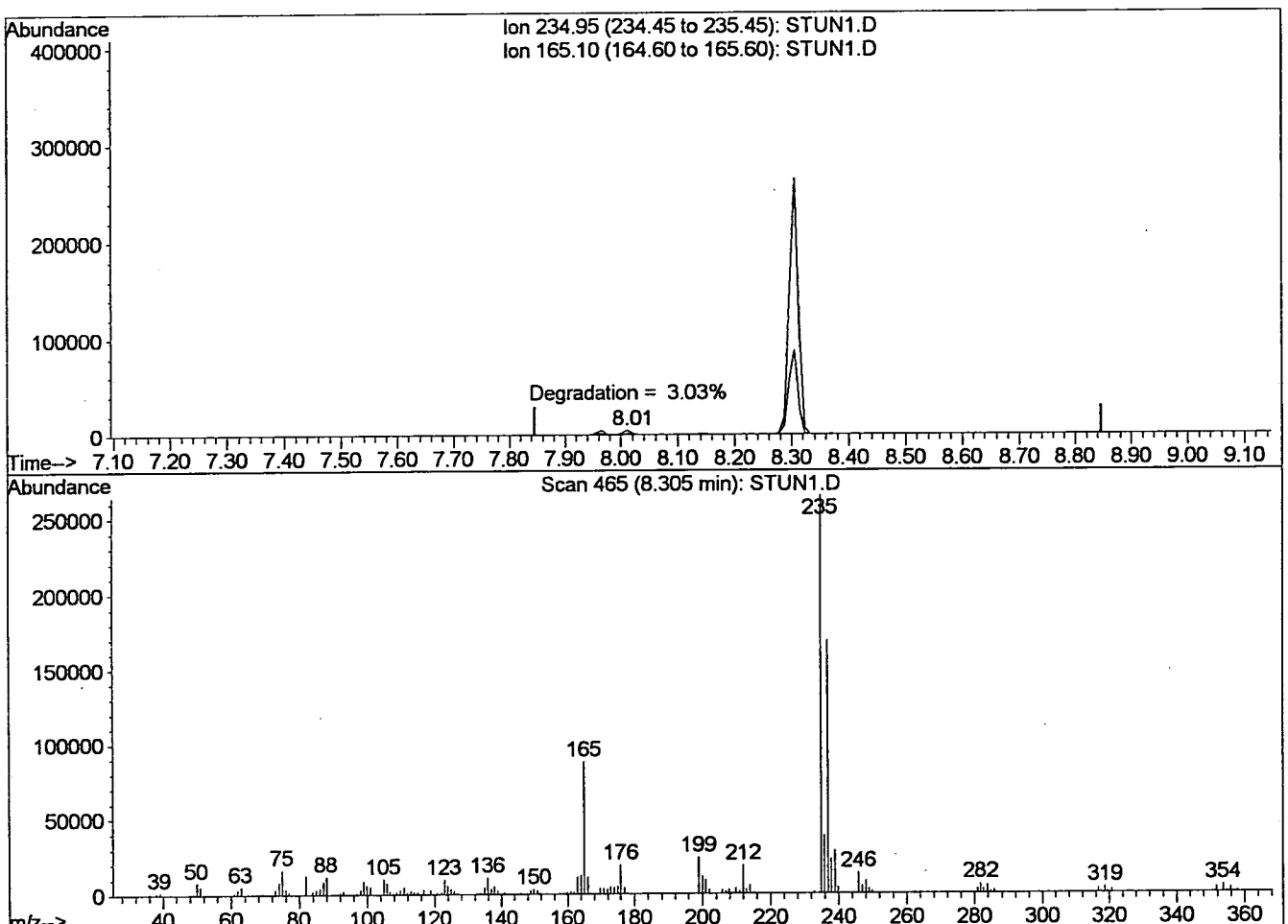
STUN1.D DFTPP.M Mon Nov 19 13:24:22 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\STUN1.D
Acq On : 19 Nov 2007 1:13 pm
Sample : DFTPP #7100452
Misc : 50ppm DFTPP Tune Evaluation
MS Integration Params: RTE2NT07P

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

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



(4) DDT

8.30min 28.36ug/ml

response 291582

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

Quant Results File: G7K15SV.RES

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

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

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

Quantitation Report (QT Reviewed)

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

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

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

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

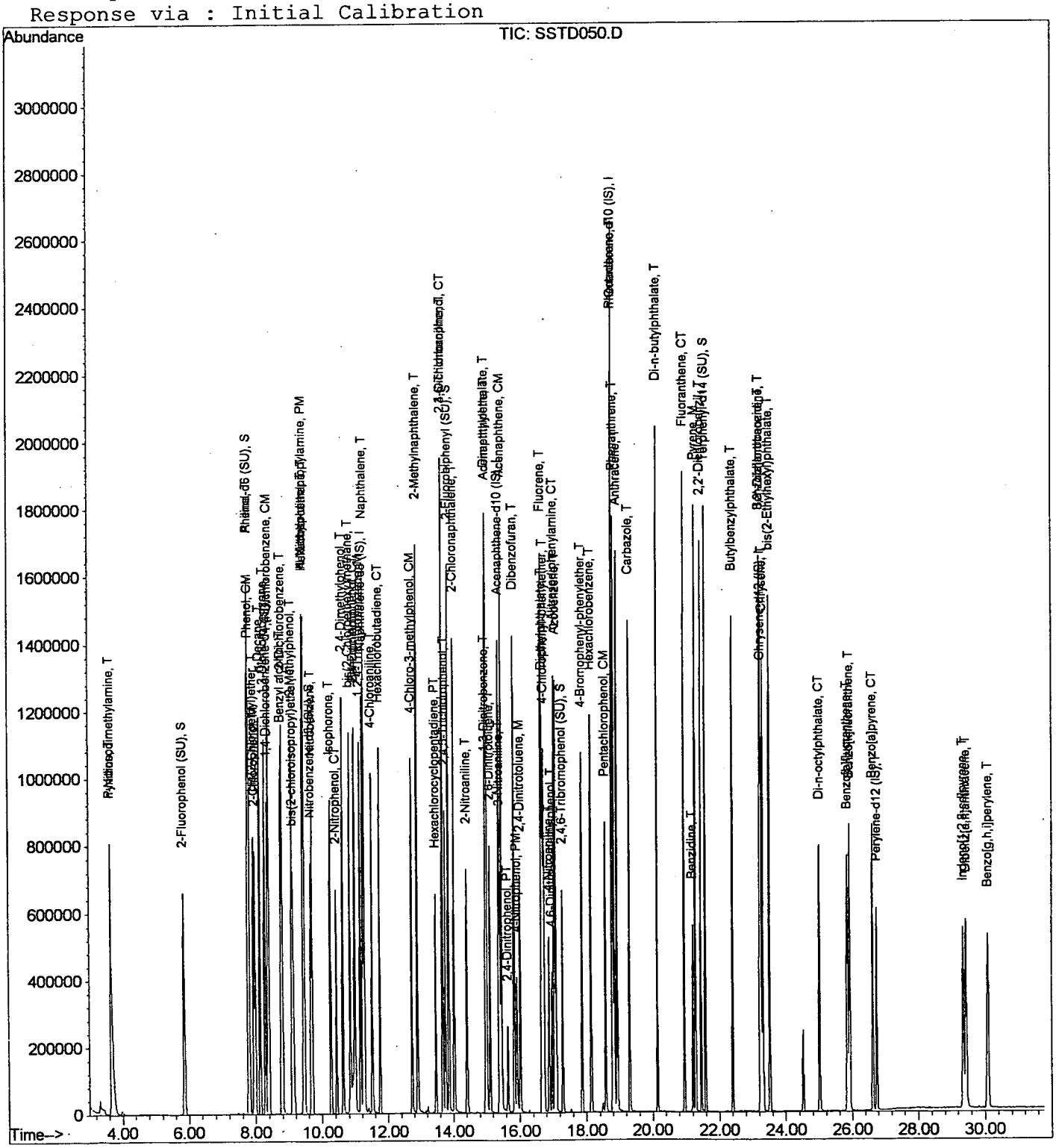
Quantitation Report

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

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

Quant Results File: G7K15SV.RES

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



Evaluate Continuing Calibration Report

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

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

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

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

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

(#) = Out of Range

Evaluate Continuing Calibration Report

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

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

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

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

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

(#) = Out of Range

Evaluate Continuing Calibration Report

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

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

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

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

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

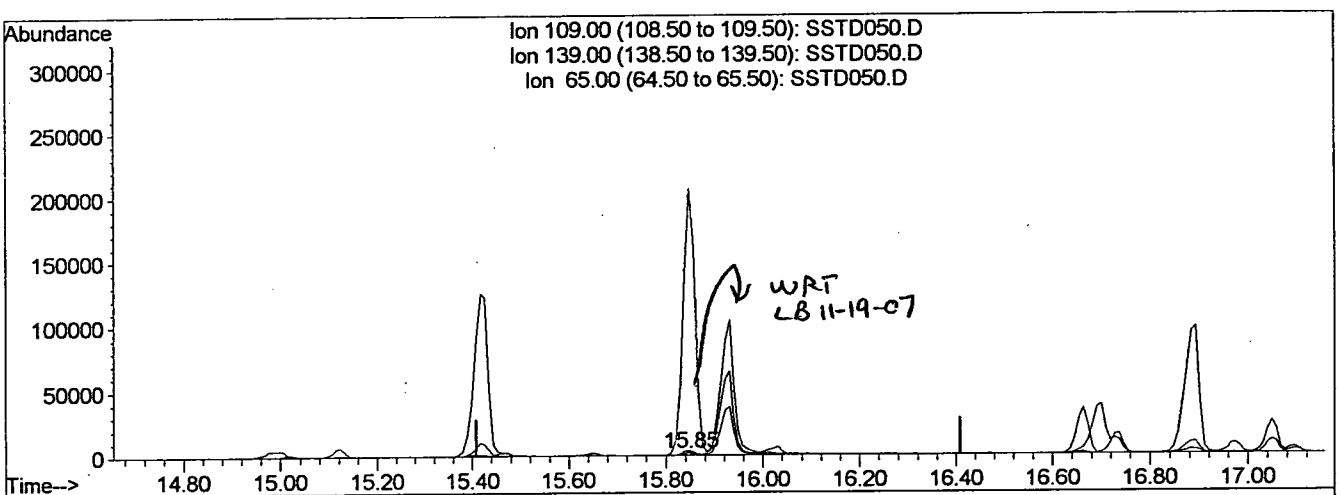
(#) = Out of Range SPCC's out = 0 CCC's out = 1

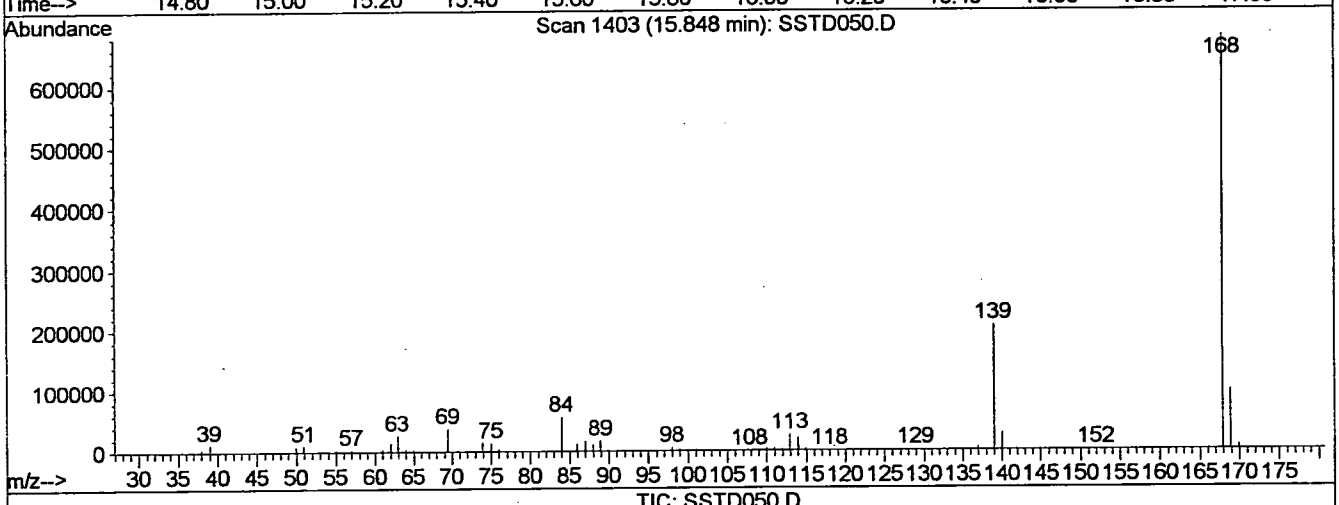
Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D
Acq On : 19 Nov 2007 1:28 pm
Sample : 50ppm MP STD #7110295
Misc : ICAL -- 8270/625
MS Integration Params: RTE2107P

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

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





TIC: SSTD050.D

(52) 4-Nitrophenol (PM)

15.85min 5.02ppm

response 2696

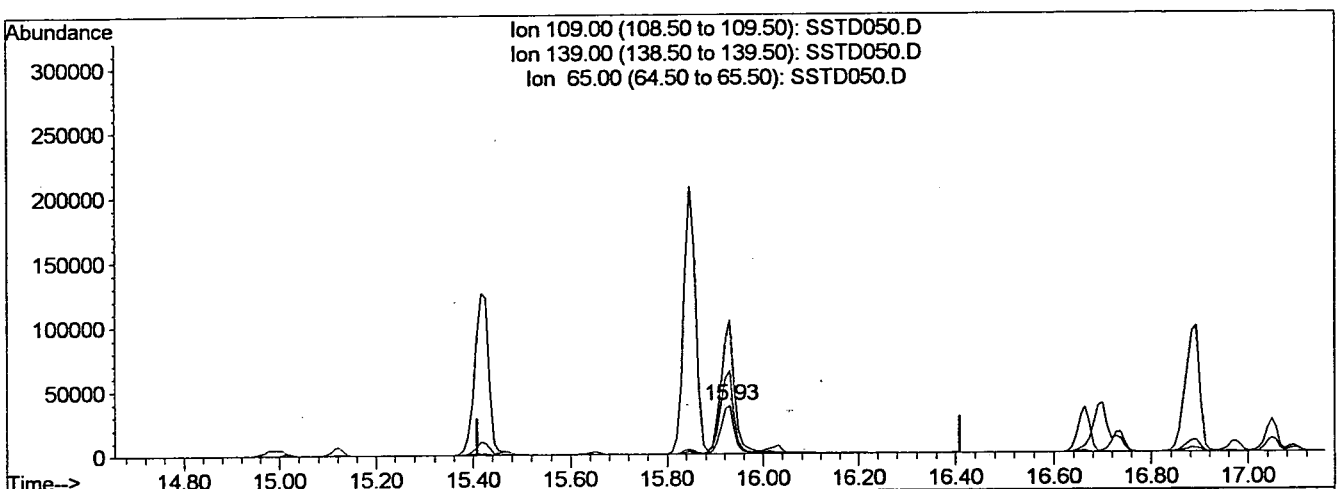
Ion	Exp%	Act%
109.00	100	100
139.00	698.70	12987.65#
65.00	162.70	216.69#
0.00	0.00	0.00

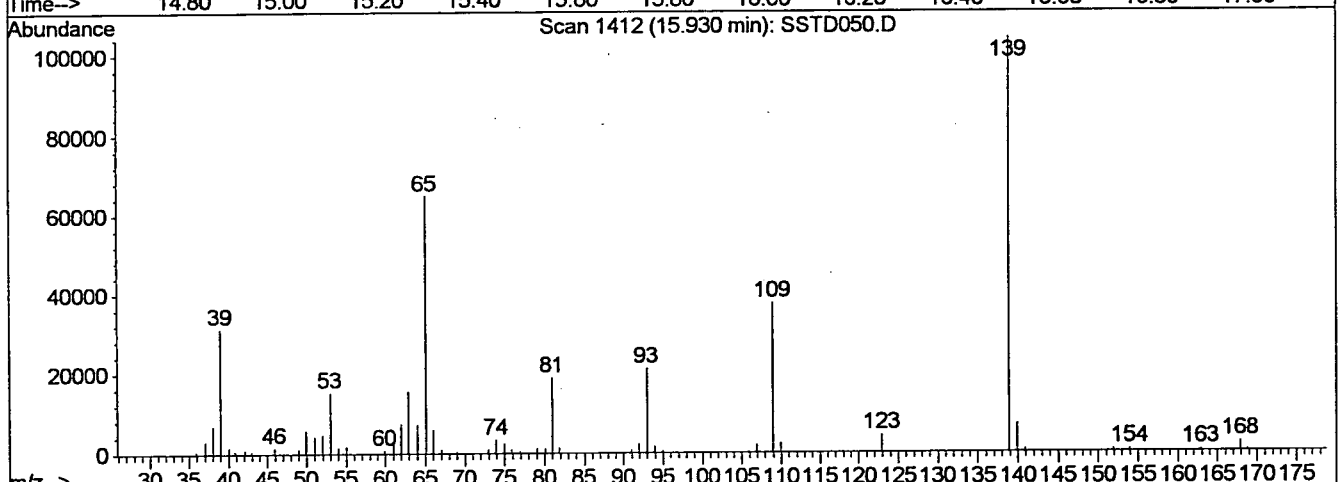
SSTD050.D G7K15SV.M Mon Nov 19 15:46:18 2007

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
Quant Time: Nov 19 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Multiple Level Calibration





TIC: SSTD050.D

(52) 4-Nitrophenol (PM)

15.93min 44.97ppm m

response 77461

Ion	Exp%	Act%
109.00	100	100
139.00	698.70	452.03#
65.00	162.70	7.54#
0.00	0.00	0.00

SSTD050.D G7K15SV.M Mon Nov 19 15:46:22 2007

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.36	152	327124	40.00	ppm	-0.03
20) Naphthalene-d8 (IS)	11.24	136	1222236	40.00	ppm	-0.03
36) Acenaphthene-d10 (IS)	15.39	164	597069	40.00	ppm	-0.03
59) Phenanthrene-d10 (IS)	18.80	188	786504	40.00	ppm	-0.02
71) Chrysene-d12 (IS)	23.27	240	671182	40.00	ppm	-0.03
82) Perylene-d12 (IS)	26.75	264	420413	40.00	ppm	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.85	112	681362	51.59	ppm	-0.03
Spiked Amount 100.000	Range 30 - 120		Recovery = 51.59%			
7) Phenol-d6 (SU)	7.78	99	773789	54.22	ppm	-0.02
Spiked Amount 100.000	Range 40 - 120		Recovery = 54.22%			
21) Nitrobenzene-d5 (SU)	9.67	82	533007	49.19	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 98.38%			
40) 2-Fluorobiphenyl (SU)	13.87	172	1044226	49.62	ppm	-0.03
Spiked Amount 50.000	Range 40 - 120		Recovery = 99.24%			
62) 2,4,6-Tribromophenol (SU)	17.30	330	196646	49.12	ppm	-0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 49.12%			
74) Terphenyl-d14 (SU)	21.59	244	870088	46.88	ppm	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 93.76%			
Target Compounds						Qvalue
3) Pyridine	3.65	79	771333	54.08	ppm	99
4) n-Nitrosodimethylamine	3.65	74	474144	54.22	ppm	95
5) bis(2-Chloroethyl)ether	7.95	93	691713	54.34	ppm	89
6) Aniline	7.77	93	999009	55.87	ppm	95
8) Phenol	7.81	94	894005	54.80	ppm	97
9) 2-Chlorophenol	7.98	128	600937	51.63	ppm	99
10) n-Decane	8.13	57	557965	52.91	ppm	99
11) 1,3-Dichlorobenzene	8.28	146	667867	50.82	ppm	99
12) 1,4-Dichlorobenzene	8.40	146	678526	52.31	ppm	99
13) 1,2-Dichlorobenzene	8.80	146	628054	53.66	ppm	100
14) Benzyl alcohol	8.77	108	389914	56.64	ppm	98
15) bis(2-chloroisopropyl)ethe	9.13	45	574154	55.16	ppm #	78
16) 2-Methylphenol	9.09	107	466687	54.97	ppm	98
17) Hexachloroethane	9.46	117	233721	52.24	ppm	99
18) N-Nitroso-di-n-propylamine	9.45	70	356072	52.60	ppm	99
19) 4-Methylphenol	9.43	107	657283	56.21	ppm	99
22) Nitrobenzene	9.71	77	532481	50.05	ppm	99
23) Isophorone	10.27	82	974962	50.72	ppm	100
24) 2-Nitrophenol	10.43	139	317997	51.52	ppm	97
25) 2,4-Dimethylphenol	10.63	122	511236	52.60	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	bis(2-Chloroethoxy)methane	10.84	93	721017	51.77	ppm		100
27)	2,4-Dichlorophenol	10.99	162	442817	51.37	ppm		99
28)	1,2,4-Trichlorobenzene	11.15	180	436364	48.58	ppm		100
29)	Benzoic Acid	11.00	122	302593	53.59	ppm		96
30)	Naphthalene	11.28	128	1510103	51.44	ppm		100
31)	4-Chloroaniline	11.52	127	672314	53.30	ppm		100
32)	Hexachlorobutadiene	11.75	225	235285	47.09	ppm		98
33)	4-Chloro-3-methylphenol	12.73	107	437314	53.78	ppm		98
34)	2-Methylnaphthalene	12.91	141	813193	53.24	ppm		98
35)	2,3-Dichloroaniline	13.68	161	491530	51.29	ppm		99
37)	Hexachlorocyclopentadiene	13.46	237	195895	46.81	ppm		99
38)	2,4,6-Trichlorophenol	13.68	196	280537	53.18	ppm		99
39)	2,4,5-Trichlorophenol	13.76	196	315264	51.44	ppm		99
41)	2-Chloronaphthalene	14.03	162	904627	50.30	ppm		100
42)	2-Nitroaniline	14.42	65	228243	50.80	ppm		99
43)	1,3-Dinitrobenzene	14.98	168	153542	40.95	ppm	#	32
44)	Acenaphthylene	15.02	152	1260373	49.84	ppm		100
45)	Dimethylphthalate	15.00	163	942082	50.89	ppm		100
46)	2,6-Dinitrotoluene	15.12	165	241891	49.97	ppm		95
47)	Acenaphthene	15.47	154	795064	50.27	ppm		98
48)	3-Nitroaniline	15.43	138	275217	53.05	ppm		98
49)	2,4-Dinitrophenol	15.66	184	99591	43.78	ppm		95
50)	Dibenzofuran	15.85	168	1187951	49.86	ppm		72
51)	2,4-Dinitrotoluene	16.03	165	310183	49.26	ppm		98
52)	4-Nitrophenol	15.85	109	2696	5.02	ppm	#	1
53)	Fluorene	16.66	166	924867	50.25	ppm		99
54)	4-Chlorophenyl-phenylether	16.74	204	417695	49.71	ppm		97
55)	Diethylphthalate	16.70	149	920996	49.83	ppm		99
56)	Azobenzene	17.09	77	1032221	52.12	ppm		99
57)	4-Nitroaniline	16.89	138	265355	50.35	ppm		97
58)	n-Octadecane	18.79	57	432883	55.05	ppm		95
60)	4,6-Dinitro-2-methylphenol	16.97	198	140359	49.86	ppm		99
61)	n-Nitrosodiphenylamine	17.05	169	680419	49.36	ppm		99
63)	4-Bromophenyl-phenylether	17.87	248	302012	46.75	ppm		99
64)	Hexachlorobenzene	18.15	284	389826	46.21	ppm		99
65)	Pentachlorophenol	18.58	266	240567	48.87	ppm		99
66)	Phenanthrene	18.84	178	1251839	49.37	ppm		100
67)	Anthracene	18.94	178	1239446	48.71	ppm		99
68)	Carbazole	19.30	167	1081200	49.90	ppm		99
69)	Di-n-butylphthalate	20.15	149	1549685	51.42	ppm		100
70)	Fluoranthene	20.95	202	1140339	51.19	ppm		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

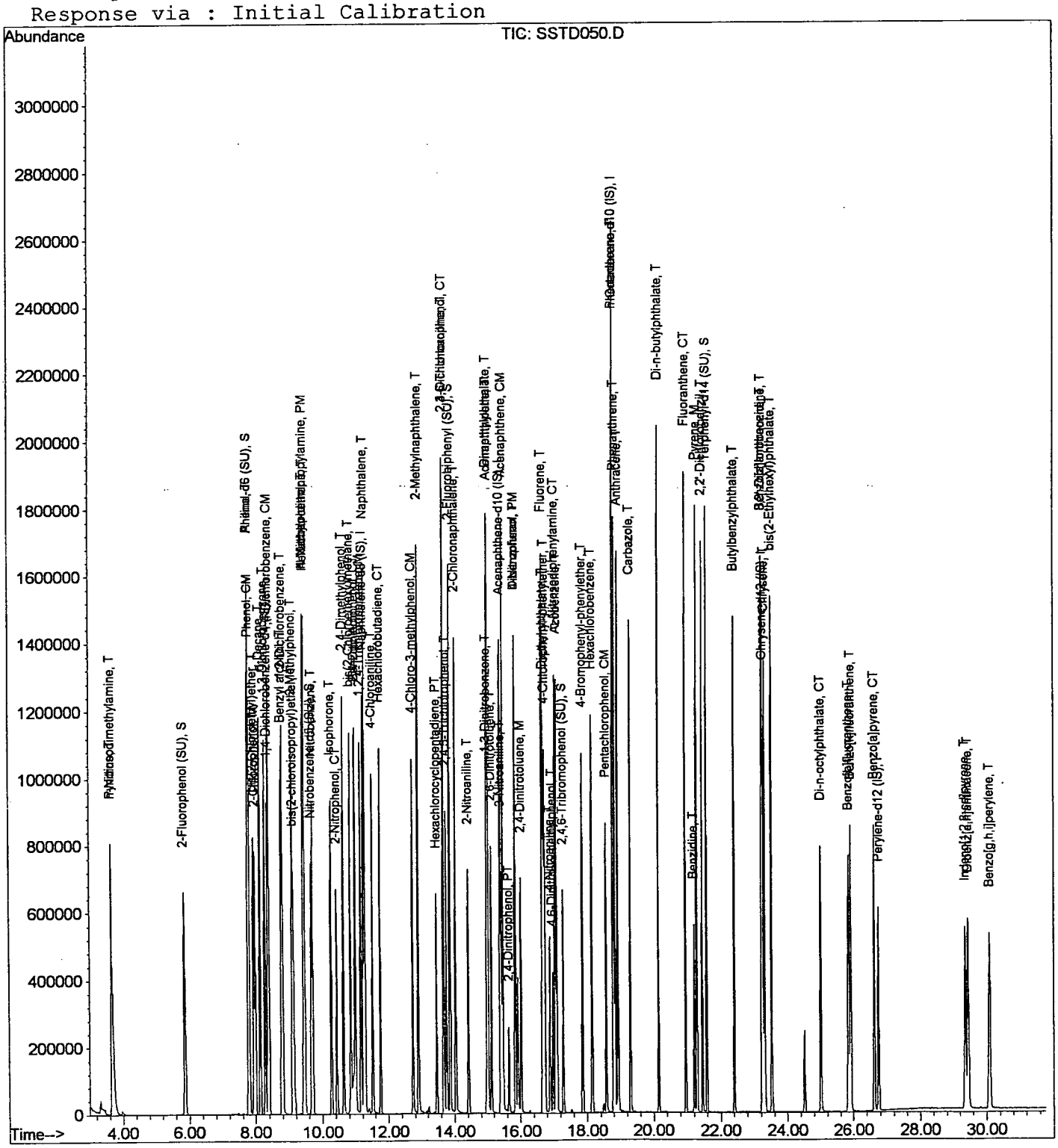
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Pyrene	21.29	202	1170920	48.23	ppm	98
73) 2,2'-Dichlorobenzil	21.46	139	878798	50.02	ppm	98
75) Benzidine	21.21	184	324229	46.45	ppm	98
76) Butylbenzylphthalate	22.41	149	579537	52.09	ppm	100
77) 3,3'-Dichlorobenzidine	23.24	252	357180	52.61	ppm	98
78) Benzo[a]anthracene	23.24	228	875159	50.74	ppm	99
79) Chrysene	23.32	228	836930	49.56	ppm	100
80) bis(2-Ethylhexyl)phthalate	23.52	149	737754	54.57	ppm	99
81) Di-n-octylphthalate	25.00	149	925655	56.11	ppm	99
83) Benzo[b]fluoranthene	25.86	252	849712	58.43	ppm	97
84) Benzo[k]fluoranthene	25.93	252	849885	61.24	ppm	99
85) Benzo[a]pyrene	26.63	252	731965	60.19	ppm	99
86) Indeno[1,2,3-cd]pyrene	29.36	276	668054	57.58	ppm	96
87) Dibenz[a,h]anthracene	29.45	278	688218	58.05	ppm	98
88) Benzo[g,h,i]perylene	30.09	276	695625	57.04	ppm	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\SSTD050.D Vial: 2
Acq On : 19 Nov 2007 1:28 pm Operator: DF/AI
Sample : 50ppm MP STD #7110295 Inst : GCMS62
Misc : ICAL -- 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 15:45 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\GCMS62\DATA\07NOV19\G1119008.D Vial: 13
Acq On : 19 Nov 2007 8:29 pm Operator: DF/AI
Sample : IQK1137-08 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:01 19107 Quant Results File: G7K15SV.RES

Quant Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration
DataAcq Meth : G7K15SV

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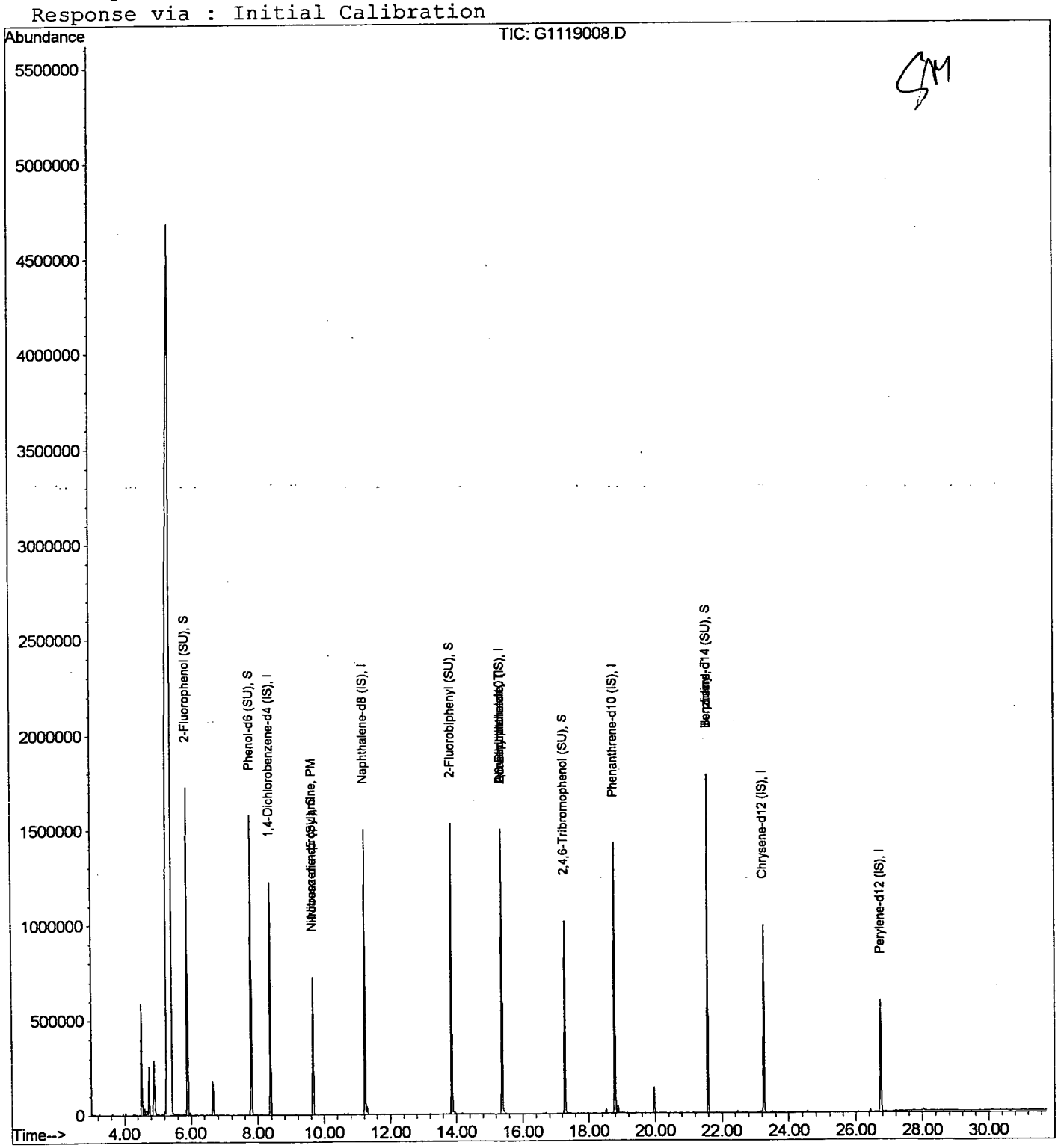
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4 (IS	8.37	152	377605	40.00	ppm	-0.03
20) Naphthalene-d8 (IS)	11.23	136	1424932	40.00	ppm	-0.04
36) Acenaphthene-d10 (IS)	15.39	164	676071	40.00	ppm	-0.03
59) Phenanthrene-d10 (IS)	18.79	188	909299	40.00	ppm	-0.03
71) Chrysene-d12 (IS)	23.25	240	699686	40.00	ppm	-0.05
82) Perylene-d12 (IS)	26.74	264	437380	40.00	ppm	-0.04
System Monitoring Compounds						
2) 2-Fluorophenol (SU)	5.90	112	1056310	69.29	ppm	0.02
Spiked Amount 100.000	Range 25 - 120		Recovery = 69.29%			
7) Phenol-d6 (SU)	7.80	99	1437207	87.24	ppm	0.00
Spiked Amount 100.000	Range 30 - 120		Recovery = 87.24%			
21) Nitrobenzene-d5 (SU)	9.67	82	460074	36.42	ppm	-0.03
Spiked Amount 50.000	Range 30 - 120		Recovery = 72.84%			
40) 2-Fluorobiphenyl (SU)	13.87	172	991288	41.60	ppm	-0.03
Spiked Amount 50.000	Range 35 - 120		Recovery = 83.20%			
62) 2,4,6-Tribromophenol (SU)	17.29	330	342140	73.92	ppm	-0.03
Spiked Amount 100.000	Range 35 - 120		Recovery = 73.92%			
74) Terphenyl-d14 (SU)	21.58	244	799211	41.31	ppm	-0.03
Spiked Amount 50.000	Range 35 - 155		Recovery = 82.62%			
Target Compounds						Qvalue
18) N-Nitroso-di-n-propylamine	9.67	70	55618	7.12	ppm	# 71
45) Dimethylphthalate	15.39	163	141041	6.73	ppm	# 1
46) 2,6-Dinitrotoluene	15.39	165	85389	15.58	ppm	# 36
75) Benzidine	21.58	184	6629	0.91	ppm	# 1

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\GCMS62\DATA\07NOV19\G1119008.D Vial: 13
Acq On : 19 Nov 2007 8:29 pm Operator: DF/AI
Sample : IQK1137-08 Inst : GCMS62
Misc : SOIL 15G/1ml --- Batch 7K12065 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 19 21:01 19107 Quant Results File: G7K15SV.RES

Method : C:\HPCHEM\1\METHODS\G7K15SV.M (RTE Integrator)
Title : 625/8270 Calibration
Last Update : Thu Nov 15 16:11:56 2007
Response via : Initial Calibration



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1137
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS C & D
20072263V1

EPA 300.1 LABORATORY RAW DATA

- INITIAL CALIBRATION RAW DATA
- SAMPLE RAW DATA

17461 Derian Avenue, Ste. 100 Irvine, CA 92614 **tel** 949.261.1022 **fax** 949.260.3297 **www.testamericainc.com**

TotalChrom Method File H:\DATA\IC7\IC7QK06.mth

Printed by	: inorg on: 11/7/2007 2:51:51 PM
Created by	: inorg on: 11/7/2007 2:51:47 PM
Edited by	: inorg on: 11/7/2007 2:51:47 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 0.212
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 11.975
Event #6 - Enable Peak Detection at 12.009

Optional Reports

No report format files given

Optional Report Plot Parameters

Plot Number	1	2	3	4	5
Generate this plot	No	No	No	No	No
Start plot at end of delay time	Yes	Yes	Yes	Yes	Yes
Start Time					
End Time					
Scale Type	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling
Scale Factor	1.000	1.000	1.000	1.000	1.000
Full Scale					
Offset					

Annotated Replot Parameters

Offset & Scale set to absolute values

11/7/2007 2:51:51 PM Method: H:\DATA\IC7\IC7QK06.mth

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 : 6.734 min
Search Window : 15.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	————	————	0
2	20.0000	485148.30	31031.74	————	————	1
3	100.0000	2580797.40	162500.09	————	————	1
4	200.0000	5228081.60	334373.97	————	————	1
5	400.0000	10646272.00	693908.82	————	————	1

Calibration Curve : y = (-50102.450607) + (26653.904898)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999899

BROMATE

Component Type : Single Peak Component
Retention Time : 7.560 min
Search Window : 20.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin

11/7/2007 2:51:51 PM Method: H:\DATA\IC7\IC7QK06.mth

Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	5.0000	62676.20	3880.47	----------	----------	1
3	25.0000	321673.20	20412.11	----------	----------	1
4	50.0000	634717.00	40862.92	----------	----------	1
5	100.0000	1245328.60	80056.57	----------	----------	1

Calibration Curve : y = (4332.482967) + (12459.625404)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999857

DCA
Component Type : Single Peak Component
Retention Time : 12.405 min
Search Window : 25.00 s, 0.00 %
This component is a reference
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	1.0000	12419223.22	495087.16	----------	----------	1
2	1.0000	12100000.00	0.00	----------	----------	0
3	1.0000	12327800.20	494360.87	----------	----------	1
4	1.0000	12459241.70	502061.25	----------	----------	1
5	1.0000	11783210.86	481554.78	----------	----------	1

Average Calibration Factor = 1.221790e+07 (%RSD = 2.29)

BROMIDE
Component Type : Single Peak Component
Retention Time : 13.545 min
Search Window : 28.10 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

11/7/2007 2:51:51 PM Method: H:\DATA\IC7\IC7QK06.mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	50.0000	1094829.00	50625.92	----------	----------	1
3	250.0000	6178169.60	276720.64	----------	----------	1
4	500.0000	12834862.10	577679.36	----------	----------	1

Calibration Curve : y = (-128057.754390) + (25775.114615)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999560

CHLORATE
Component Type : Single Peak Component
Retention Time : 14.920 min
Search Window : 30.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	20.0000	448590.30	17626.52	----------	----------	1
3	100.0000	2211279.60	88642.08	----------	----------	1
4	200.0000	4511548.20	181006.38	----------	----------	1
5	400.0000	9229454.80	372851.28	----------	----------	1

Calibration Curve : y = (-42492.693863) + (23074.078259)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999806

Calibration Replicate Lists
Component : CHLORITE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
485148.30	31031.74	20.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2580797.40	162500.09	100.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
5228081.60	334373.97	200.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
10646272.00	693908.82	400.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

11/7/2007 2:51:51 PM Method: H:\DATA\IC7\IC7QK06.mth

Component : BROMATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
62676.20	3880.47	5.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
321673.20	20412.11	25.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
634717.00	40862.92	50.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1245328.60	80056.57	100.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : DCA
Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12419223.22	495087.16	1.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060002a.rst

Level : 2
This level has no replicate injections

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12327800.20	494360.87	1.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12459241.70	502061.25	1.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
11783210.86	481554.78	1.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : BROMIDE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1094829.00	50625.92	50.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
6178169.60	276720.64	250.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

11/7/2007 2:51:51 PM Method: H:\DATA\IC7\IC7QK06.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12834862.10	577679.36	500.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Component : CHLORATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
448590.30	17626.52	20.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2211279.60	88642.08	100.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
4511548.20	181006.38	200.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
9229454.80	372851.28	400.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

TotalChrom Method File H:\DATA\IC7\IC7QK06a.mth

Printed by	: inorg on: 12/3/2007 10:00:09 AM
Created by	: inorg on: 11/16/2007 2:31:19 PM
Edited by	: inorg on: 11/29/2007 7:15:37 PM
Number of Times Edited	: 4
Number of Times Calibrated	: 22
Description:	

Instrument Conditions

Instrument Control Method

Instrument Name : ICDNX7
Instrument Type : 900 Series Intelligent Interface

Interface Parameters

Delay Time	: 0.00 min
Run Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s
Interface Type	: 900 Series Intelligent Interface
Analog Voltage Input	: 1000 mV

Data will be collected from channel A

Timed Events

There are no timed events in the method

Real Time Plot Parameters

	Pages	Offset (mV)	Scale (mV)
Channel A	1	50.000	800.000

Processing Parameters

Bunch Factor	: 4 points
Noise Threshold	: 20 µV
Area Threshold	: 500.00 µV

Peak Separation Criteria

Width Ratio	: 0.200
Valley-to-Peak Ratio	: 0.010

Exponential Skim Criteria

Peak Height Ratio	: 5.000
Adjusted Height Ratio	: 4.000
Valley Height Ratio	: 3.000

Baseline Timed Events

Event #1 - Valley Baselines On at 6.250
Event #2 - Enable Peak Detection at 6.350
Event #3 - Disable Peak Detection at 8.261
Event #4 - Valley Baselines On at 11.200
Event #5 - Enable Peak Detection at 11.300
Event #6 - Disable Peak Detection at 15.200

Optional Reports

No report format files given

Optional Report Plot Parameters

Plot Number	1	2	3	4	5
Generate this plot	No	No	No	No	No
Start plot at end of delay time	Yes	Yes	Yes	Yes	Yes
Start Time					
End Time					
Scale Type	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling
Scale Factor	1.000	1.000	1.000	1.000	1.000
Full Scale					
Offset					

Annotated Replot Parameters

Offset & Scale set to absolute values

Draw baselines
Include timed event annotations
Automatically set plot start and end times to data limits

Plot Offset : 50.000 µV
Plot Scale : 200.000 µV
Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time

User Programs
No user programs will be executed

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : PPM
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
CHLORITE
Component Type : Single Peak Component
Retention Time : 6.600 min
Search Window : 15.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	————	————	0
2	20.0000	485148.30	31031.74	————	————	1
3	100.0000	2580797.40	162500.09	————	————	1
4	200.0000	5228081.60	334373.97	————	————	1
5	400.0000	10646272.00	693908.82	————	————	1

Calibration Curve : y = (-50102.450607) + (26653.904898)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999899

BROMATE
Component Type : Single Peak Component
Retention Time : 7.400 min
Search Window : 20.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin

12/3/2007 10:00:09 AM Method: H:\DATA\IC7\IC7QK06a.mth

Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	5.0000	62676.20	3880.47	----------	----------	1
3	25.0000	321673.20	20412.11	----------	----------	1
4	50.0000	634717.00	40862.92	----------	----------	1
5	100.0000	1245328.60	80056.57	----------	----------	1

Calibration Curve : y = (4332.482967) + (12459.625404)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999857

DCA
Component Type : Single Peak Component
Retention Time : 11.900 min
Search Window : 25.00 s, 0.00 %
This component is a reference
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	1.0000	12419223.22	495087.16	----------	----------	1
2	1.0000	12100000.00	0.00	----------	----------	0
3	1.0000	12327800.20	494360.87	----------	----------	1
4	1.0000	12459241.70	502061.25	----------	----------	1
5	1.0000	11783210.86	481554.78	----------	----------	1

Average Calibration Factor = 1.221790e+07 (%RSD = 2.29)

BROMIDE
Component Type : Single Peak Component
Retention Time : 13.000 min
Search Window : 28.10 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

12/3/2007 10:00:09 AM Method: H:\DATA\IC7\IC7QK06a.mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	50.0000	1094829.00	50625.92	----------	----------	1
3	250.0000	6178169.60	276720.64	----------	----------	1
4	500.0000	12834862.10	577679.36	----------	----------	1

Calibration Curve : y = (-128057.754390) + (25775.114615)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999560

CHLORATE
Component Type : Single Peak Component
Retention Time : 14.200 min
Search Window : 30.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0000	0.00	0.00	----------	----------	0
2	20.0000	448590.30	17626.52	----------	----------	1
3	100.0000	2211279.60	88642.08	----------	----------	1
4	200.0000	4511548.20	181006.38	----------	----------	1
5	400.0000	9229454.80	372851.28	----------	----------	1

Calibration Curve : y = (-42492.693863) + (23074.078259)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999806

Calibration Replicate Lists
Component : CHLORITE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
485148.30	31031.74	20.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2580797.40	162500.09	100.0000	-------	-------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
5228081.60	334373.97	200.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
10646272.00	693908.82	400.0000	-------	-------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

12/3/2007 10:00:09 AM Method: H:\DATA\IC7\IC7QK06a.mth

Component : BROMATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
62676.20	3880.47	5.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
321673.20	20412.11	25.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
634717.00	40862.92	50.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1245328.60	80056.57	100.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : DCA
Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12419223.22	495087.16	1.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060002a.rst

Level : 2
This level has no replicate injections

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12327800.20	494360.87	1.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12459241.70	502061.25	1.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
11783210.86	481554.78	1.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

Component : BROMIDE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
1094829.00	50625.92	50.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
6178169.60	276720.64	250.0000	---------	---------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

12/3/2007 10:00:09 AM Method: H:\DATA\IC7\IC7QK06a.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
12834862.10	577679.36	500.0000	---------	---------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Component : CHLORATE
Level : 1
This level has no replicate injections

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
448590.30	17626.52	20.0000	--------	--------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060003.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
2211279.60	88642.08	100.0000	--------	--------	11/7/2007	2:49:01 PM	H:\DATA\IC7\20071106\200711060004.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
4511548.20	181006.38	200.0000	--------	--------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060005.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
9229454.80	372851.28	400.0000	--------	--------	11/7/2007	2:49:02 PM	H:\DATA\IC7\20071106\200711060006a.rst

TotalChrom Sequence File H:\DATA\IC7\20071106\20071106.seq
Printed by : inorg on: 11/7/2007 4:41:22 PM
Created by : inorg on: 11/6/2007 2:26:41 PM
Edited by : inorg on: 11/7/2007 4:41:14 PM
Number of Times Edited : 7
Description:

Sequence File Header Information:

Number of Rows : 75
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Int Std Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	LEVEL 1	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	LEVEL 2	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	LEVEL 3	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	LEVEL 4	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	LEVEL 5	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	ICV	7K06097	7110130	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	LOW LEVEL	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	7K06097-BS1	7K06097	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	7K06097-BLK1	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	IQK0145-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~12~~	~~Sample~~	~~IQK0145-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
13	Sample	IQK0145-02	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~14~~	~~Sample~~	~~IQK0145-02~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
15	Sample	IQK0145-03	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~16~~	~~Sample~~	~~IQK0145-03~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
~~17~~	~~Sample~~	~~IQK0016-01~~	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~18~~	~~Sample~~	~~IQK0016-01~~	7K06097		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
~~19~~	~~Sample~~	~~IQK0138-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
20	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
22	Sample	IQK0138-01	7K06097		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
23	Sample	IQK0139-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	IQK0139-02	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	IQK0139-03	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
26	Sample	IQK0139-04	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
27	Sample	IQK0139-05	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	IQK0139-06	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK0139-07	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	IQK0139-08	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample	7K06097-MS1	7K06097	IQK0139-08	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
33	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
34	Sample	7K06097-MSD1	7K06097	IQK0139-08	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
35	Sample	IQK0140-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample	IQK0342-01	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~37~~	~~Sample~~	~~IQK0342-01~~	7K06097		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
38	Sample	IQJ3019-02	7K06097		1.000000	1.000000	1.000	200.000000	1.000000	1.000000	0.000000	100.000
39	Sample	7K06097-MS2	7K06097	IQK0145-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	7K06097-MSD2	7K06097	IQK0145-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~41~~	~~Sample~~	~~IQK0138-01~~	7K06097	SPIKE	1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
~~42~~	~~Sample~~	~~IQK0138-01~~	7K06097		1.000000	1.000000	1.000	100.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK0016-01	7K06097		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
44	Sample	CCV	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	CCB	7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
47	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
48	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
50	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
55	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
56	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample		7K06097		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

CALIBRATION CHECKLIST

EPA 300.1– Inorganic Anions (Part B) IC

Analyst:	KS	2nd Level Review:	✓
Analysis Date:	11/6/07	Date:	11/13/07
IC #:	7	Original Calibration date:	10/12/07
Method used:	300.1	Original Calibration file #:	IC7QJ12a

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
✓	✓	• Standard preparation: 7100397, 7100398, 7100399, 7110122
✓	✓	• Supplier: Ultra Scientific
✓	✓	• Standard Lot # :
✓	✓	• Calibration Chart:

Comments:

Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:22:44 PM
Reprocess Number	: irv-wetchem6: 1831		
Operator	: inorg	Sample Name	: IB
Sample Number	: 7K06097	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 3:34:01 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060001.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060001.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060001.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060001.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060001.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.38	1.25e+07	1.2058	1.2058	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.25e+07	1.2058	1.2058	

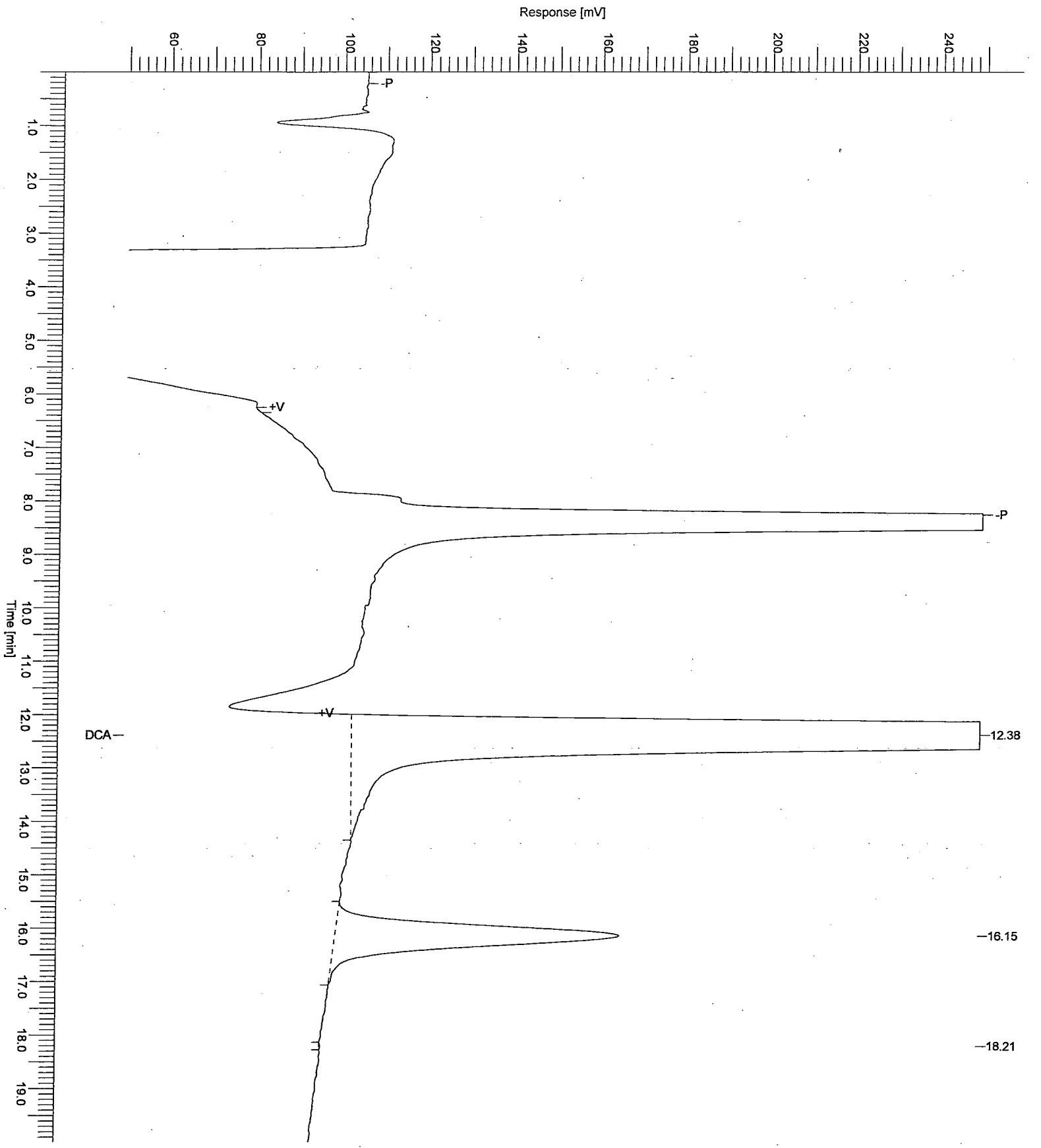
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060001.TX0

Chromatogram

Sample Name : IB Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060001.raw
Date : 11/7/2007 2:22:45 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 3:34:01 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:33:06 PM
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 19.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 4:25:02 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071106\200711060002.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060002.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.35	1.24e+07	1.2003	1.2003	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.24e+07	1.2003	1.2003	

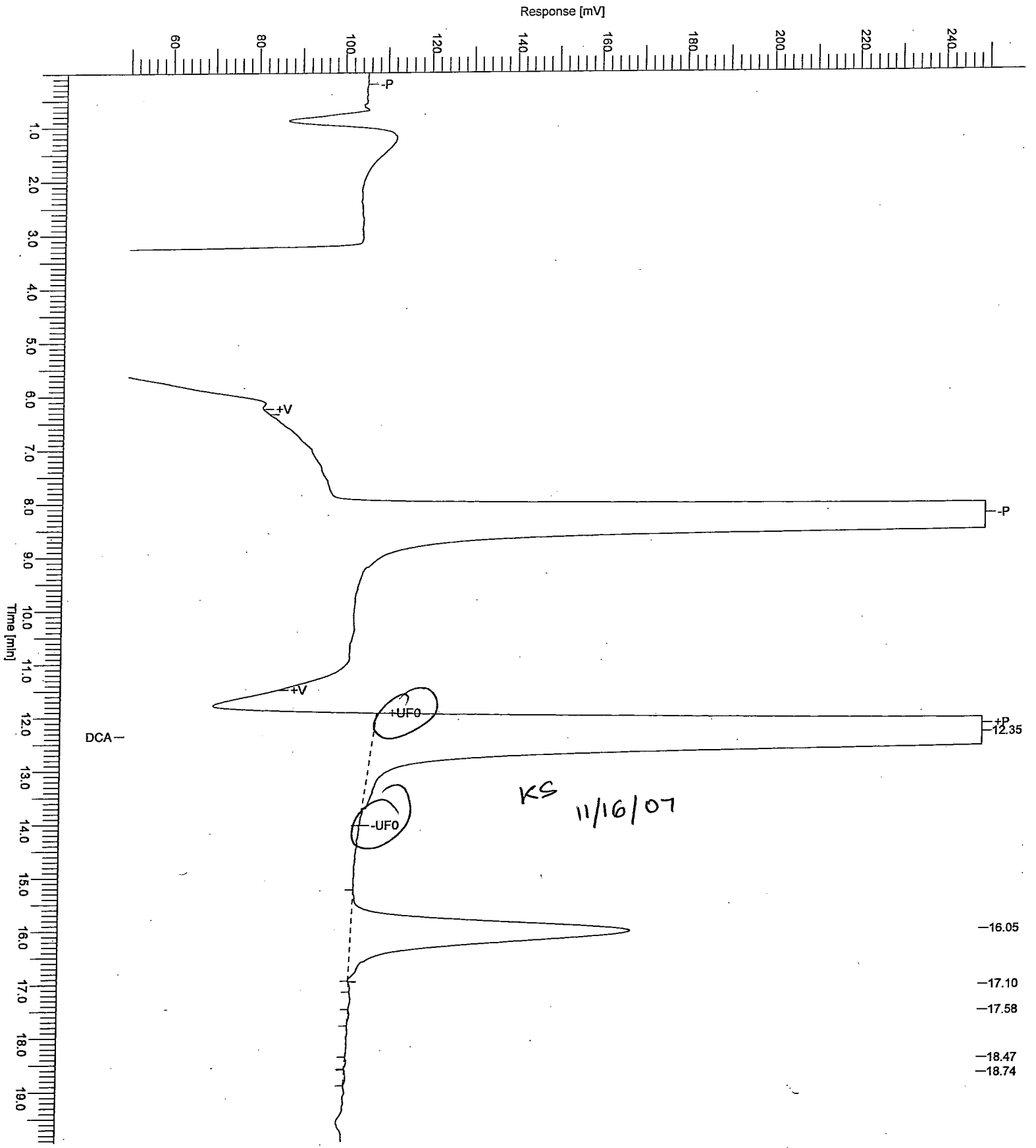
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060002.TXO

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060002.raw
Date : 11/7/2007 2:33:07 PM
Method :
Time of Injection: 11/6/2007 4:25:02 PM
Start Time : 0.00 min End Time : 19.94 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



KS 11/16/07

Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:23:45 PM
Reprocess Number	: irv-wetchem6: 1832		
Operator	: inorg	Sample Name	: LEVEL 1
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 19.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 4:25:02 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060002.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060002.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060002.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060002.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.80	0.00	0.0000	0.0000	
BROMATE	7.63	0.00	0.0000	0.0000	
DCA	12.35	1.10e+07	1.0664	1.0664	
BROMIDE	13.90	0.00	0.0000	0.0000	
CHLORATE	15.42	0.00	0.0000	0.0000	
		1.10e+07	1.0664	1.0664	

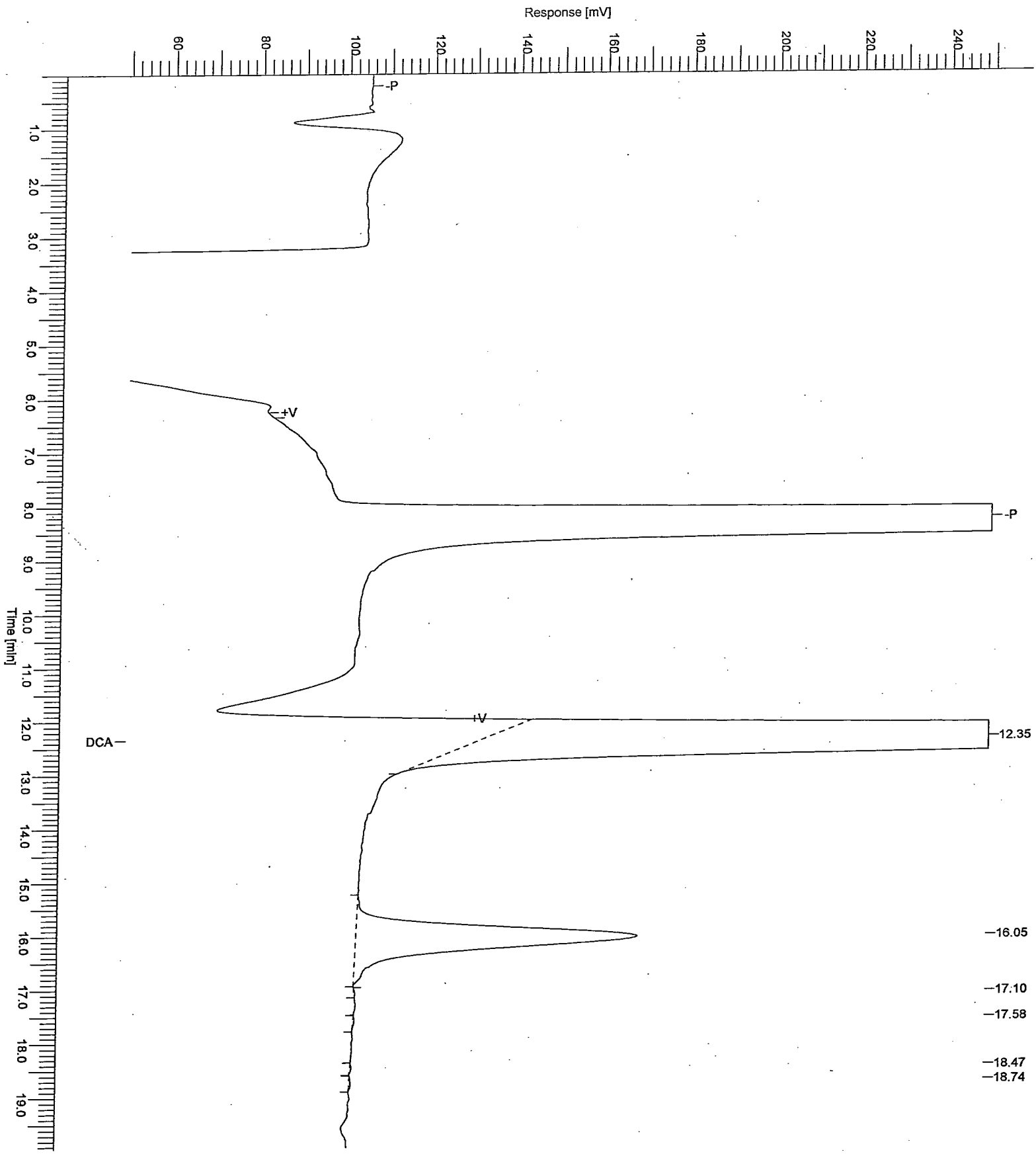
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.798
BROMATE	7.633
BROMIDE	13.900
CHLORATE	15.420

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060002.TX0

Chromatogram

Sample Name : LEVEL 1 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060002.raw
Date : 11/7/2007 2:23:46 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 4:25:02 PM
Start Time : 0.00 min End Time : 19.94 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:53 PM
Reprocess Number	: irv-wetchem6: 1844		
Operator	: inorg	Sample Name	: LEVEL 2
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 5:15:58 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060003.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060003.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060003.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060003.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	485148.30	19.9570	19.9570	
BROMATE	7.56	62676.20	4.3447	4.3447	*
DCA	12.41	1.21e+07	1.1715	1.1715	
BROMIDE	13.54	1094829.00	41.4273	41.4273	*
CHLORATE	14.89	448590.30	20.5219	20.5219	*
		1.42e+07	87.4224	87.4224	

* Warning -- uncalibrated levels encountered

Missing Component Report

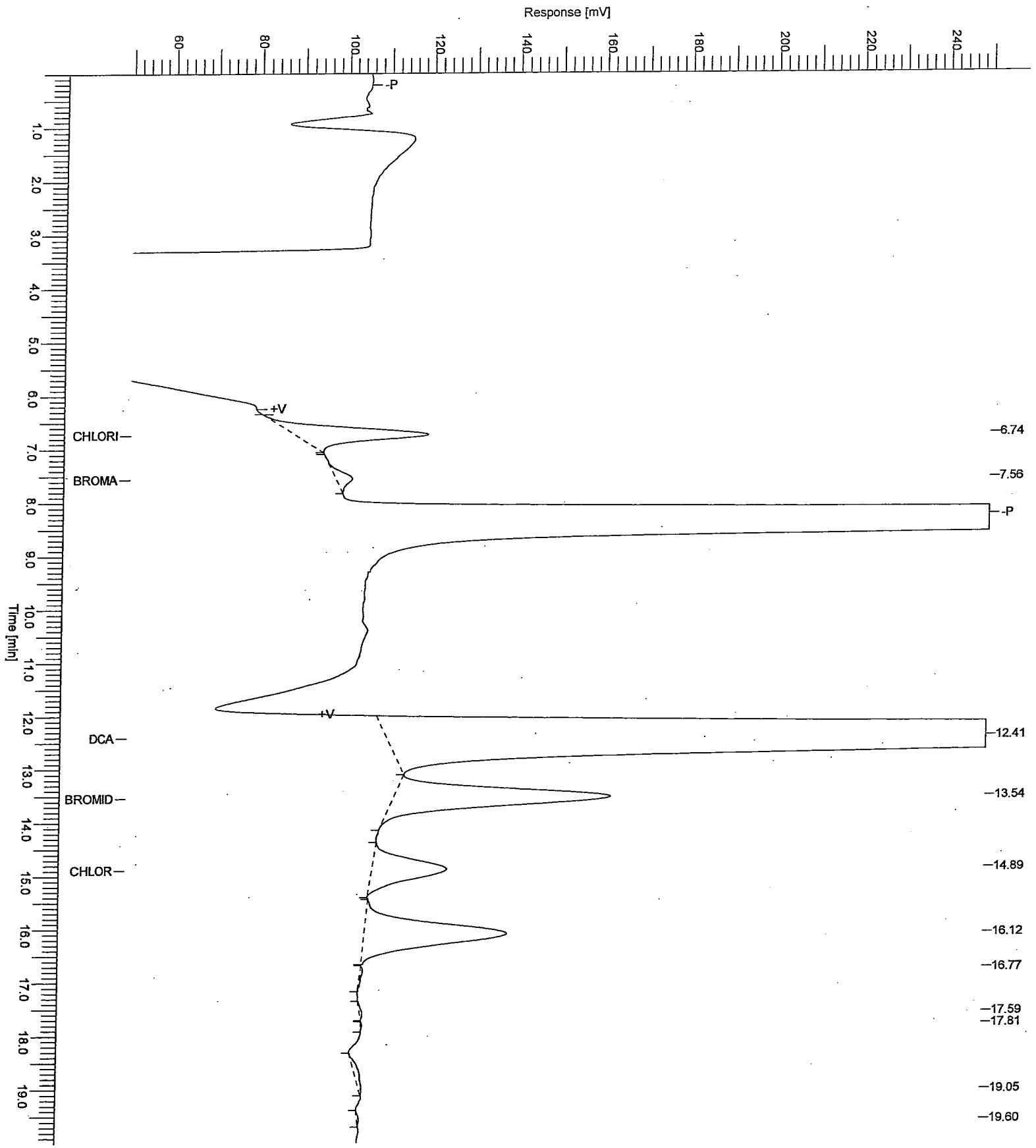
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060003.TX0

Chromatogram

Sample Name : LEVEL 2 Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060003.raw
Date : 11/7/2007 2:41:53 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 5:15:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:55 PM
Reprocess Number	: irv-wetchem6: 1845		
Operator	: inorg	Sample Name	: LEVEL 3
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 6:06:58 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071106\200711060004.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060004.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060004.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060004.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060004.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	2580797.40	99.0901	99.0901	
BROMATE	7.56	321673.20	23.2194	23.2194	*
DCA	12.43	1.23e+07	1.1864	1.1864	
BROMIDE	13.57	6178169.60	217.9650	217.9650	*
CHLORATE	14.92	2215269.80	94.3438	94.3438	*
		2.36e+07	435.8047	435.8047	

* Warning -- uncalibrated levels encountered

Missing Component Report

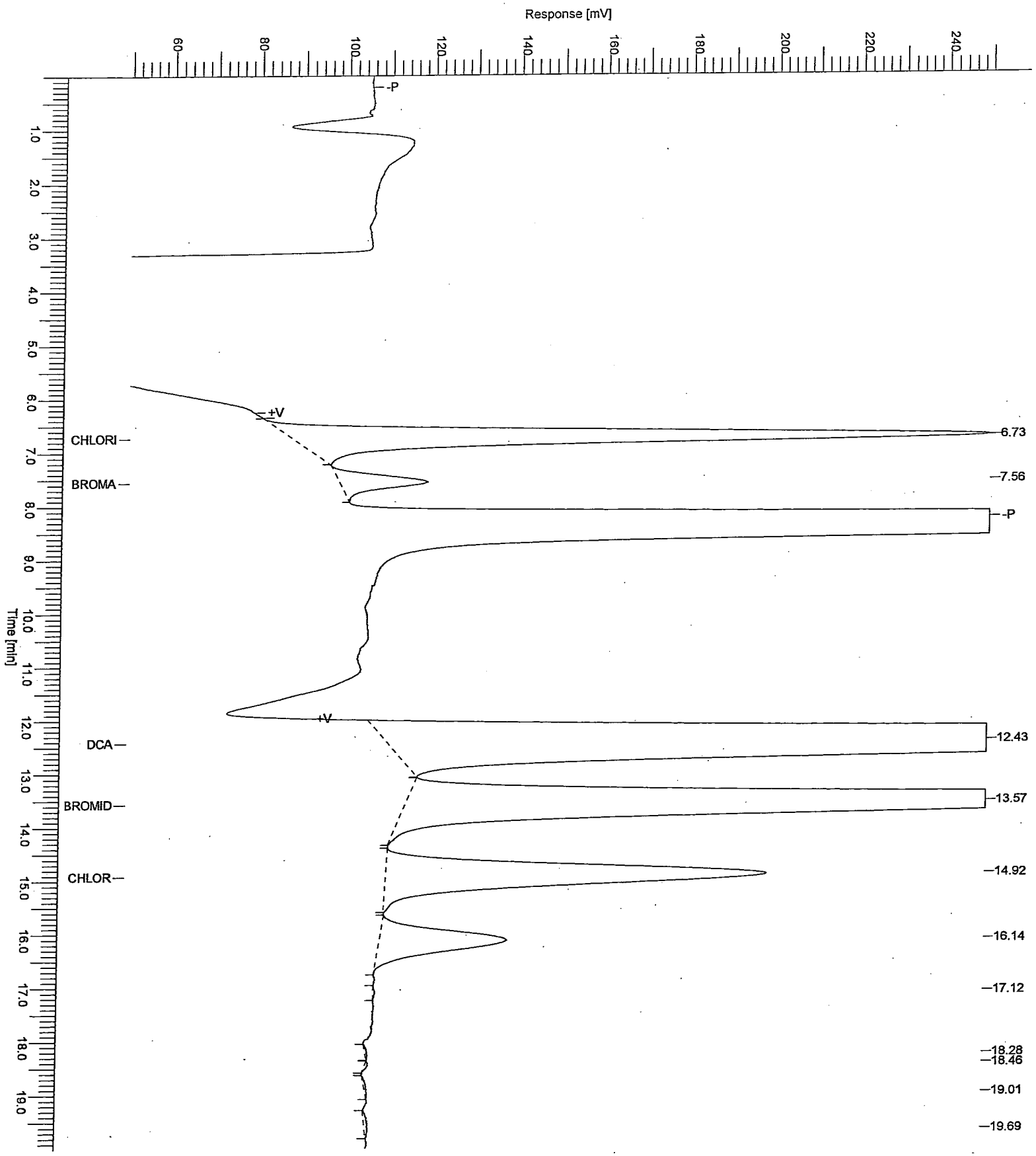
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060004.TX0

Chromatogram

Sample Name : LEVEL 3 Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060004.raw
Date : 11/7/2007 2:41:55 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 6:06:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:57 PM
Reprocess Number	: irv-wetchem6: 1846		
Operator	: inorg	Sample Name	: LEVEL 4
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 6:57:58 PM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071106\200711060005.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060005.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060005.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060005.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060005.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	5228081.60	199.0534	199.0534	
BROMATE	7.56	634717.00	46.0328	46.0328	*
DCA	12.42	1.24e+07	1.1987	1.1987	
BROMIDE	13.58	1.28e+07	449.2479	449.2479	*
CHLORATE	14.93	4510104.60	190.2351	190.2351	*
		3.56e+07	885.7678	885.7678	

* Warning -- uncalibrated levels encountered

Missing Component Report

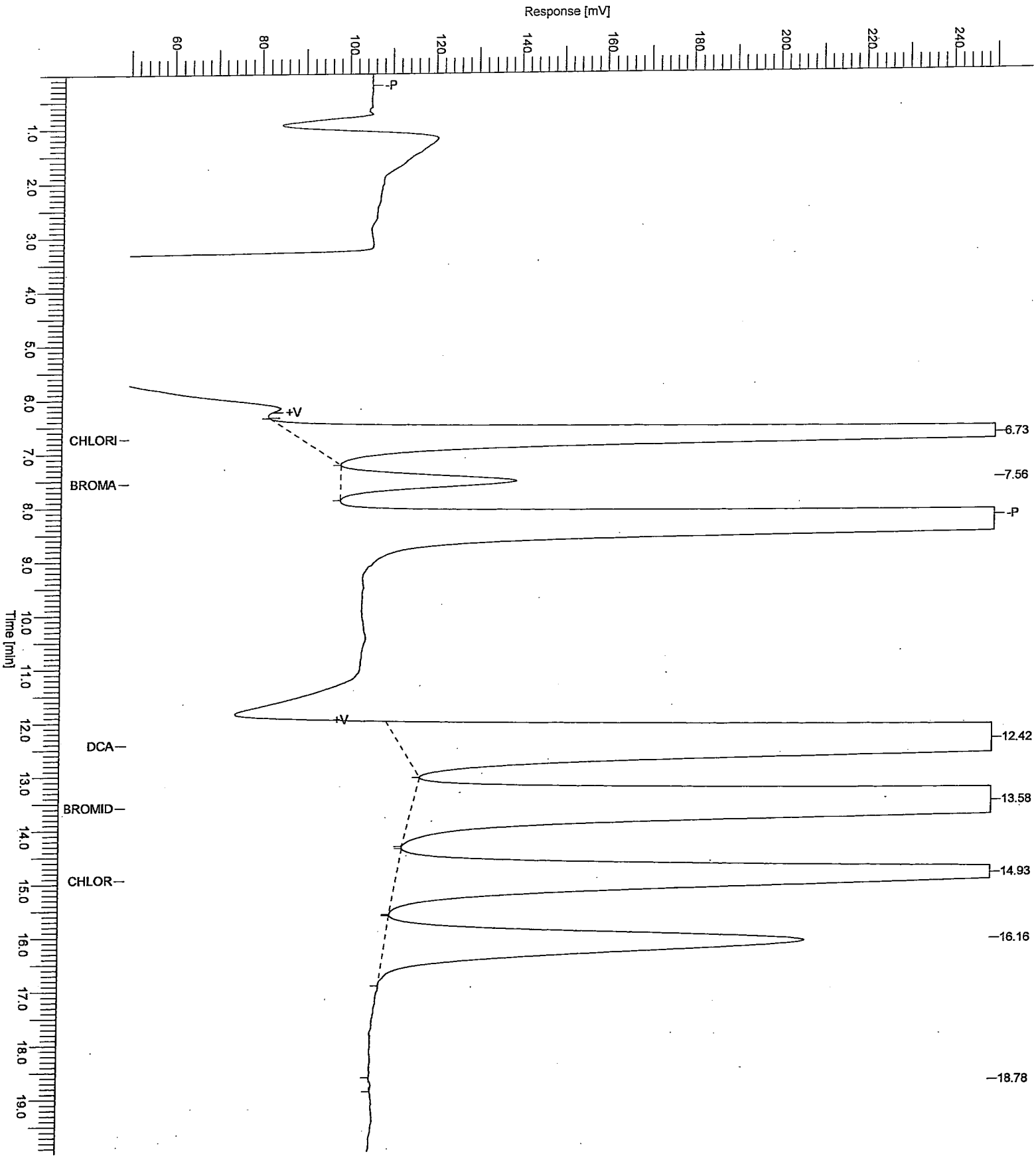
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060005.TX0

Chromatogram

Sample Name : LEVEL 4 Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060005.raw
Date : 11/7/2007 2:41:57 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 6:57:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:44:02 PM
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 7:48:58 PM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071106\200711060006.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060006.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006a.rst [Editing in Progress]
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	1.06e+07	403.6479	403.6479	+
BROMATE	7.56	1245328.60	90.5319	90.5319	*
DCA	12.41	1.18e+07	1.1388	1.1388	
BROMIDE	13.48	2.39e+07	832.2690	832.2690	*
CHLORATE	14.94	9229454.80	387.4365	387.4365	*
		5.68e+07	1715.0240	1715.0240	

* Warning -- uncalibrated levels encountered

Missing Component Report

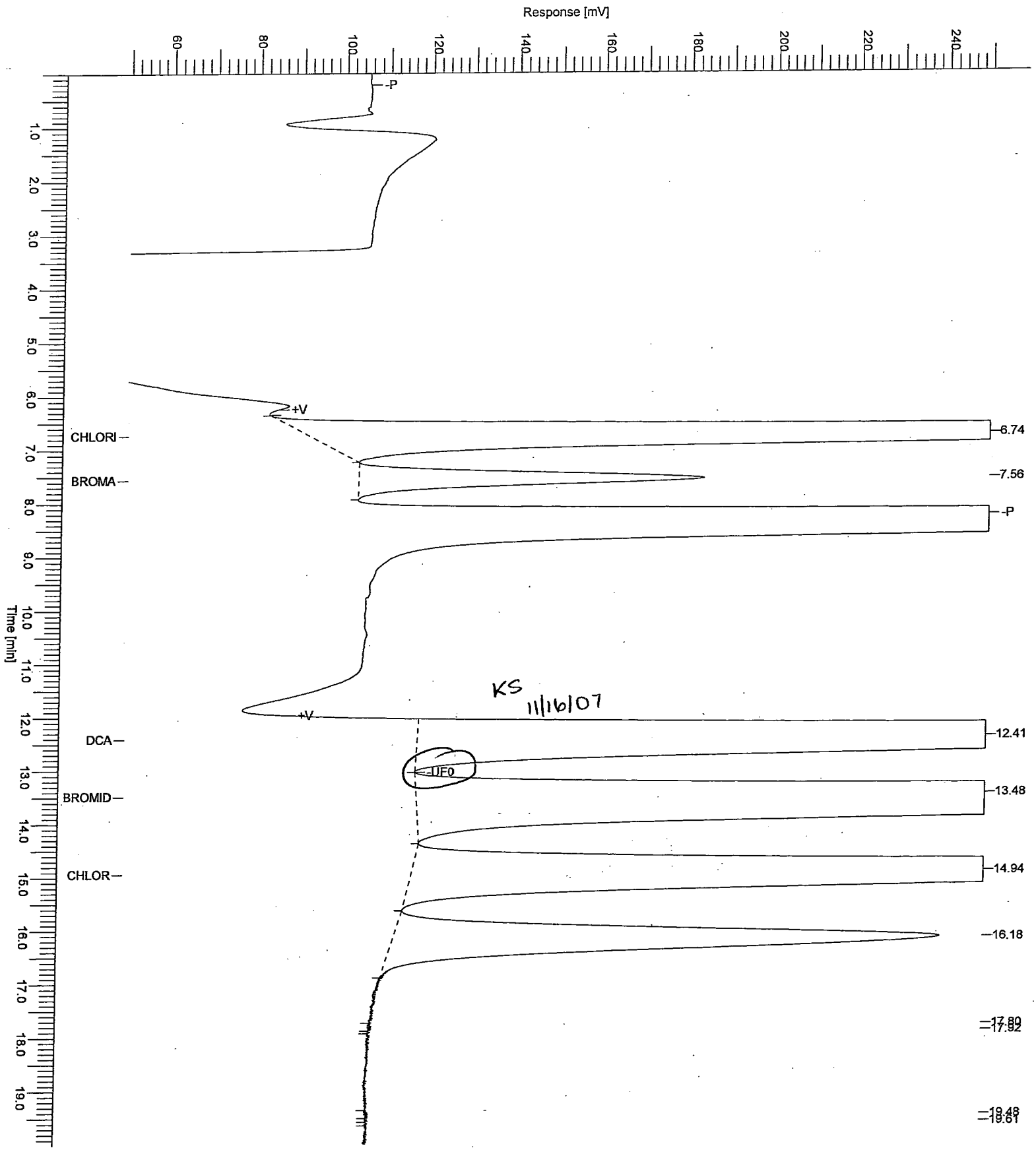
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060006a.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060006.raw
Date : 11/7/2007 2:44:08 PM
Method : Time of Injection: 11/6/2007 7:48:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:41:59 PM
Reprocess Number	: irv-wetchem6: 1847		
Operator	: inorg	Sample Name	: LEVEL 5
Sample Number	: 7K06097	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 7:48:58 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071106\200711060006.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060006.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060006.raw
Proc Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006.rst
Calib Method : h:\data\ic7\ic7qJ12a.mth from H:\DATA\IC7\20071106\200711060006.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	1.06e+07	403.6479	403.6479	+
BROMATE	7.56	1245328.60	90.5319	90.5319	*
DCA	12.41	1.24e+07	1.1973	1.1973	
BROMIDE	13.48	2.39e+07	832.2914	832.2914	*
CHLORATE	14.94	9227034.20	387.3354	387.3354	*
		5.74e+07	1715.0037	1715.0037	

* Warning -- uncalibrated levels encountered

Missing Component Report

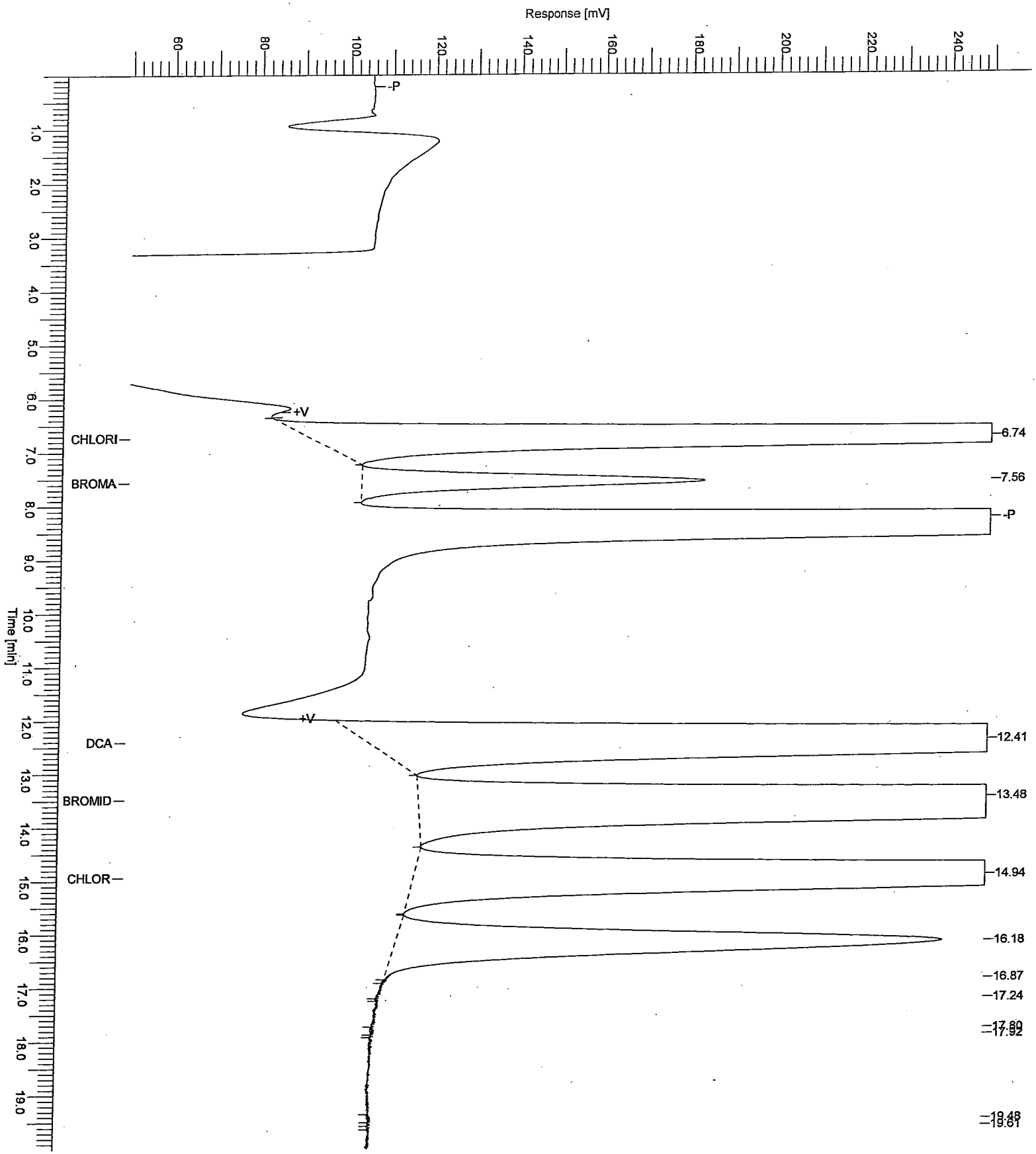
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060006.TX0

Chromatogram

Sample Name : LEVEL 5 Sample #: 7K06097 Page 1 of 1
FileName : H:\DATA\IC7\20071106\200711060006.raw
Date : 11/7/2007 2:41:59 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 7:48:58 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/7/2007 2:53:15 PM
Reprocess Number	: irv-wetchem6: 1848		
Operator	: inorg	Sample Name	: ICV
Sample Number	: 7K06097	Study	: 7110130
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/6/2007 8:39:57 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071106\200711060007.raw <Modified>
Result File : H:\DATA\IC7\20071106\200711060007.rst
Inst Method : h:\data\ic7\ic7qJ12 from H:\DATA\IC7\20071106\200711060007.raw
Proc Method : h:\data\ic7\ic7qk06.mth from H:\DATA\IC7\20071106\200711060007.rst
Calib Method : h:\data\ic7\ic7qk06.mth from H:\DATA\IC7\20071106\200711060007.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071106\20071106.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.74	3224993.30	122.8749	122.8749	*
BROMATE	7.57	368846.50	29.2556	29.2556	*
DCA	12.41	1.25e+07	1.0193	1.0193	
BROMIDE	13.63	7345712.70	289.9607	289.9607	*
CHLORATE	14.97	2670612.80	117.5824	117.5824	*
		2.61e+07	560.6929	560.6929	

* Warning -- uncalibrated levels encountered

Missing Component Report

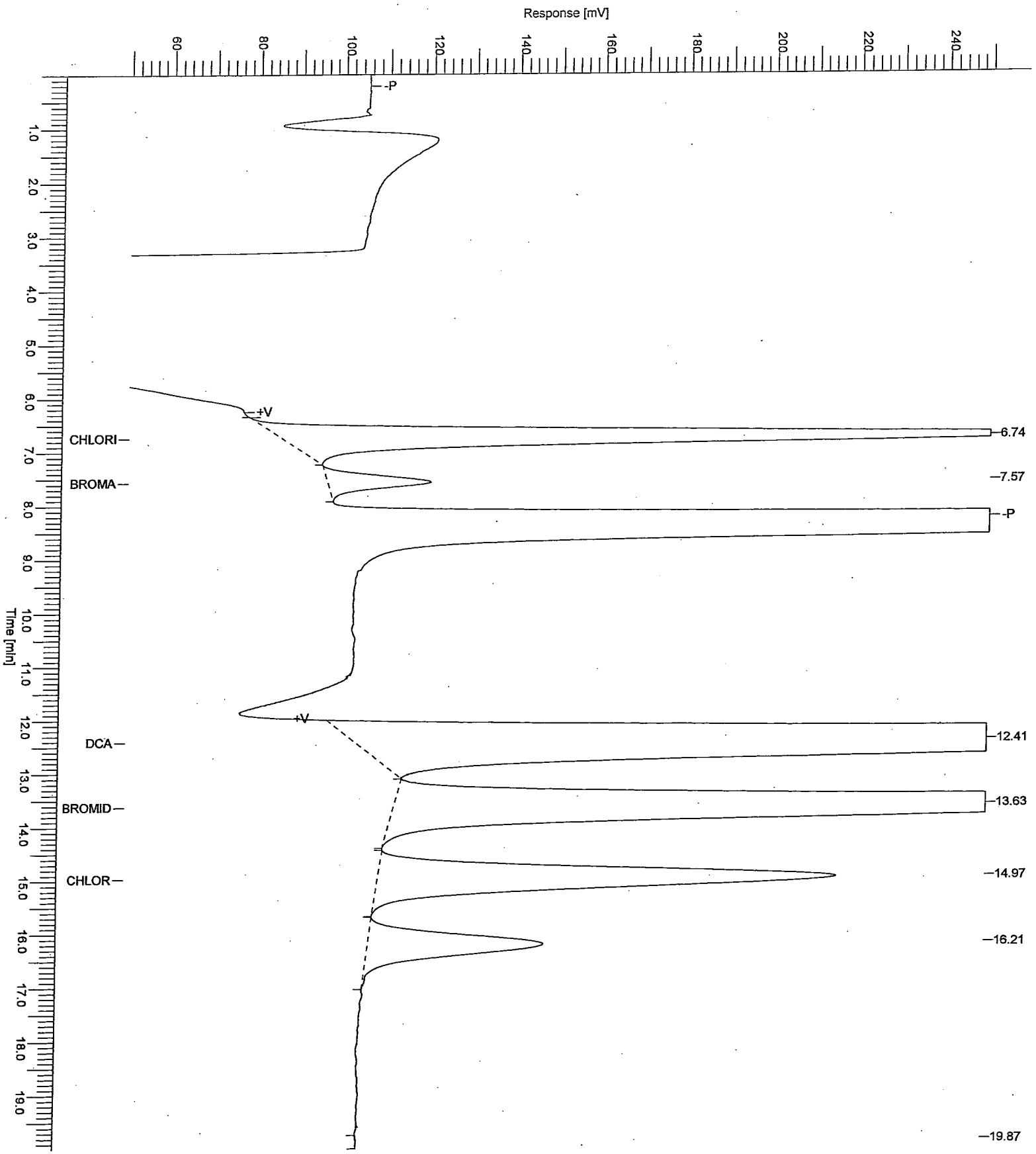
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071106\200711060007.TX0

Chromatogram

Sample Name : ICV Sample #: 7K06097
FileName : H:\DATA\IC7\20071106\200711060007.raw
Date : 11/7/2007 2:53:16 PM
Method : ic7qJ12 Time of Injection: 11/6/2007 8:39:57 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



TotalChrom Sequence File H:\DATA\IC7\20071119\20071119.seq
Printed by : inorg on: 11/21/2007 6:34:48 PM
Created by : inorg on: 11/19/2007 2:12:31 PM
Edited by : inorg on: 11/21/2007 6:34:45 PM
Number of Times Edited : 8
Description:

Sequence File Header Information:
Number of Rows : 73
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Int Std Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	LOW LEVEL	7K19101	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	7K19101-BS1	7K19101	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	7K19101-BLK1	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	IQK1137-01	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
6	Sample	7K19102-BS1	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	7K19102-BLK1	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	IQK1075-08	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	IQK1075-08	7K19102		1.000000	1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
10	Sample	IQK1075-09	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	IQK1075-10	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
12	Sample	IQK1075-11	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
13	Sample	IQK1075-12	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
14	Sample	IQK1075-13	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
15	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
16	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
17	Sample	IQK1075-14	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
18	Sample	IQK1075-15	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
19	Sample	7K19102-MS1	7K19102	IQK1075-15	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
20	Sample	7K1902-MSD1	7K19102	IQK1075-15	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	IQK1075-16	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
22	Sample	IQK1075-17	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
23	Sample	IQK1075-21	7K19102		1.000000	1.000000	1.000	20.000000	1.000000	1.000000	0.000000	100.000
24	Sample	7K19101-MS1	7K19101	IQK1137-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
25	Sample	7K19101-MSD1	7K19101	IQK1137-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
26	Sample	IQK1137-02	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
27	Sample	CCV	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	CCB	7K19101		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQK1137-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
30	Sample	IQK1137-04	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
31	Sample	IQK1137-05	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
32	Sample	IQK1137-06	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
33	Sample	IQK1137-07	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
34	Sample	IQK1137-08	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
35	Sample	IQK1137-09	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
36	Sample	IQK1137-10	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
37	Sample	IQK1137-11	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
38	Sample	IQK1246-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
39	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
41	Sample	IQK1247-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
42	Sample	IQK1248-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQK1249-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
44	Sample	~~IQK1321-01~~	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	IQK1321-01	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
46	Sample	IQK1345-05	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
47	Sample	IQK1345-06	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
48	Sample	IQK1433-01	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample	~~IQK1433-01~~	7K19102		1.000000	1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
50	Sample	IQK1541-03	7K19102		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
51	Sample	CCV	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample	CCB	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample	LOW LEVEL	7K19102		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample	IQK1137-03	7K19101		1.000000	1.000000	1.000	10.000000	10.000000	1.000000	0.000000	100.000
55	Sample	IQK1137-11	7K19101		1.000000	1.000000	1.000	20.000000	10.000000	1.000000	0.000000	100.000
56	Sample	7K19102-MS2	7K19102	IQK1433-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample	7K19102-MSD2	7K19102	IQK1433-01	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample	IQK1541-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
59	Sample	IQK1408-02	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
60	Sample	IQK1408-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
61	Sample	IQK1408-04	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
62	Sample	IQK1408-05	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000

PREPARATION BENCH SHEET

7K19101

TestAmerica - Irvine, CA

Printed: 12/4/2007 3:32:34PM

Matrix: Soil **Prepared using: Wet Chemistry - General Prep** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	Spike 2	ul Spike	ul Surrogate	Initials			Extraction Comments
7K19101-BLK1		QC	11/19/07 13:30	4	40			0		0					
7K19101-BS1		QC	11/19/07 13:30	4	40		7110129	1000		100					
7K19101-MS1		QC	11/19/07 13:30	4	40	IQK1137-01	7110129	1000		100					
7K19101-MS2		QC	11/19/07 13:30	4	40	IQK1480-07	7110129	1000		100					
7K19101-MSD1		QC	11/19/07 13:30	4	40	IQK1137-01	7110129	1000		100					
7K19101-MSD2		QC	11/19/07 13:30	4	40	IQK1480-07	7110129	1000		100					
IQK1137-01	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-02	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-03	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-04	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-05	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-06	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-07	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-08	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-09	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-10	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1137-11	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-01	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-02	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-03	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags

Spiking Witnessed By Date

Preparation Reviewed By 11/21/07 Date

Extracts Received By Date

PREPARATION BENCH SHEET

7K19101

TestAmerica - Irvine, CA

Printed: 12/4/2007 3:32:34PM

Matrix: Soil **Prepared using: Wet Chemistry - General Prep** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (g)	Final (ml)	Source ID	Spike 1	ul Spike	Spike 2	ul Spike	ul Surrogate	Initials			Extraction Comments
IQK1480-04	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-05	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-06	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-07	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-08	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags
IQK1480-09	A	Chlorite-300.1	11/19/07 13:30	4	40										J flags

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:	11/19/07	Date:	11/21/7
IC #:	7	Original Calibration date:	11/16/07
Method used:	300.1	Original Calibration file #:	IC7Q1560
QC Batches:	7K19101, 7K19102		

Analyst Rev	2nd Level Rev	
✓	✓	New sequence file created for each day of analysis
✓	✓	Daily IPC: %REC of target analytes : 85 - 115
✓	✓	Peak Gaussian Factor of Surrogate : 0.8 to 1.15
✓	✓	Surrogate Ret. Time : +/- 2% (of expected value from calibration)
✓	✓	RL (Low Cal Std) Check : 75 - 125 % recovery
✓	✓	ICB/CCB: After ICV/CCB and Not Detected
✓	✓	CCV: Every 10 samples and at end of run.
✓	✓	%R = 85 - 115
✓	✓	Ret. Time of ALL peaks : < +/- 5% (of expected value from IPC)
✓	✓	MB: Every batch of 20 samples or less and Not Detected
✓	✓	< MDL unless sample conc. > 1.5 x RL and j-flagging not required
✓	✓	LCS: Every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	MS/MSD: every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	RPD: <20% (or in-house limits)
✓	✓	Surrogate: 1 ppm (1000 ppb) DCA in ALL samples
✓	✓	%REC = 90 – 115 (or properly qualified)
✓	✓	All samples checked for dilution factor, retention time drift, peak shape, integration, linear range, proper bracketing between compliant CCV/CCB and transcription errors.

Comments:

Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 3:33:14 PM
Reprocess Number	: ic: 153810		
Operator	: inorg	Sample Name	: IB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 3:13:00 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071119\200711190001.raw
Result File : H:\DATA\IC7\20071119\200711190001.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190001.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.48	2517.60	-0.1457	-0.1457	*
DCA	12.40	0.00	0.0000	0.0000	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		2517.60	-0.1457	-0.1457	

* Warning -- uncalibrated levels encountered

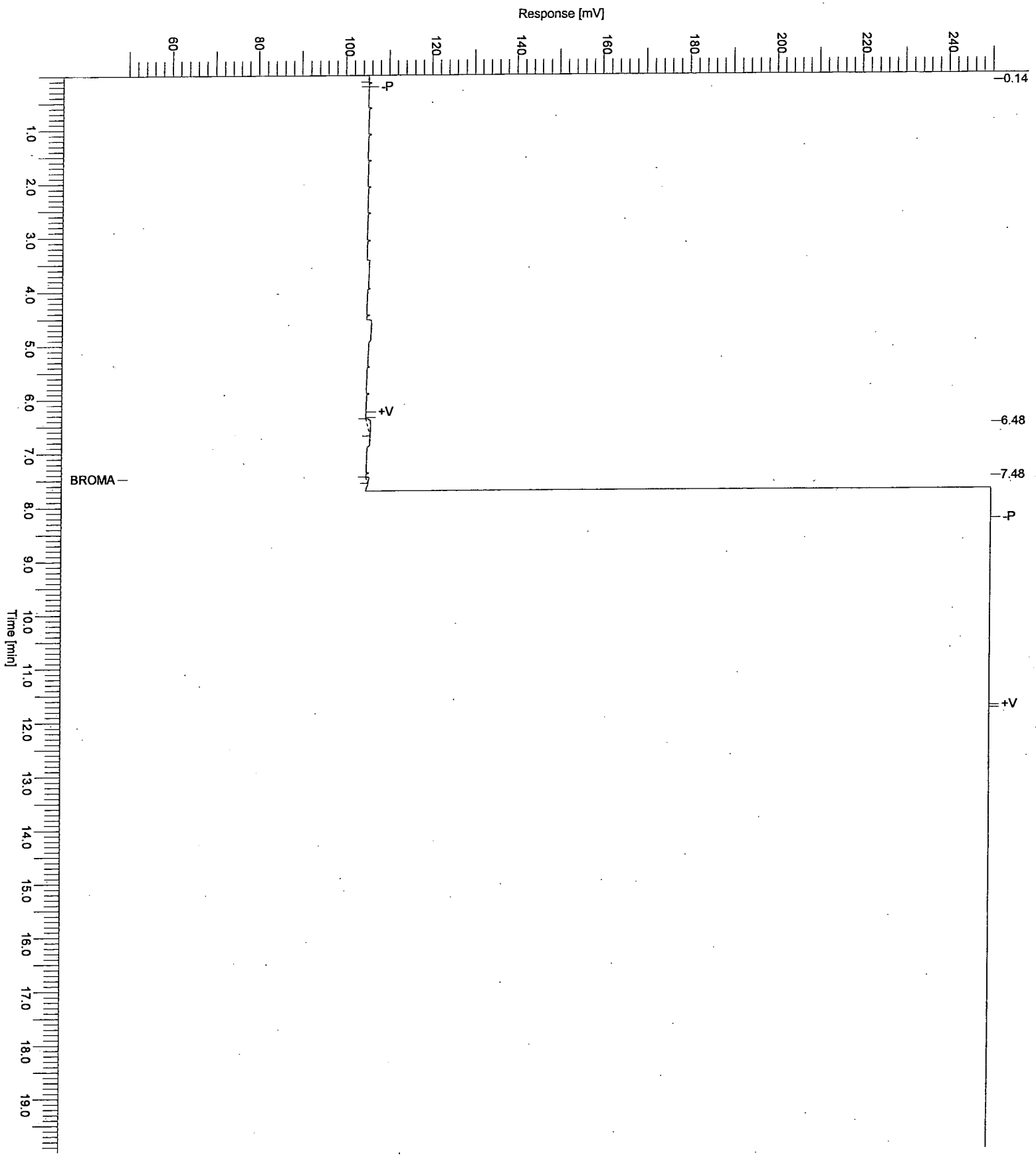
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
DCA	12.405
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190001.TX0

Chromatogram

Sample Name : IB Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190001.raw
Date : 11/19/2007 3:33:15 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 3:13:00 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 4:24:10 PM
Reprocess Number	: ic: 153819		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K19101	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 4:03:56 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071119\200711190002.raw
Result File : H:\DATA\IC7\20071119\200711190002.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190002.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.69	475019.90	19.7015	19.7015	*
BROMATE	7.50	65153.00	4.8814	4.8814	*
DCA	12.26	1.26e+07	1.0300	1.0300	
BROMIDE	13.38	1109422.50	48.0107	48.0107	*
CHLORATE	14.68	391166.80	18.7942	18.7942	*
		1.46e+07	92.4178	92.4178	

* Warning -- uncalibrated levels encountered

Missing Component Report

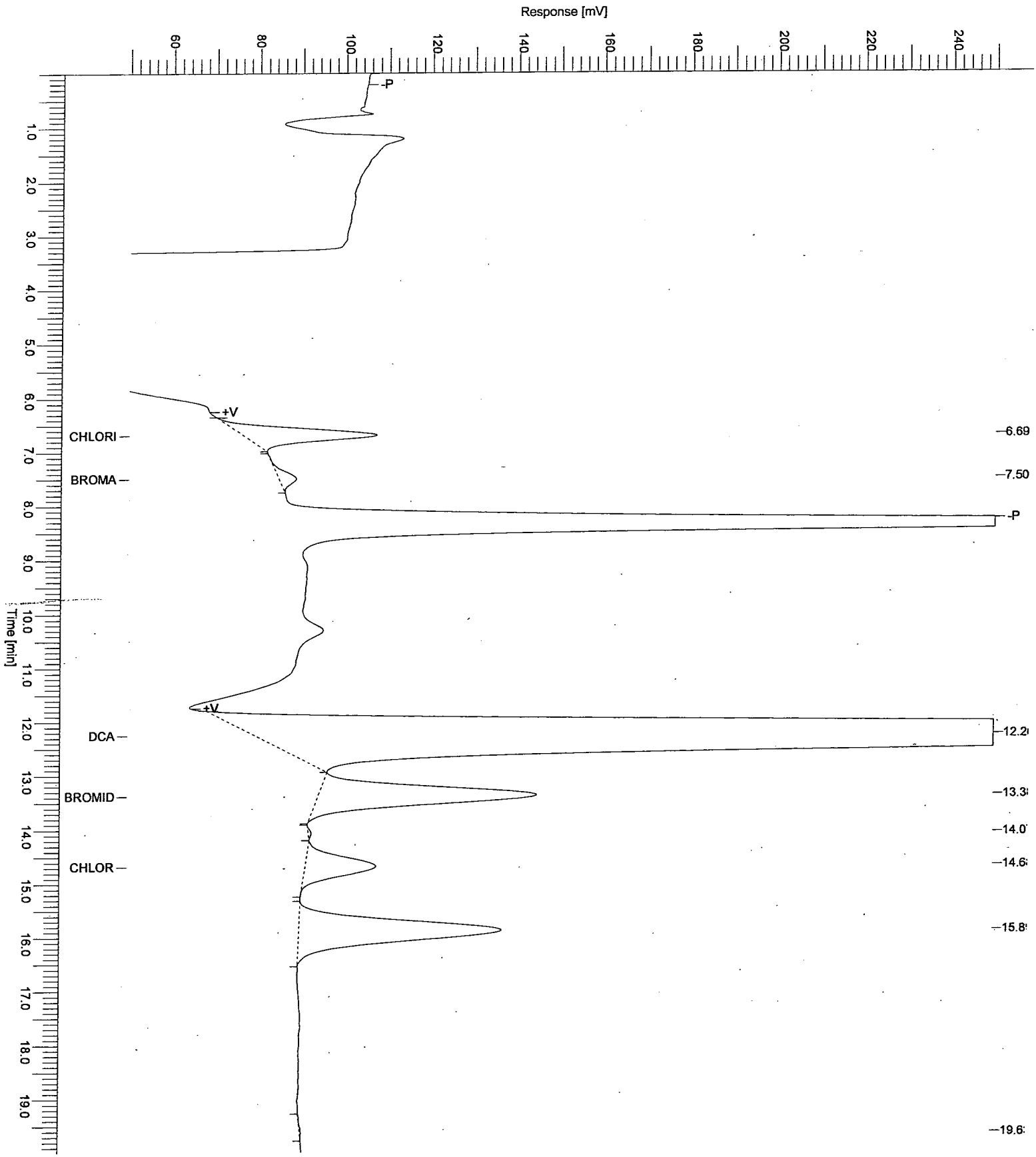
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190002.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190002.raw
Date : 11/19/2007 4:24:11 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 4:03:56 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 5:15:08 PM
Reprocess Number	: ic: 153830		
Operator	: inorg	Sample Name	: 7K19101-BS1
Sample Number	: 7K19101	Study	: 7110129
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 4:54:55 PM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071119\200711190003.raw
Result File : H:\DATA\IC7\20071119\200711190003.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2695133.50	102.9956	102.9956	*
BROMATE	7.49	339735.80	26.9192	26.9192	*
DCA	12.27	1.30e+07	1.0650	1.0650	
BROMIDE	13.36	6524350.60	258.0942	258.0942	*
CHLORATE	14.67	2360425.60	104.1393	104.1393	*
		2.49e+07	493.2134	493.2134	

* Warning -- uncalibrated levels encountered

Missing Component Report

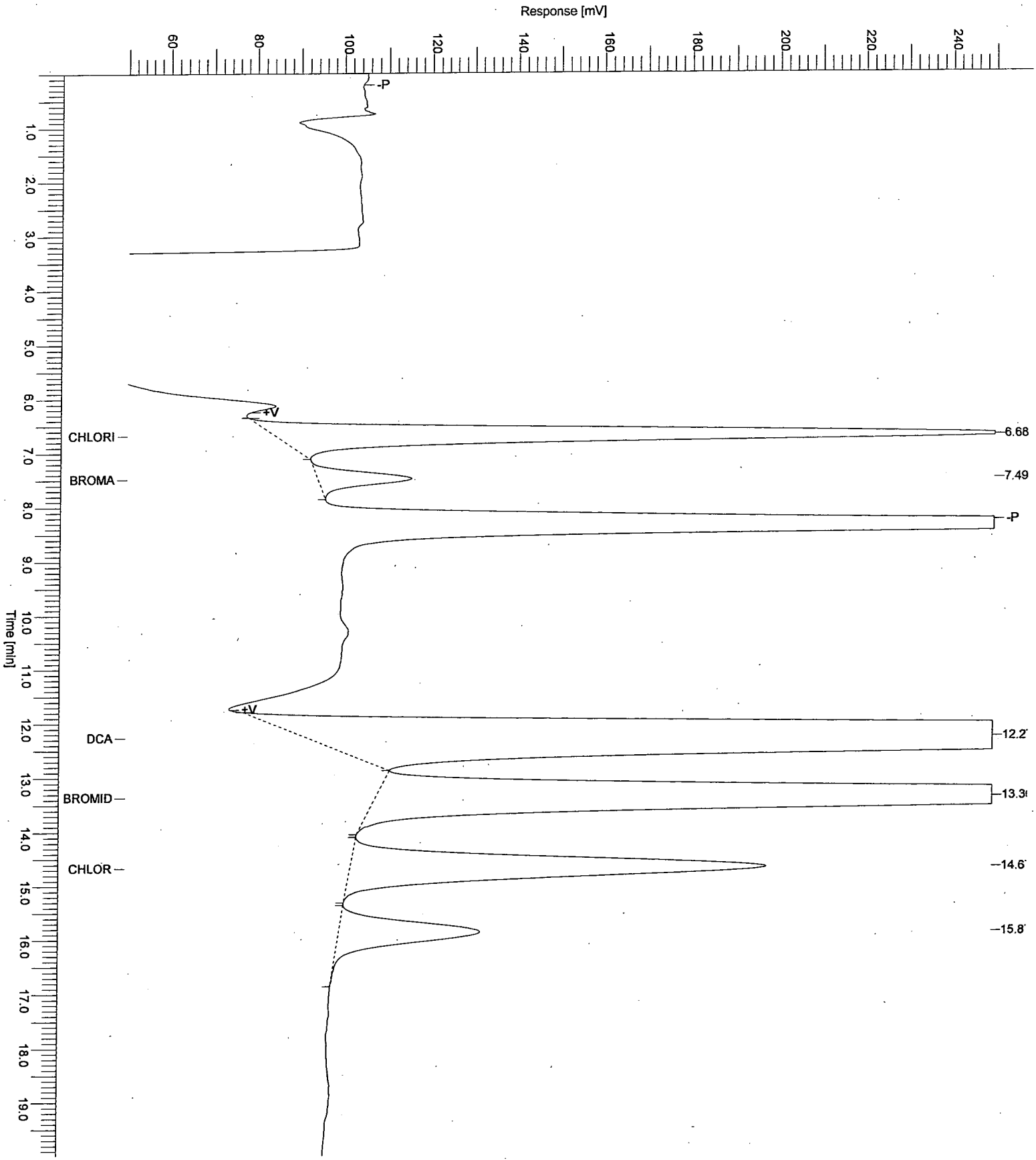
Component	Expected Retention (Calibration File)

All components were found

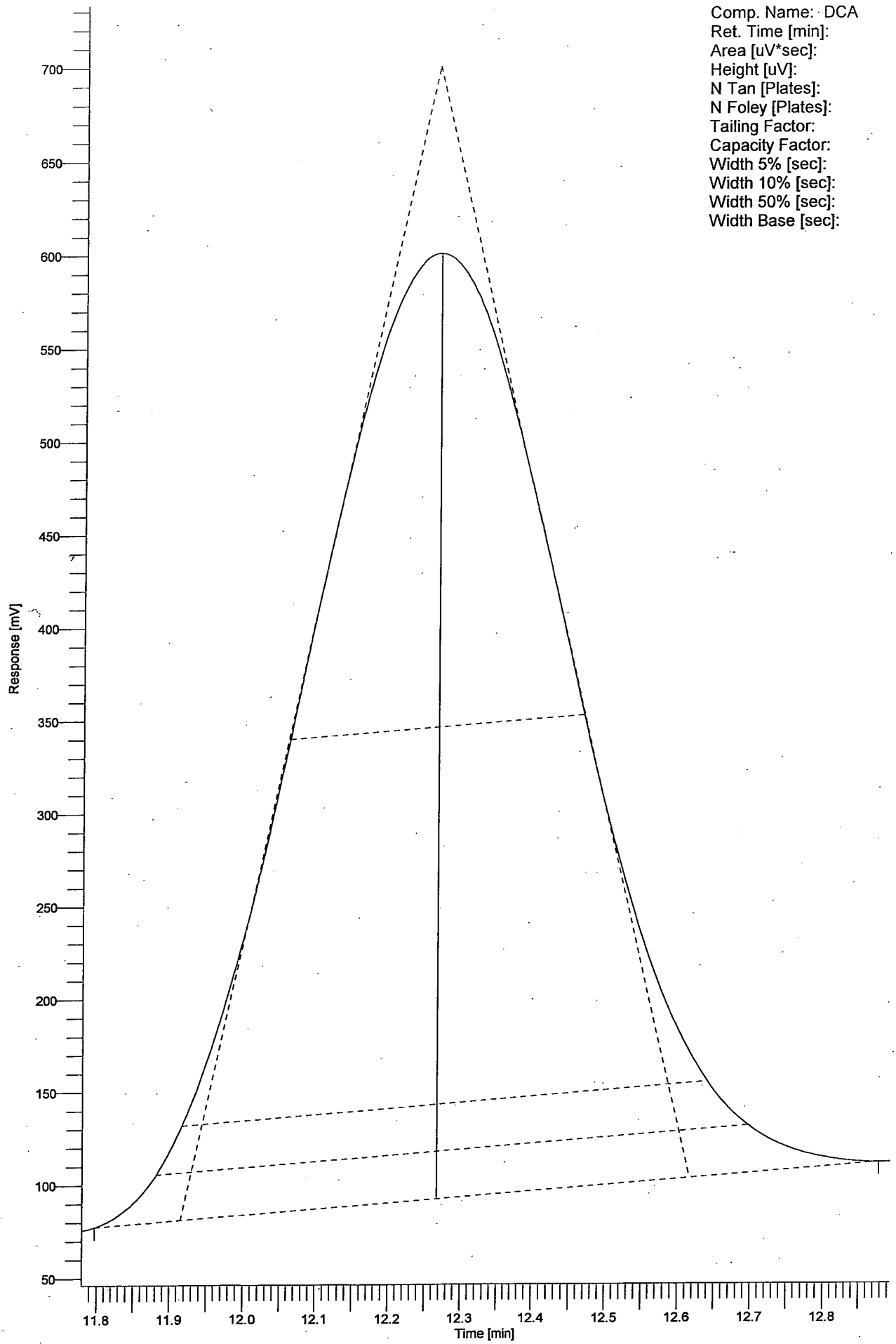
Report stored in ASCII file: H:\DATA\IC7\20071119\200711190003.TX0

Chromatogram

Sample Name : 7K19101-BS1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190003.raw
Date : 11/19/2007 5:15:09 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 4:54:55 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Filename: H:\DATA\IC7\20071119\200711190003.rst
Sample: 7K19101-BS1
Instrument: ICDNX7 Operator: inorg Date: 11/27/2007 11:07:46 AM



Comp. Name:	DCA
Ret. Time [min]:	12.27
Area [uV*sec]:	13012226.40
Height [uV]:	508494.09
N Tan [Plates]:	4891.75
N Foley [Plates]:	5157.57
Tailing Factor:	1.03
Capacity Factor:	N/A
Width 5% [sec]:	48.99
Width 10% [sec]:	43.45
Width 50% [sec]:	24.33
Width Base [sec]:	42.09

********** PGF Report **********

File Name	Sample Name	Time [min.]	Delta RT %	PGF 0.80-1.15	DCA Area [µV·s]	Height [µV]	Area/Height [s]
200711190003.rst	7K19101-BS1	12.27	-1.1126	1.0246	13012226.40	508494.09	25.5897

Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 6:06:10 PM
Reprocess Number	: ic: 153841		
Operator	: inorg	Sample Name	: 7K19101-BLK1
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 5:45:53 PM	Cycle	: 4

Raw Data File : H:\DATA\IC7\20071119\200711190004.raw
Result File : H:\DATA\IC7\20071119\200711190004.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190004.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.26	1.29e+07	1.0519	1.0519	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.29e+07	1.0519	1.0519	

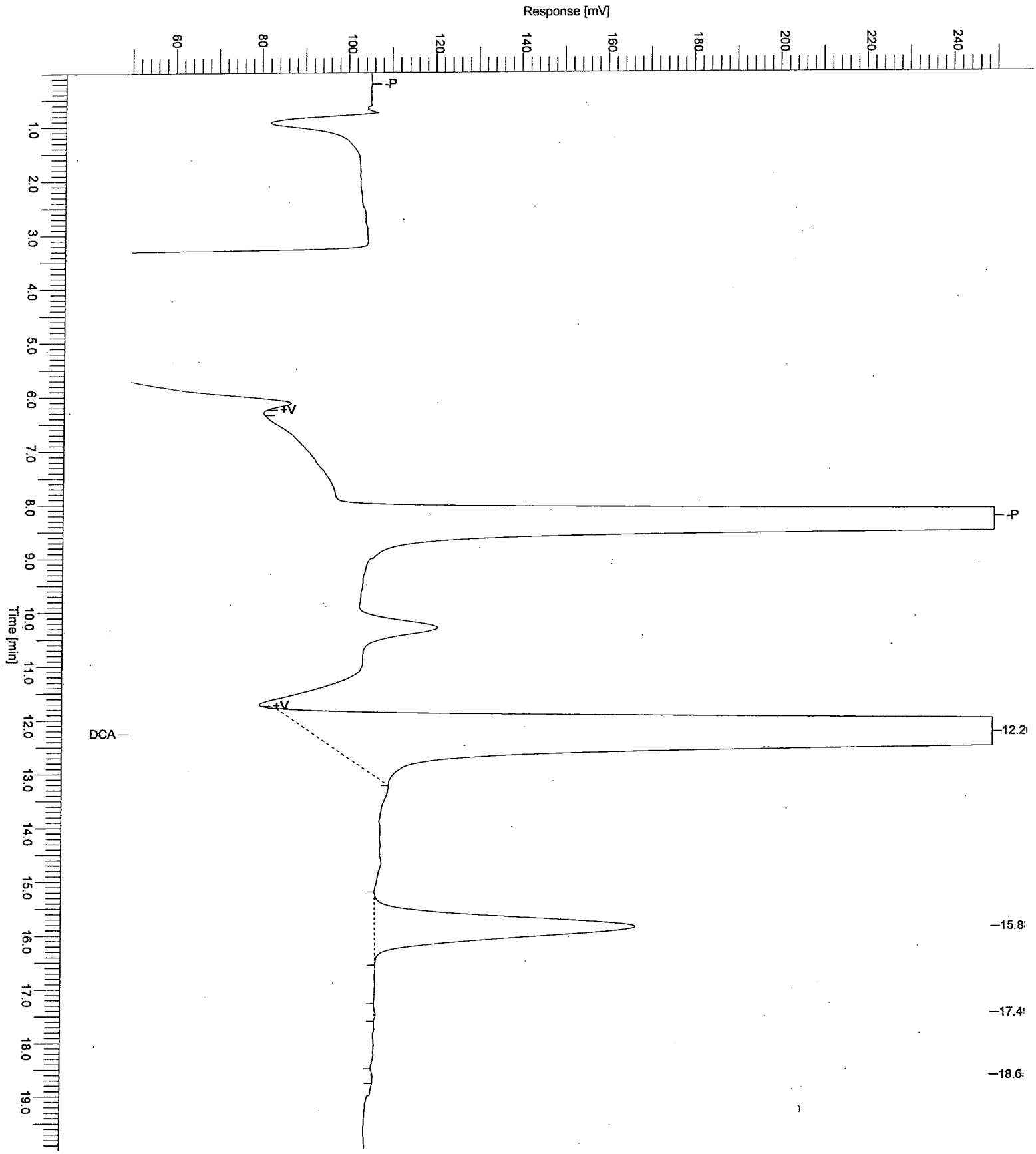
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190004.TX0

Chromatogram

Sample Name : 7K19101-BLK1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190004.raw
Date : 11/19/2007 6:06:11 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 5:45:53 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/19/2007 6:57:05 PM
Reprocess Number	: ic: 153849		
Operator	: inorg	Sample Name	: IQK1137-01
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/19/2007 6:36:53 PM	Cycle	: 5

Raw Data File : H:\DATA\IC7\20071119\200711190005.raw
Result File : H:\DATA\IC7\20071119\200711190005.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190005.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190005.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190005.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.25	1.25e+07	1.0194	10.1938	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.68	37297.60	3.4580	34.5801	*
		1.25e+07	4.4774	44.7739	

* Warning -- uncalibrated levels encountered

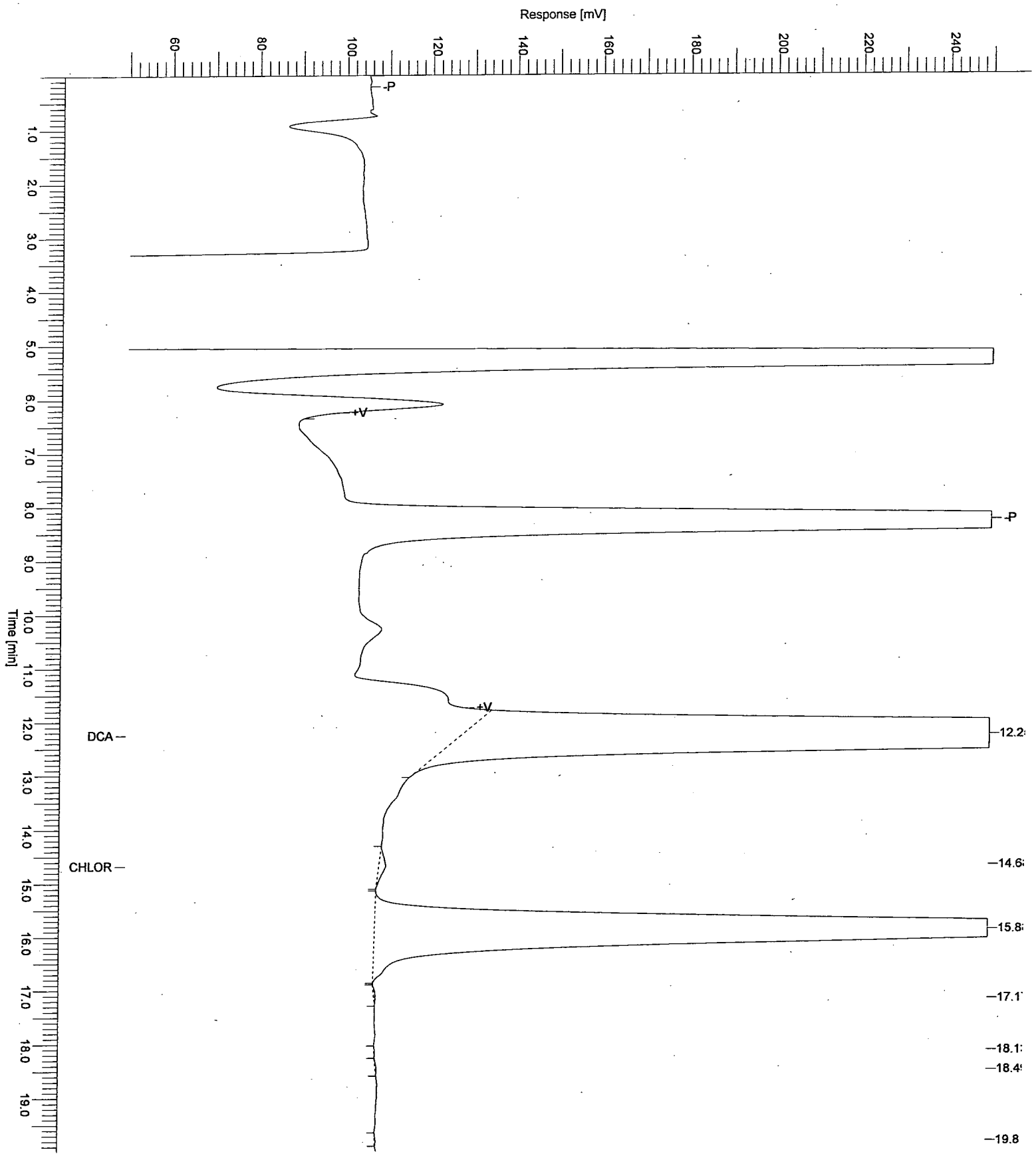
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190005.TX0

Chromatogram

Sample Name : IQK1137-01 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190005.raw
Date : 11/19/2007 6:57:06 PM
Method : ic7qk06a.mth Time of Injection: 11/19/2007 6:36:53 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	: 11/20/2007 3:58:47 AM
Reprocess Number	: ic: 153918		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 3:38:32 AM	Cycle	: 15

Raw Data File : H:\DATA\IC7\20071119\200711190015.raw
Result File : H:\DATA\IC7\20071119\200711190015.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190015.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.70	2597386.90	99.3284	99.3284	*
BROMATE	7.51	321459.40	25.4524	25.4524	*
DCA	12.25	1.26e+07	1.0306	1.0306	
BROMIDE	13.54	6482044.80	256.4529	256.4529	*
CHLORATE	14.83	2262569.20	99.8983	99.8983	*
		2.43e+07	482.1626	482.1626	

* Warning -- uncalibrated levels encountered

Missing Component Report

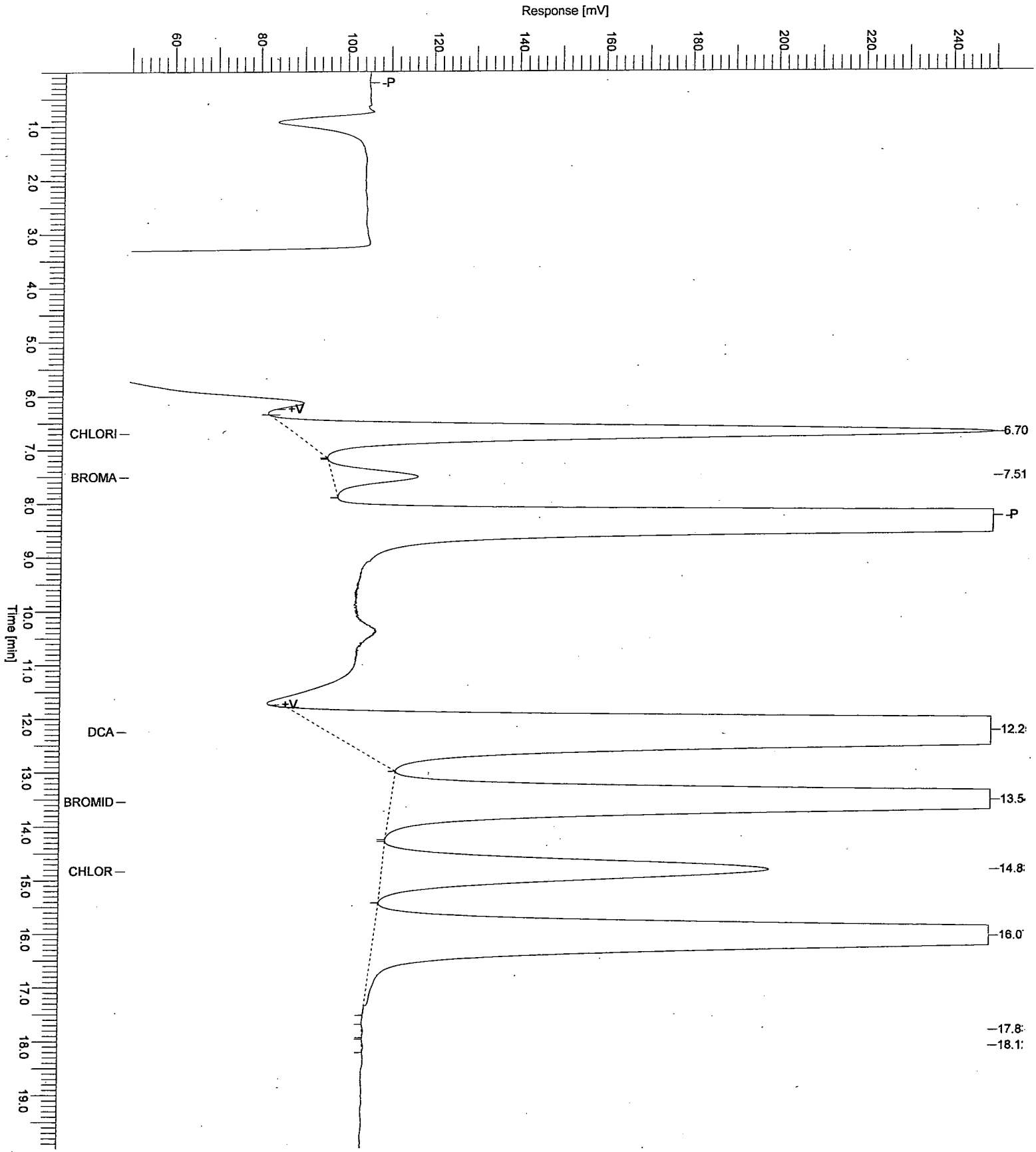
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190015.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190015.raw
Date : 11/20/2007 3:58:48 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 3:38:32 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 4:49:49 AM
Reprocess Number	: ic: 153923		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 4:29:34 AM	Cycle	: 16

Raw Data File : H:\DATA\IC7\20071119\200711190016.raw
Result File : H:\DATA\IC7\20071119\200711190016.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190016.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.25	1.31e+07	1.0686	1.0686	
BROMIDE	13.47	23839.20	5.8932	5.8932	*
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.31e+07	6.9618	6.9618	

* Warning – uncalibrated levels encountered

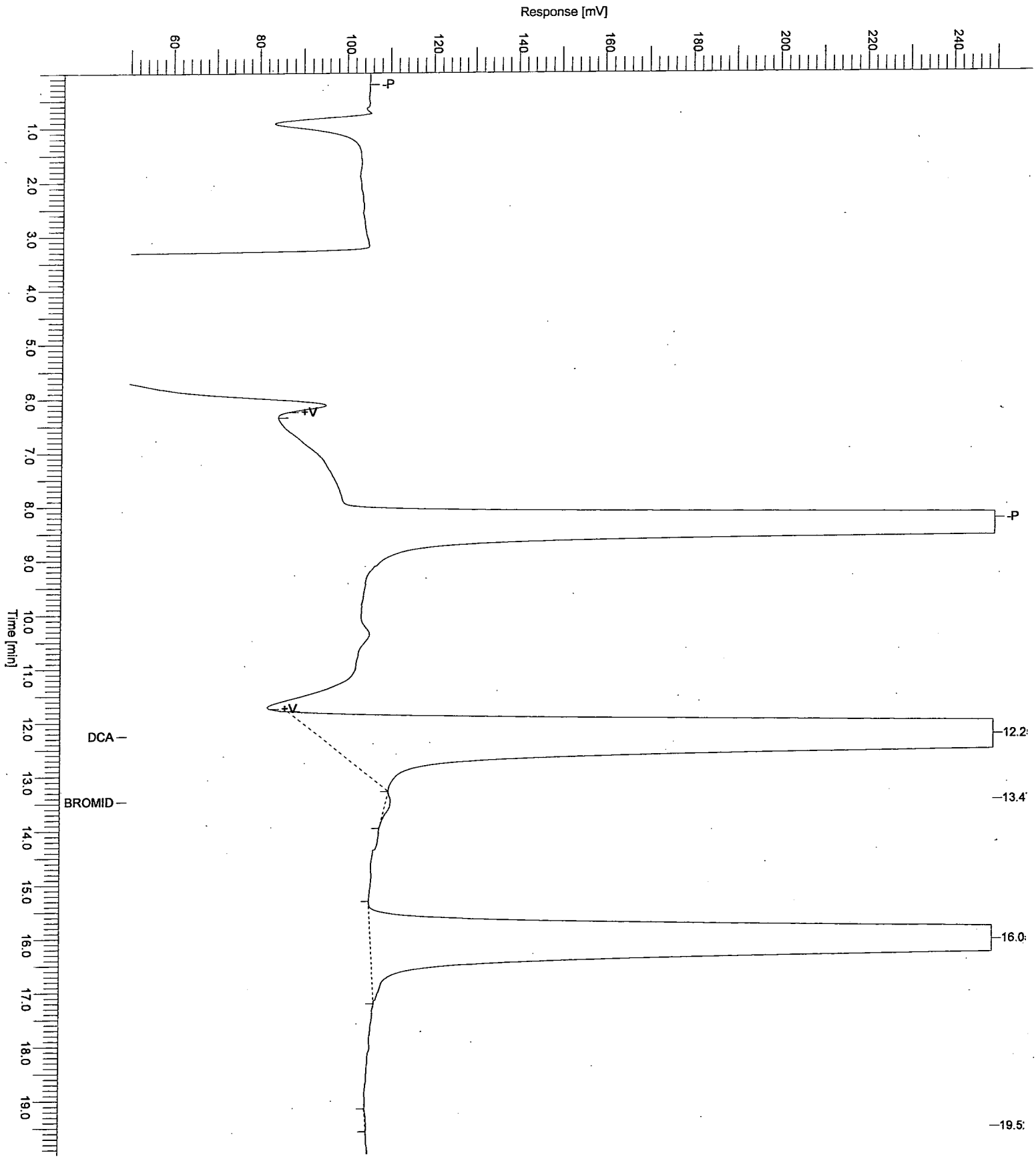
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190016.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190016.raw
Date : 11/20/2007 4:49:50 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 4:29:34 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 11:37:40 AM
Reprocess Number	: ic: 153989		
Operator	: inorg	Sample Name	: 7K19101-MS1
Sample Number	: 7K19101	Study	: IQK1137-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 11:17:26 AM	Cycle	: 24

Raw Data File : H:\DATA\IC7\20071119\200711190024.raw
Result File : H:\DATA\IC7\20071119\200711190024.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190024.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190024.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190024.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.65	2275215.20	87.2412	872.4116	*
BROMATE	7.46	314982.80	24.9326	249.3256	*
DCA	12.24	1.07e+07	0.8772	8.7723	
BROMIDE	13.42	6395909.60	253.1111	2531.1109	*
CHLORATE	14.70	2256569.00	99.6383	996.3829	*
		2.20e+07	465.8003	4658.0033	

* Warning -- uncalibrated levels encountered

Missing Component Report

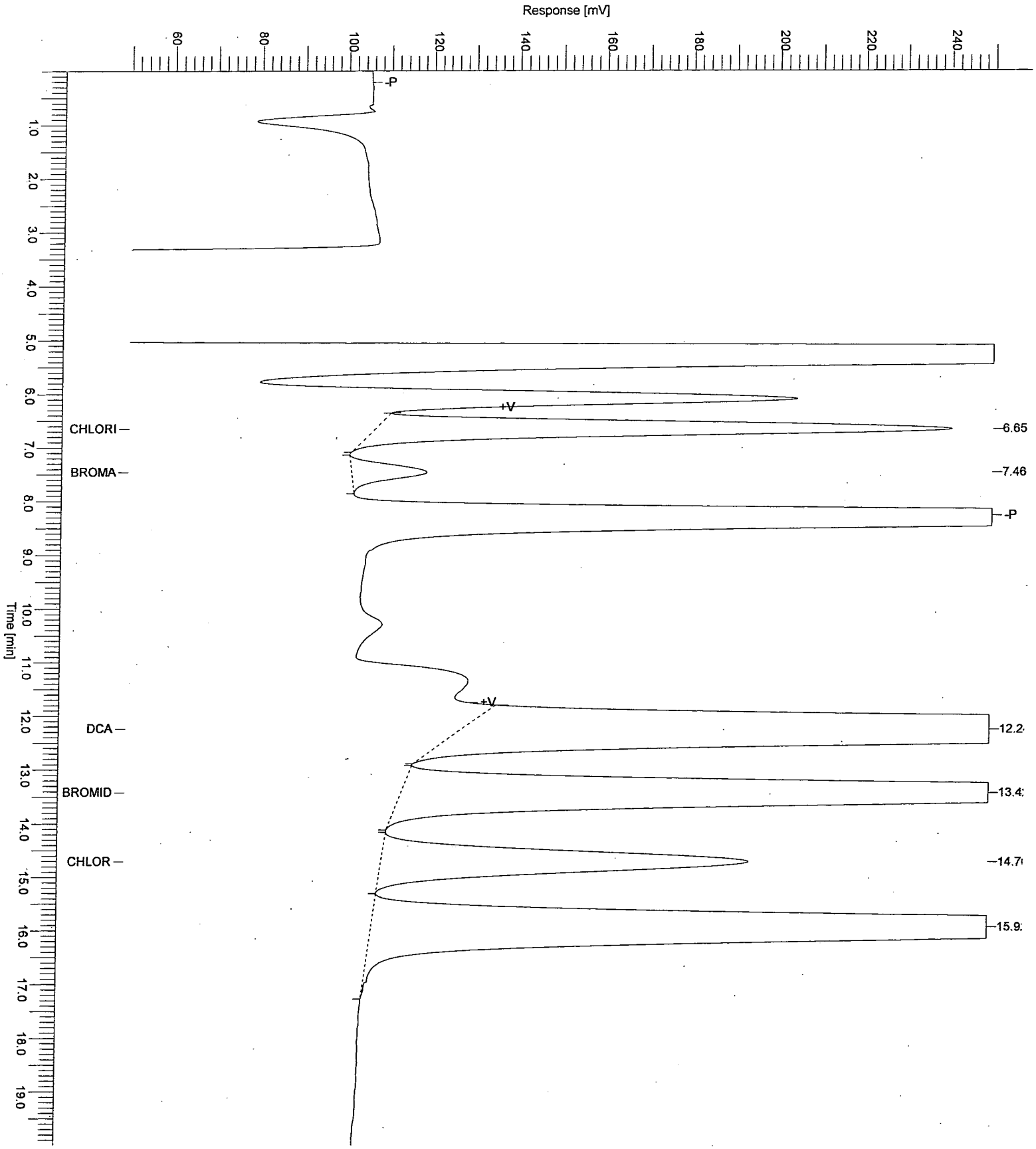
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190024.TX0

Chromatogram

Sample Name : 7K19101-MS1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190024.raw
Date : 11/20/2007 11:37:41 AM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 11:17:26 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 12:28:44 PM
Reprocess Number	: ic: 154001		
Operator	: inorg	Sample Name	: 7K19101-MSD1
Sample Number	: 7K19101	Study	: IQK1137-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 12:08:26 PM	Cycle	: 25

Raw Data File : H:\DATA\IC7\20071119\200711190025.raw
Result File : H:\DATA\IC7\20071119\200711190025.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190025.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190025.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190025.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.64	2221835.70	85.2385	852.3847	*
BROMATE	7.45	316460.60	25.0512	250.5116	*
DCA	12.23	1.06e+07	0.8672	8.6719	
BROMIDE	13.36	6328072.50	250.4792	2504.7921	*
CHLORATE	14.65	2263958.40	99.9585	999.5854	*
		2.17e+07	461.5946	4615.9457	

* Warning -- uncalibrated levels encountered

Missing Component Report

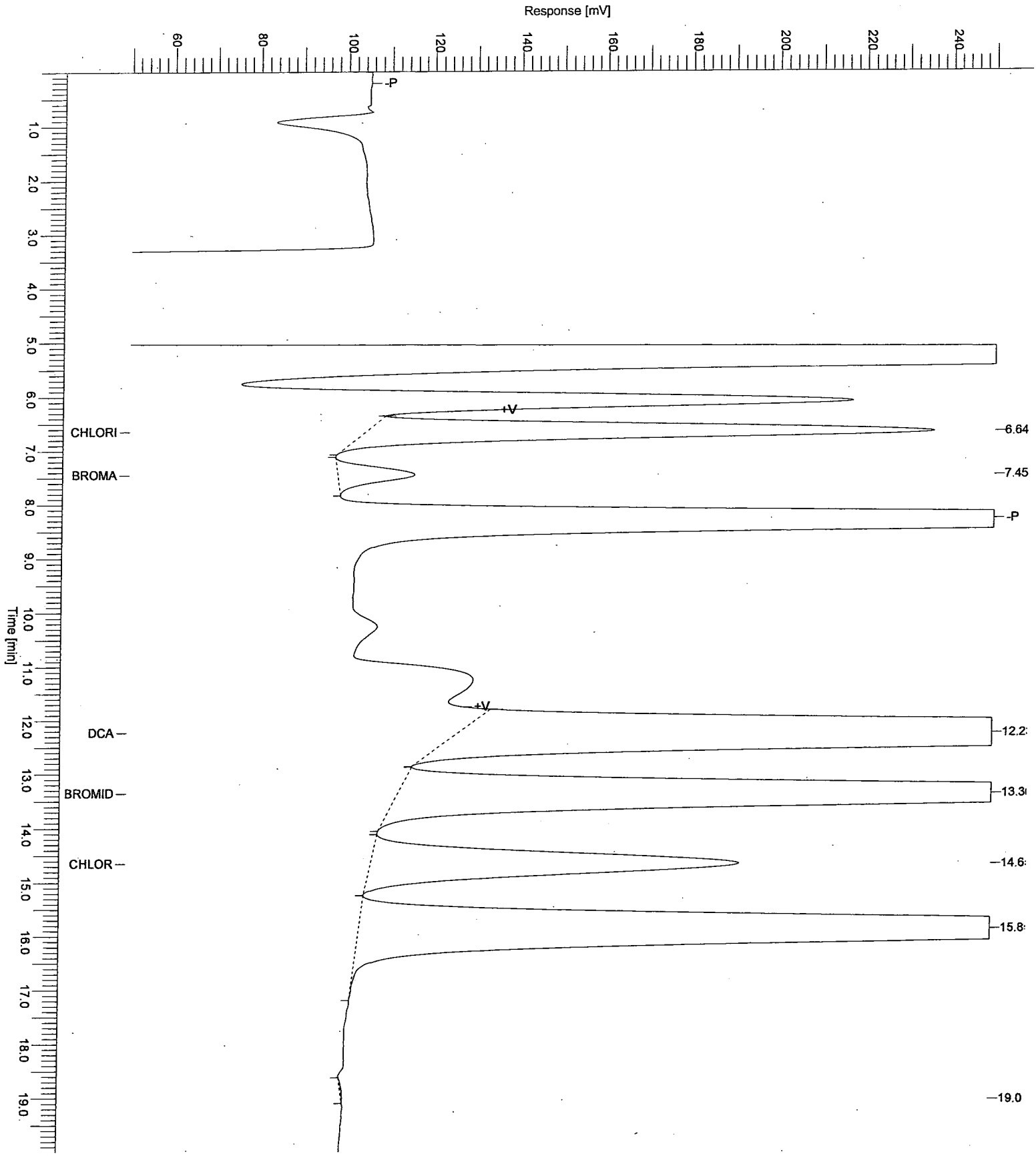
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190025.TX0

Chromatogram

Sample Name : 7K19101-MSD1 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190025.raw
Date : 11/20/2007 12:28:45 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 12:08:26 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 1:19:46 PM
Reprocess Number	: ic: 154012		
Operator	: inorg	Sample Name	: IQK1137-02
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 12:59:24 PM	Cycle	: 26

Raw Data File : H:\DATA\IC7\20071119\200711190026.raw
Result File : H:\DATA\IC7\20071119\200711190026.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190026.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190026.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190026.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.22	1.07e+07	0.8744	8.7437	
BROMIDE	13.25	368285.40	19.2567	192.5668	*
CHLORATE	14.55	1.21e+07	525.2935	5252.9349	*
		2.31e+07	545.4245	5454.2453	

* Warning -- uncalibrated levels encountered

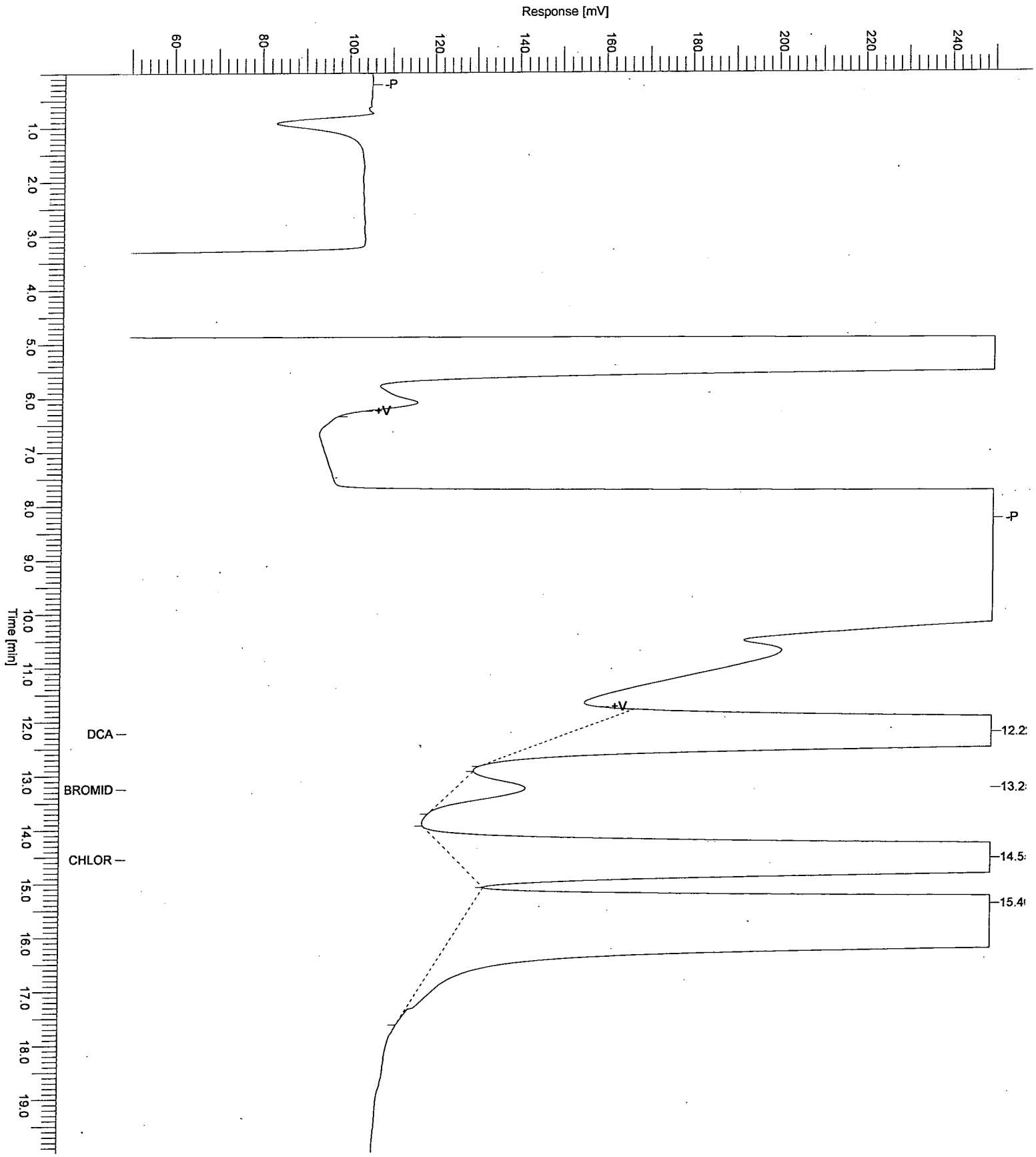
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190026.TX0

Chromatogram

Sample Name : IQK1137-02 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190026.raw
Date : 11/20/2007 1:19:47 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 12:59:24 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 2:10:40 PM
Reprocess Number	: ic: 154022		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 1:50:22 PM	Cycle	: 27

Raw Data File : H:\DATA\IC7\20071119\200711190027.raw
Result File : H:\DATA\IC7\20071119\200711190027.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190027.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2585932.20	98.8986	98.8986	*
BROMATE	7.48	321978.20	25.4940	25.4940	*
DCA	12.26	1.24e+07	1.0184	1.0184	
BROMIDE	13.33	6234898.00	246.8643	246.8643	*
CHLORATE	14.64	2231728.40	98.5617	98.5617	*
		2.38e+07	470.8371	470.8371	

* Warning -- uncalibrated levels encountered

Missing Component Report

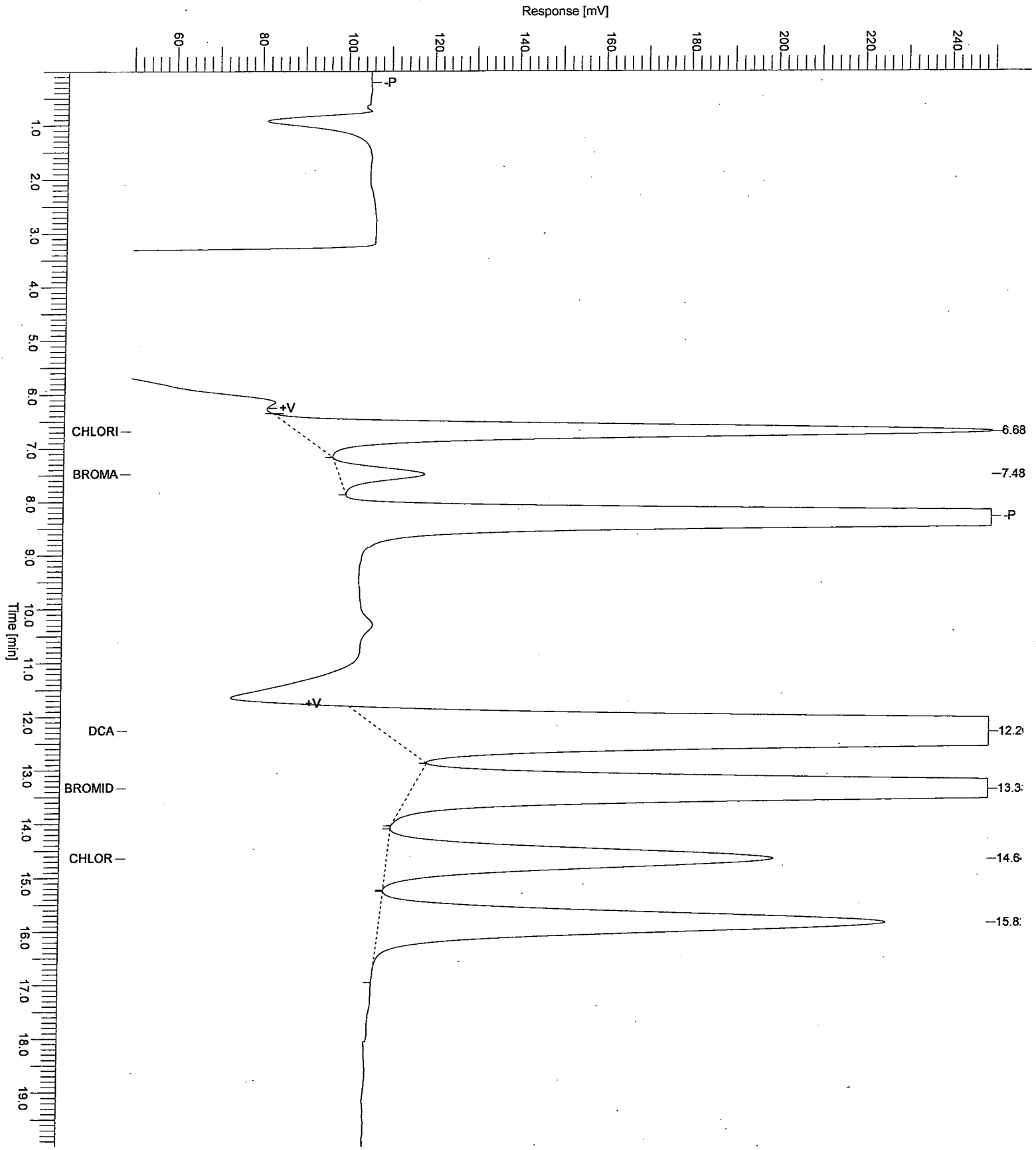
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190027.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190027.raw
Date : 11/20/2007 2:10:41 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 1:50:22 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 3:01:34 PM
Reprocess Number	: ic: 154029		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 2:41:21 PM	Cycle	: 28

Raw Data File : H:\DATA\IC7\20071119\200711190028.raw
Result File : H:\DATA\IC7\20071119\200711190028.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190028.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.26	1.29e+07	1.0564	1.0564	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.29e+07	1.0564	1.0564	

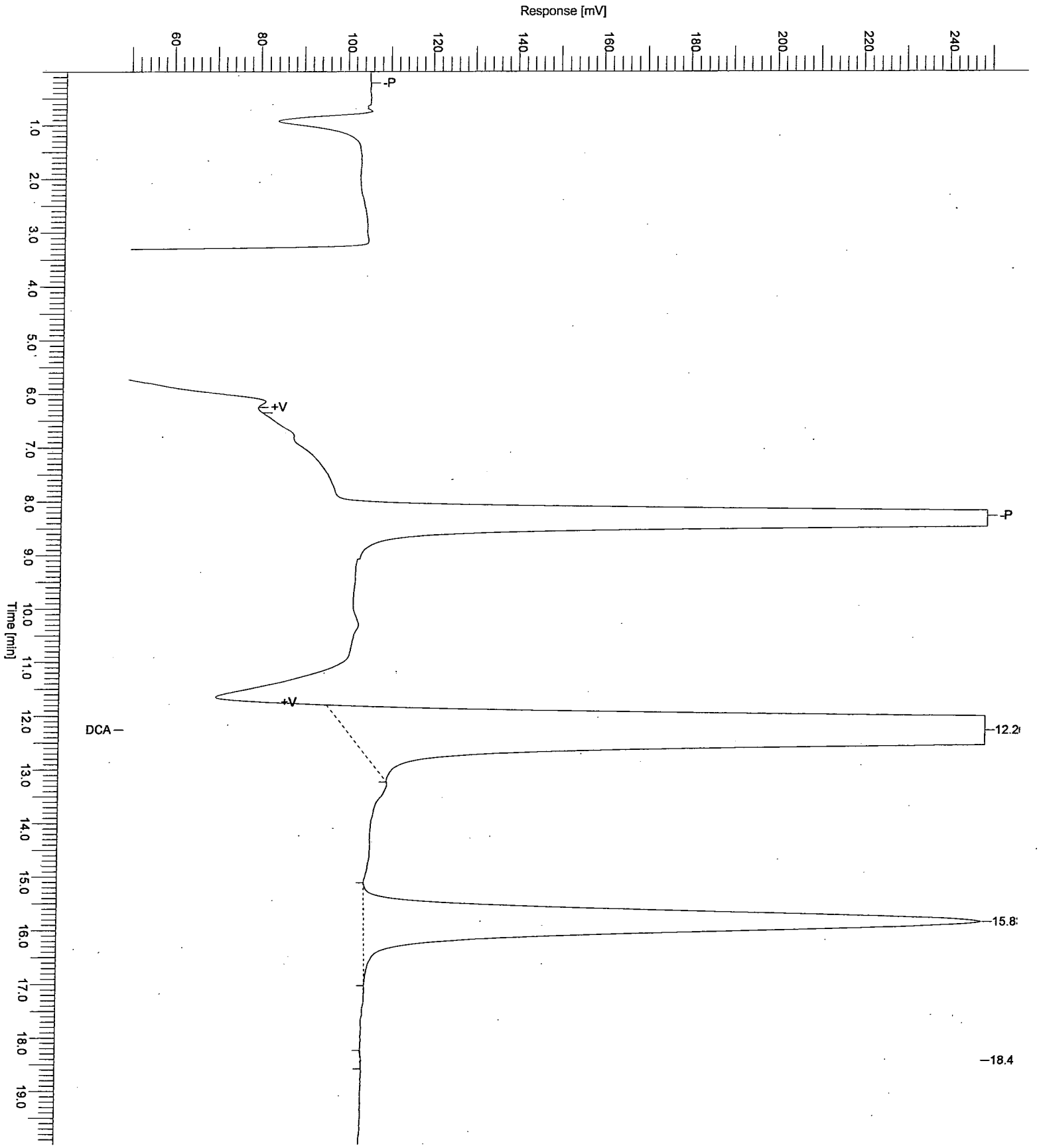
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190028.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190028.raw
Date : 11/20/2007 3:01:35 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 2:41:21 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 4:43:34 PM
Reprocess Number	: ic: 154047		
Operator	: inorg	Sample Name	: IQK1137-04
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 4:23:17 PM	Cycle	: 30

Raw Data File : H:\DATA\IC7\20071119\200711190030.raw
Result File : H:\DATA\IC7\20071119\200711190030.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190030.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190030.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190030.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.16	1.02e+07	0.8375	8.3753	
BROMIDE	13.23	4918338.50	195.7856	1957.8560	*
CHLORATE	14.50	3454040.10	151.5351	1515.3510	*
		1.86e+07	348.1582	3481.5824	

* Warning -- uncalibrated levels encountered

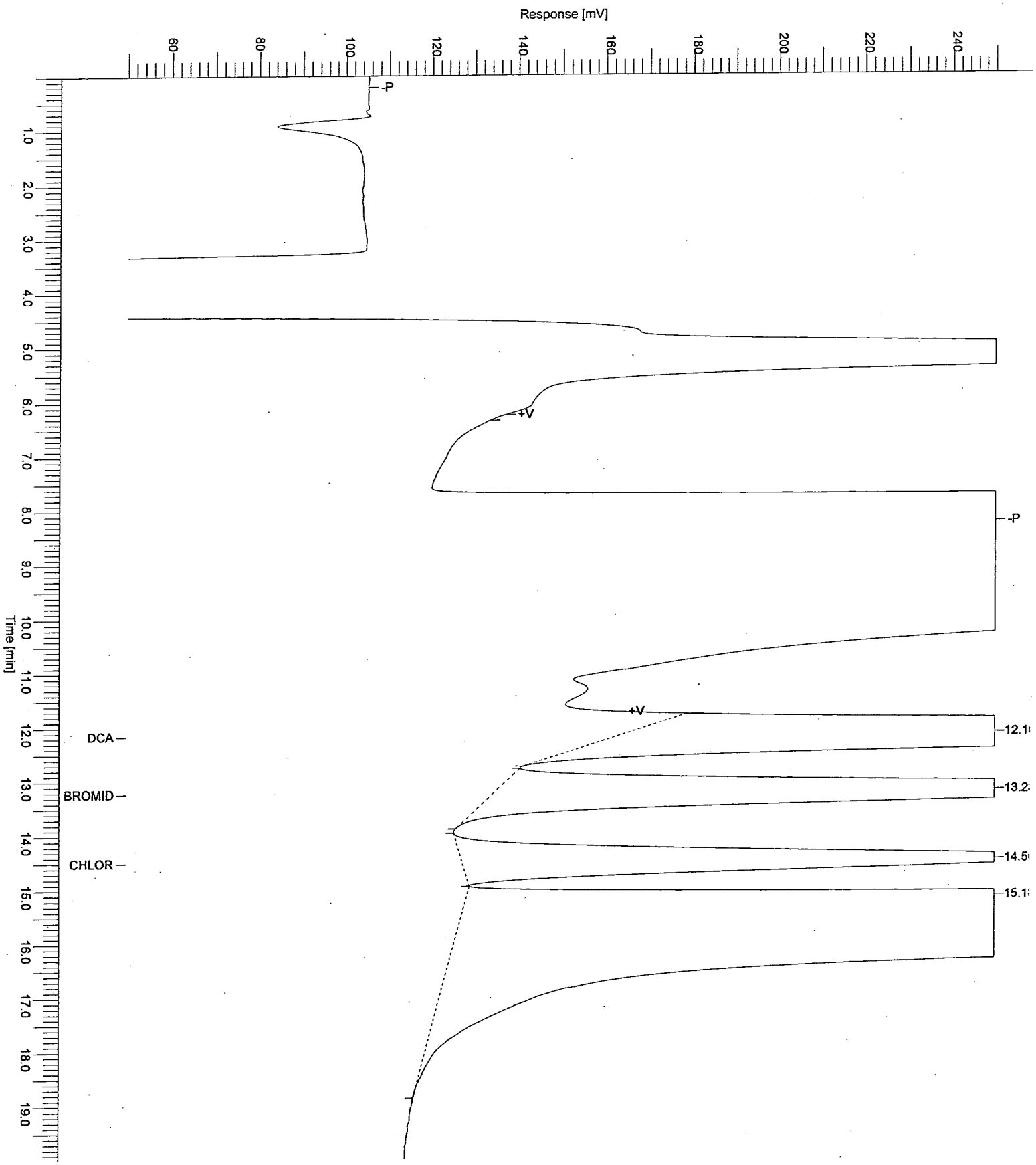
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190030.TX0

Chromatogram

Sample Name : IQK1137-04 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190030.raw
Date : 11/20/2007 4:43:35 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 4:23:17 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 5:34:34 PM
Reprocess Number	: ic: 154058		
Operator	: inorg	Sample Name	: IQK1137-05
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 5:14:16 PM	Cycle	: 31

Raw Data File : H:\DATA\IC7\20071119\200711190031.raw
Result File : H:\DATA\IC7\20071119\200711190031.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190031.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190031.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190031.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.10e+07	0.8973	8.9729	
BROMIDE	13.33	458231.40	22.7463	227.4633	*
CHLORATE	14.61	1.51e+07	655.0853	6550.8527	*
		2.65e+07	678.7289	6787.2888	

* Warning -- uncalibrated levels encountered

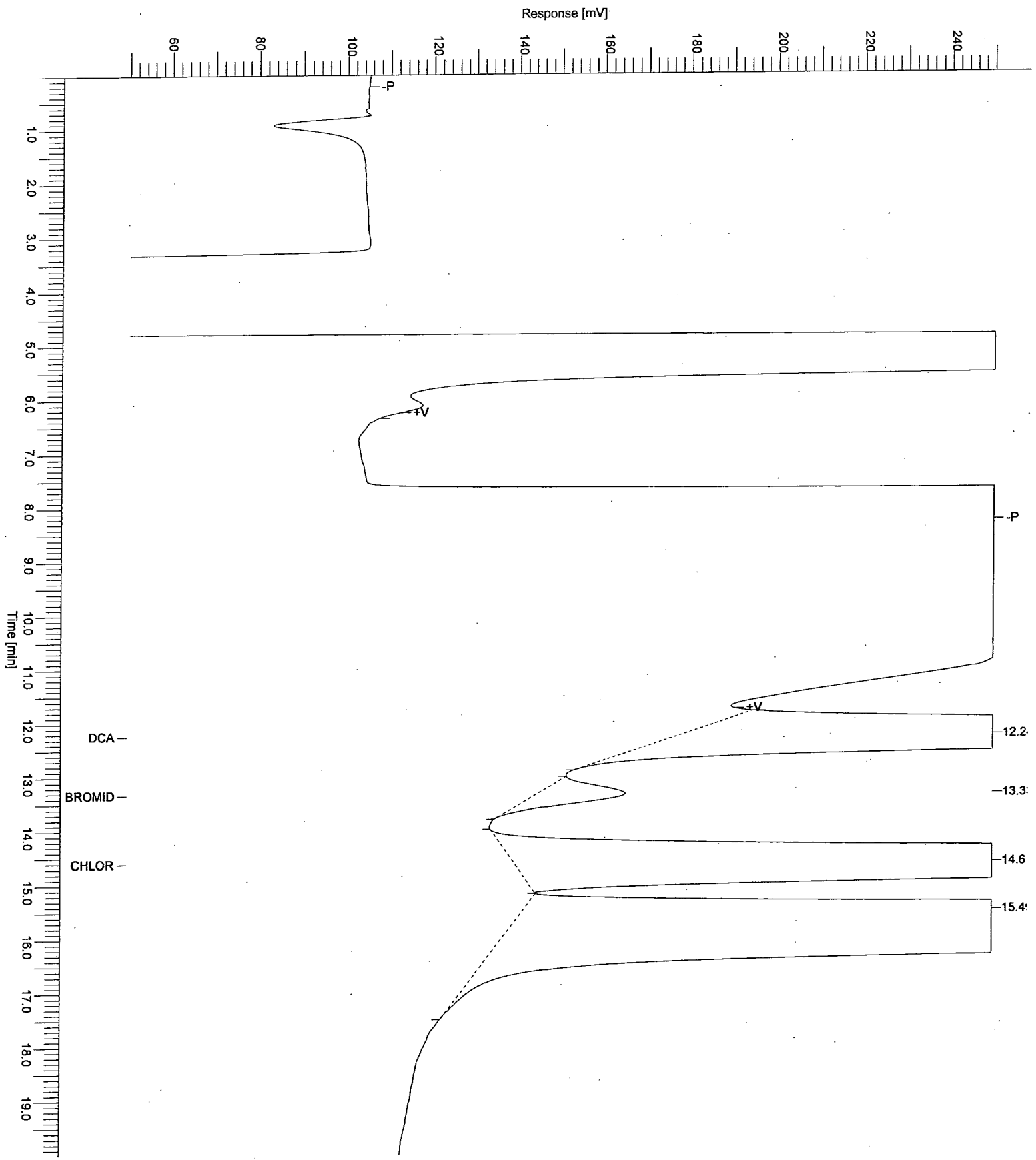
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190031.TX0

Chromatogram

Sample Name : IQK1137-05 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190031.raw
Date : 11/20/2007 5:34:35 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 5:14:16 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 6:25:30 PM
Reprocess Number	: ic: 154070		
Operator	: inorg	Sample Name	: IQK1137-06
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 6:05:15 PM	Cycle	: 32

Raw Data File : H:\DATA\IC7\20071119\200711190032.raw
Result File : H:\DATA\IC7\20071119\200711190032.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190032.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190032.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190032.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.22	1.09e+07	0.8887	8.8869	
BROMIDE	13.35	2369965.30	96.9161	969.1608	*
CHLORATE	14.63	1384327.30	61.8365	618.3649	*
		1.46e+07	159.6413	1596.4126	

* Warning -- uncalibrated levels encountered

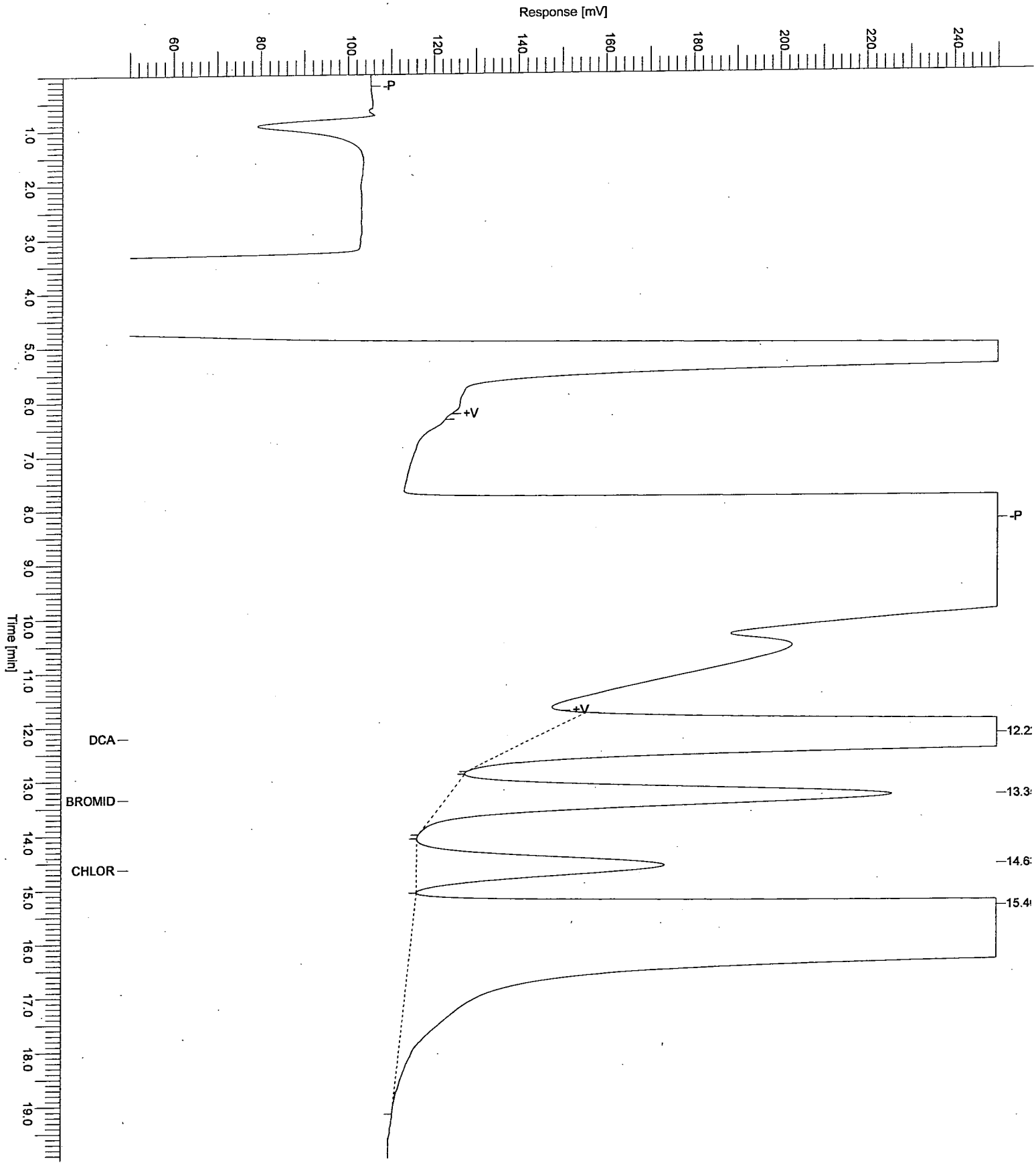
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190032.TX0

Chromatogram

Sample Name : IQK1137-06 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190032.raw
Date : 11/20/2007 6:25:31 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 6:05:15 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 7:16:29 PM
Reprocess Number	: ic: 154080		
Operator	: inorg	Sample Name	: IQK1137-07
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 6:56:14 PM	Cycle	: 33

Raw Data File : H:\DATA\IC7\20071119\200711190033.raw
Result File : H:\DATA\IC7\20071119\200711190033.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190033.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190033.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190033.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.15	8422662.40	0.6894	6.8937	
BROMIDE	13.27	463971.40	22.9690	229.6902	*
CHLORATE	14.56	1458286.20	65.0418	650.4177	*
		1.03e+07	88.7002	887.0016	

* Warning -- uncalibrated levels encountered

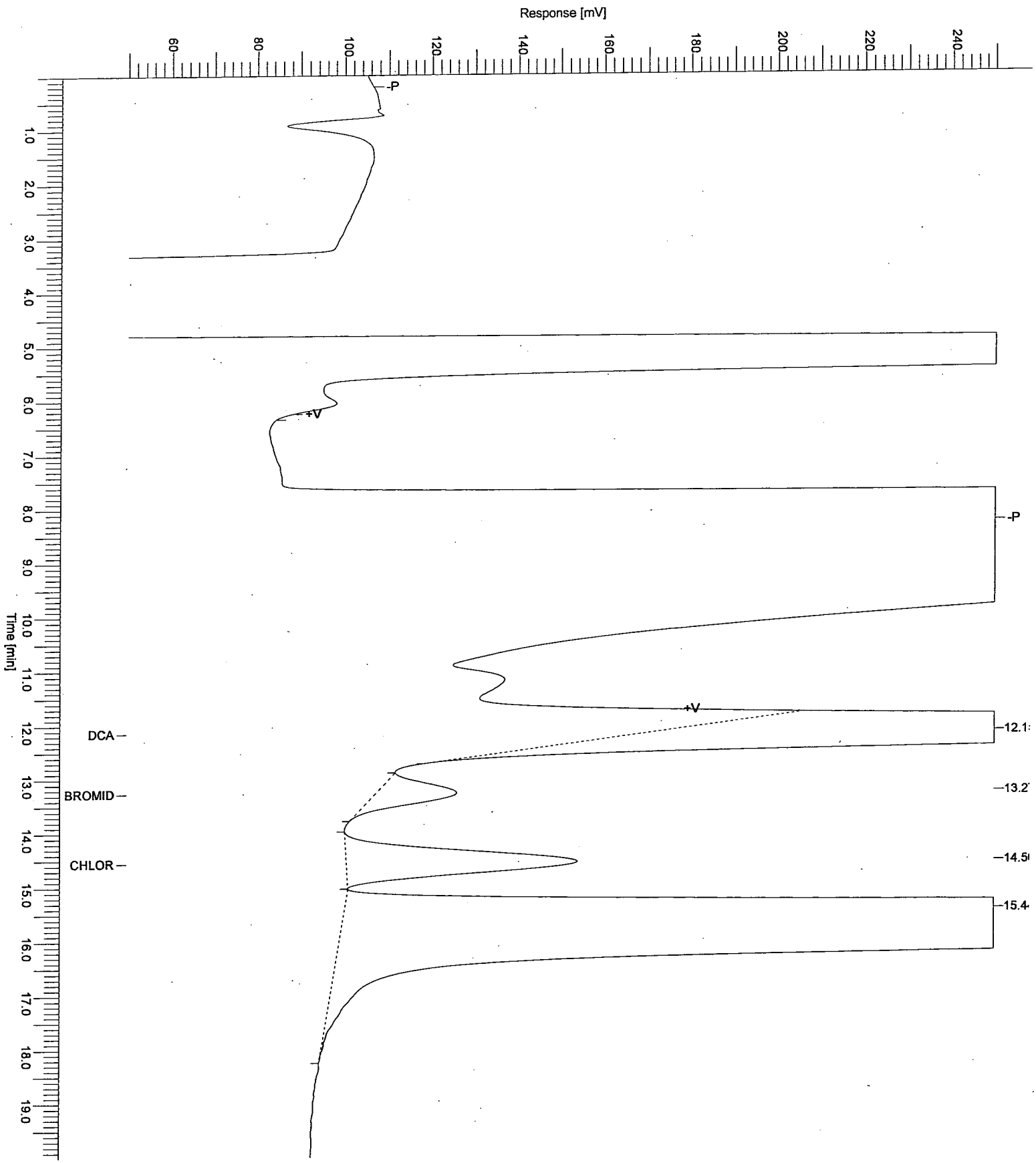
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190033.TX0

Chromatogram

Sample Name : IQK1137-07 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190033.raw
Date : 11/20/2007 7:16:30 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 6:56:14 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 8:07:30 PM
Reprocess Number	: ic: 154090		
Operator	: inorg	Sample Name	: IQK1137-08
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 7:47:12 PM	Cycle	: 34

Raw Data File : H:\DATA\IC7\20071119\200711190034.raw
Result File : H:\DATA\IC7\20071119\200711190034.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190034.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190034.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190034.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.22	1.10e+07	0.8970	8.9697	
BROMIDE	13.37	1185186.40	50.9501	509.5008	*
CHLORATE	14.65	790722.50	36.1104	361.1044	*
		1.29e+07	87.9575	879.5750	

* Warning -- uncalibrated levels encountered

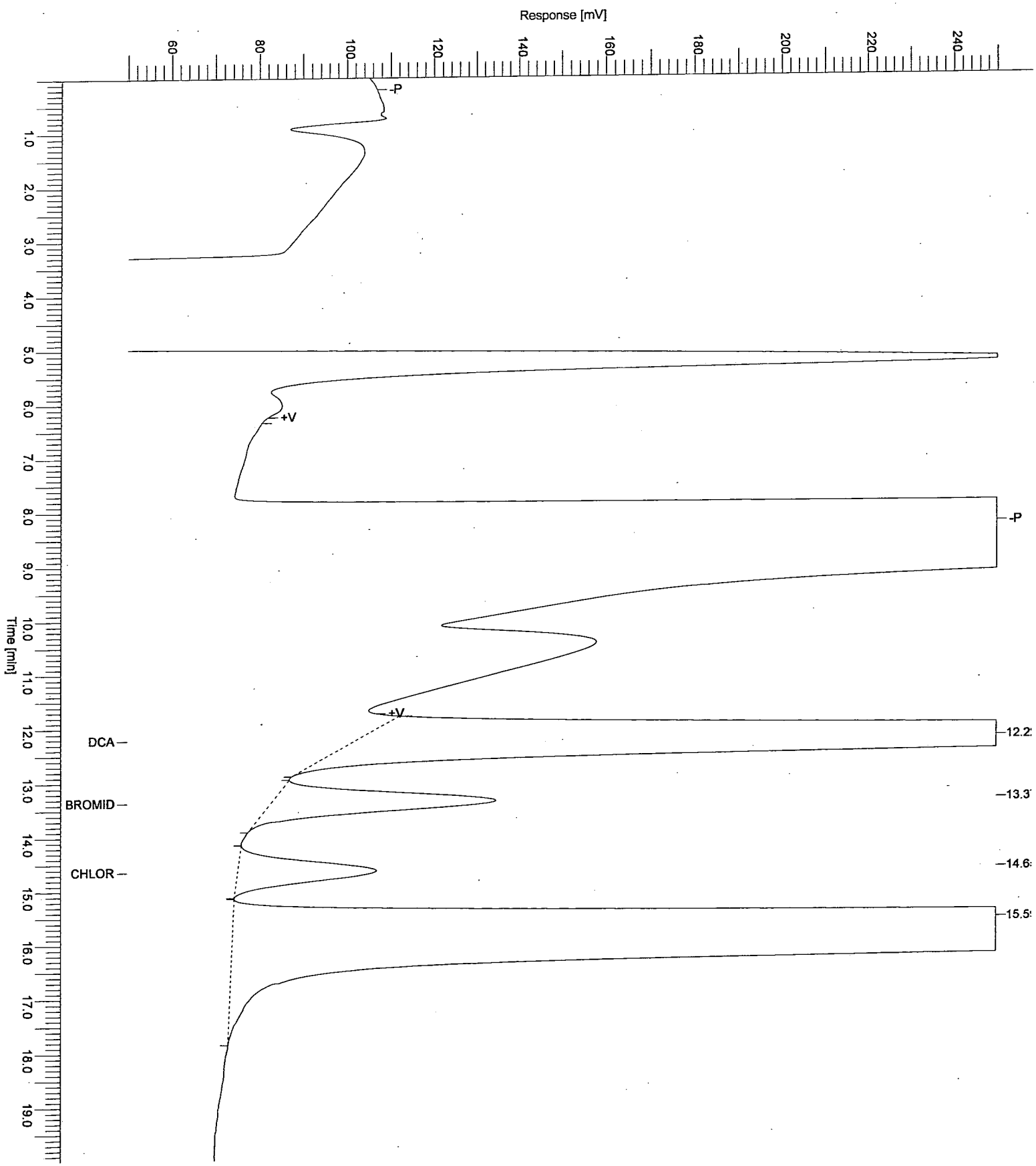
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190034.TX0

Chromatogram

Sample Name : IQK1137-08 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190034.raw
Date : 11/20/2007 8:07:32 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 7:47:12 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 8:58:31 PM
Reprocess Number	: ic: 154101		
Operator	: inorg	Sample Name	: IQK1137-09
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 8:38:11 PM	Cycle	: 35

Raw Data File : H:\DATA\IC7\20071119\200711190035.raw
Result File : H:\DATA\IC7\20071119\200711190035.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190035.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190035.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190035.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.22	1.07e+07	0.8788	8.7879	
BROMIDE	13.35	340434.50	18.1761	181.7615	*
CHLORATE	14.63	5482392.40	239.4412	2394.4120	*
		1.66e+07	258.4961	2584.9614	

* Warning – uncalibrated levels encountered

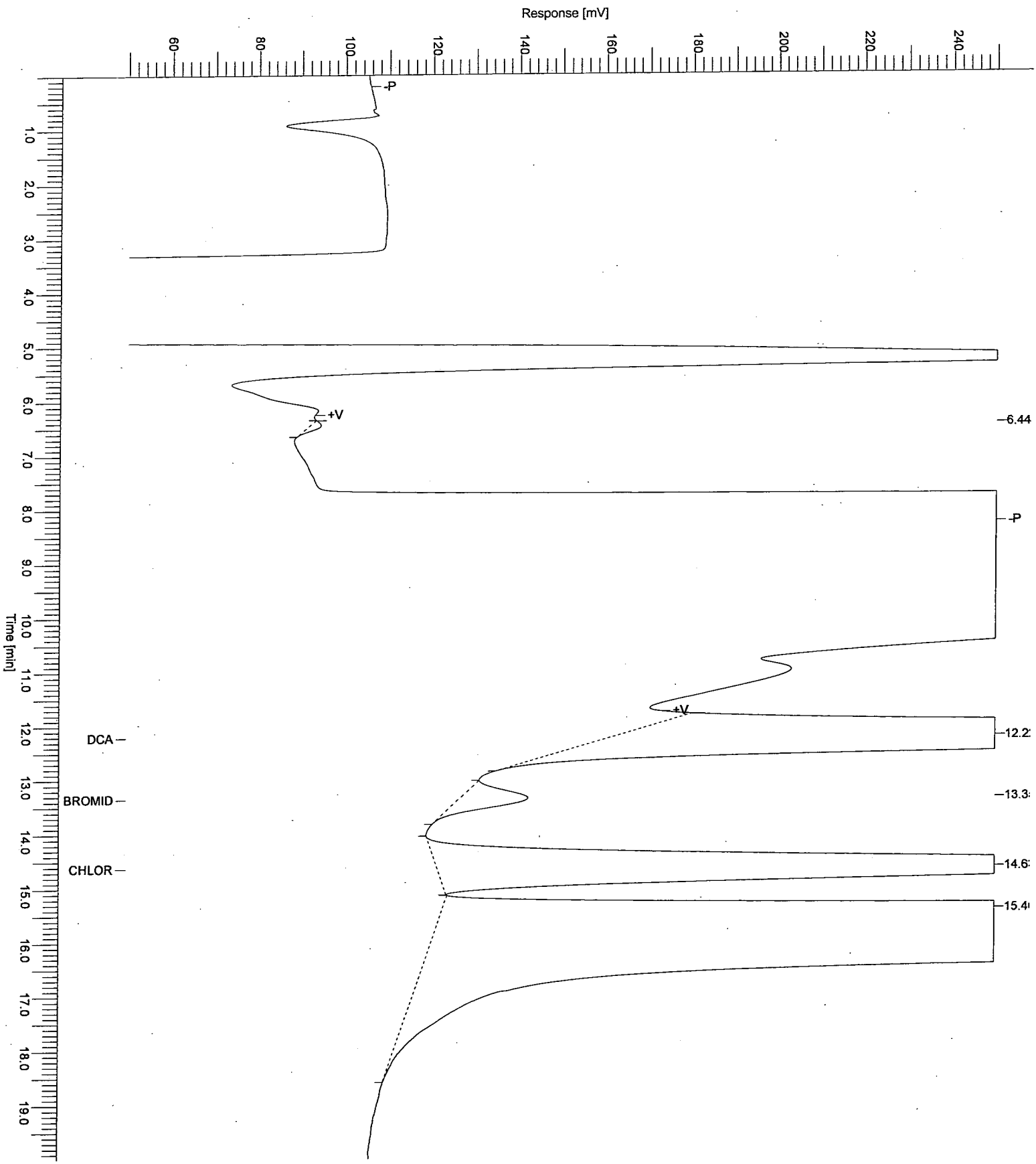
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190035.TX0

Chromatogram

Sample Name : IQK1137-09 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190035.raw
Date : 11/20/2007 8:58:32 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 8:38:11 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/20/2007 9:49:27 PM
Reprocess Number	: ic: 154110		
Operator	: inorg	Sample Name	: IQK1137-10
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/20/2007 9:29:09 PM	Cycle	: 36

Raw Data File : H:\DATA\IC7\20071119\200711190036.raw
Result File : H:\DATA\IC7\20071119\200711190036.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190036.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190036.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190036.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.17	1.02e+07	0.8364	8.3643	
BROMIDE	13.34	1655017.40	69.1782	691.7817	*
CHLORATE	14.60	968478.30	43.8141	438.1414	*
		1.28e+07	113.8287	1138.2874	

* Warning -- uncalibrated levels encountered

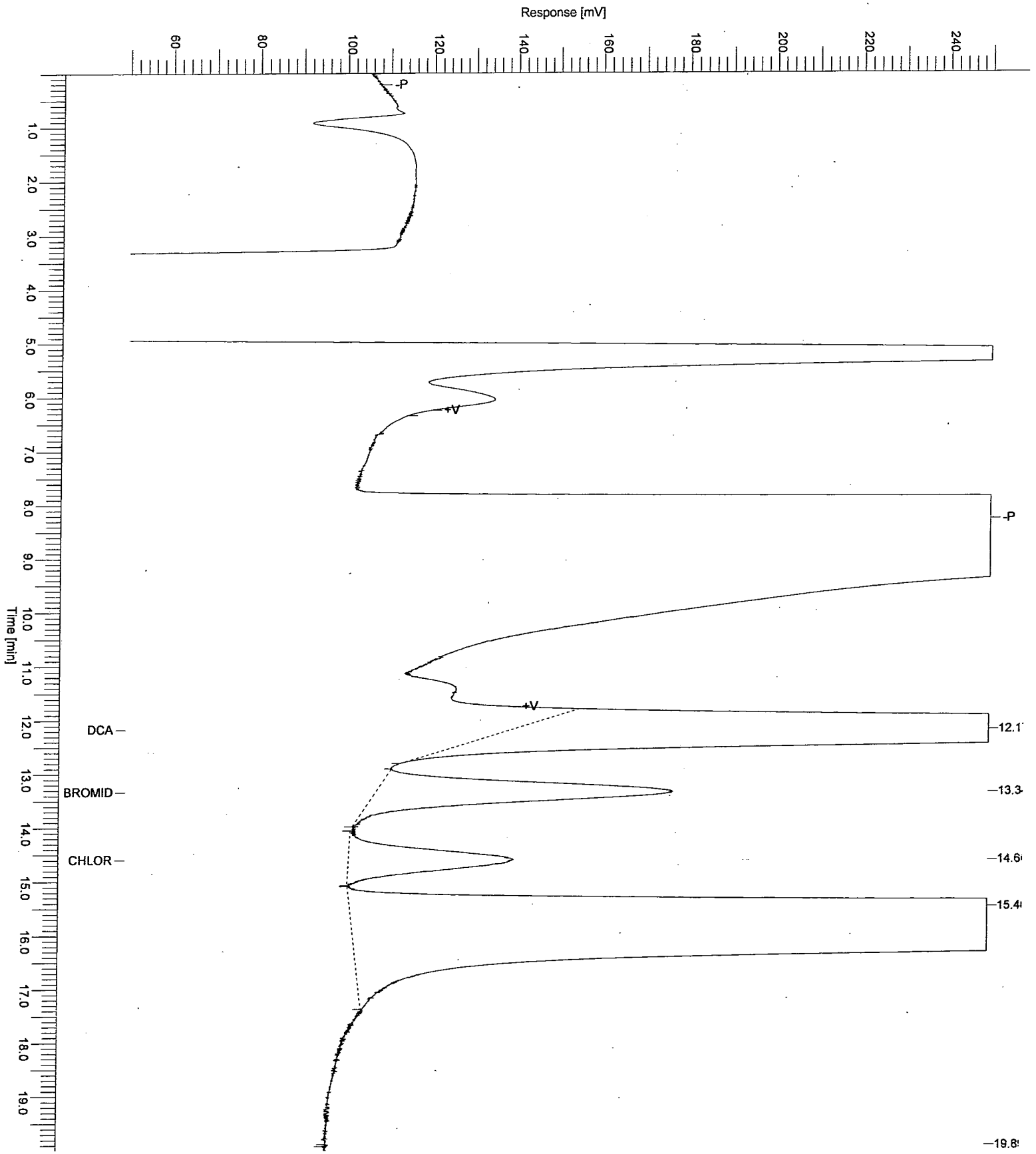
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190036.TX0

Chromatogram

Sample Name : IQK1137-10 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190036.raw
Date : 11/20/2007 9:49:28 PM
Method : ic7qk06a.mth Time of Injection: 11/20/2007 9:29:09 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 12:22:23 AM
Reprocess Number	: ic: 154143		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 12:02:06 AM	Cycle	: 39

Raw Data File : H:\DATA\IC7\20071119\200711190039.raw
Result File : H:\DATA\IC7\20071119\200711190039.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190039.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.69	2532829.70	96.9063	96.9063	*
BROMATE	7.49	311789.60	24.6763	24.6763	*
DCA	12.23	1.25e+07	1.0217	1.0217	
BROMIDE	13.45	6307652.00	249.6870	249.6870	*
CHLORATE	14.73	2207585.80	97.5154	97.5154	*
		2.38e+07	469.8066	469.8066	

* Warning -- uncalibrated levels encountered

Missing Component Report

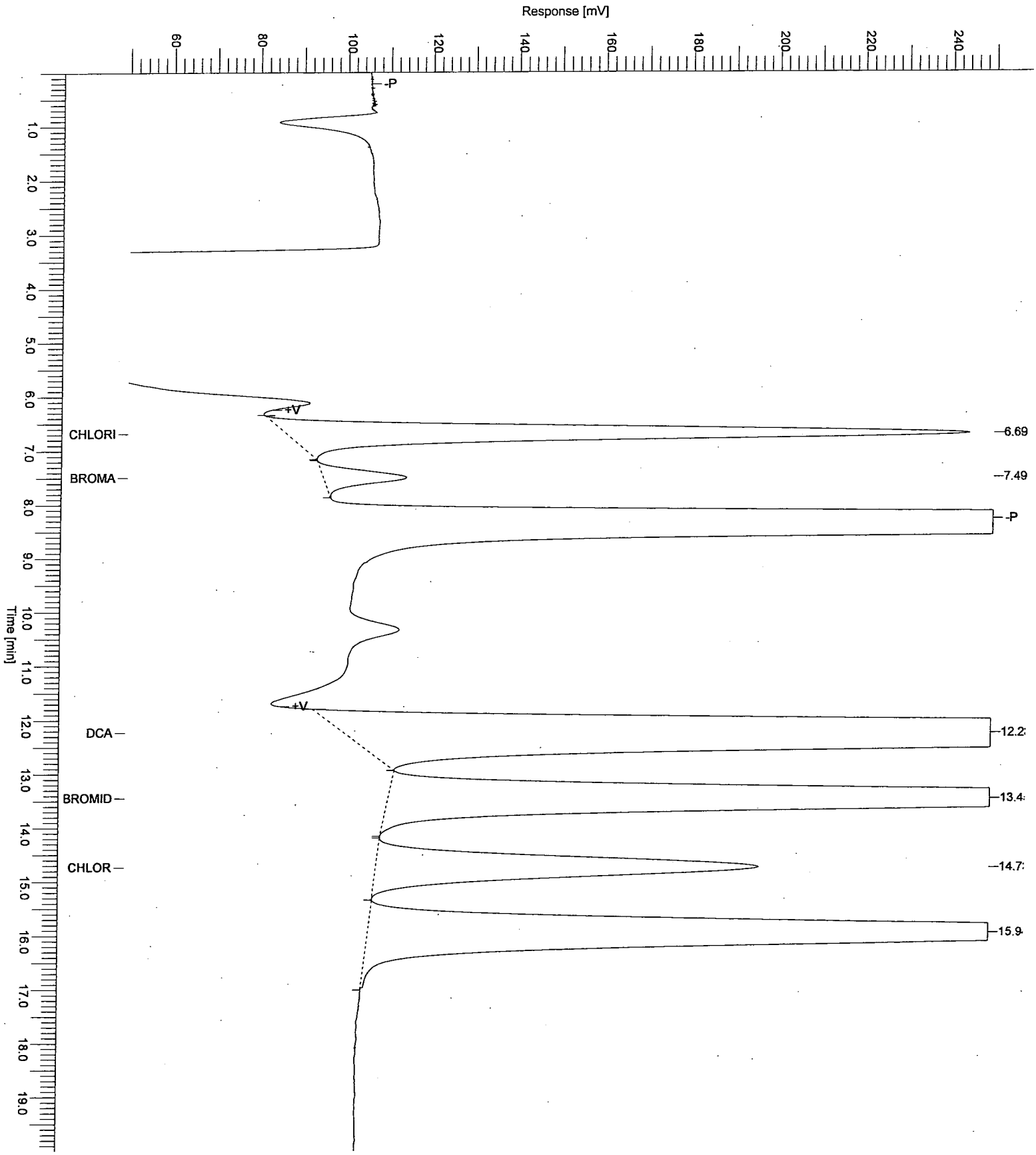
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190039.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190039.raw
Date : 11/21/2007 12:22:24 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 12:02:06 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 1:13:18 AM
Reprocess Number	: ic: 154151		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 12:53:06 AM	Cycle	: 40

Raw Data File : H:\DATA\IC7\20071119\200711190040.raw
Result File : H:\DATA\IC7\20071119\200711190040.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190040.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.23e+07	1.0075	1.0075	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.45	1882.00	1.9231	1.9231	*
		1.23e+07	2.9306	2.9306	

* Warning -- uncalibrated levels encountered

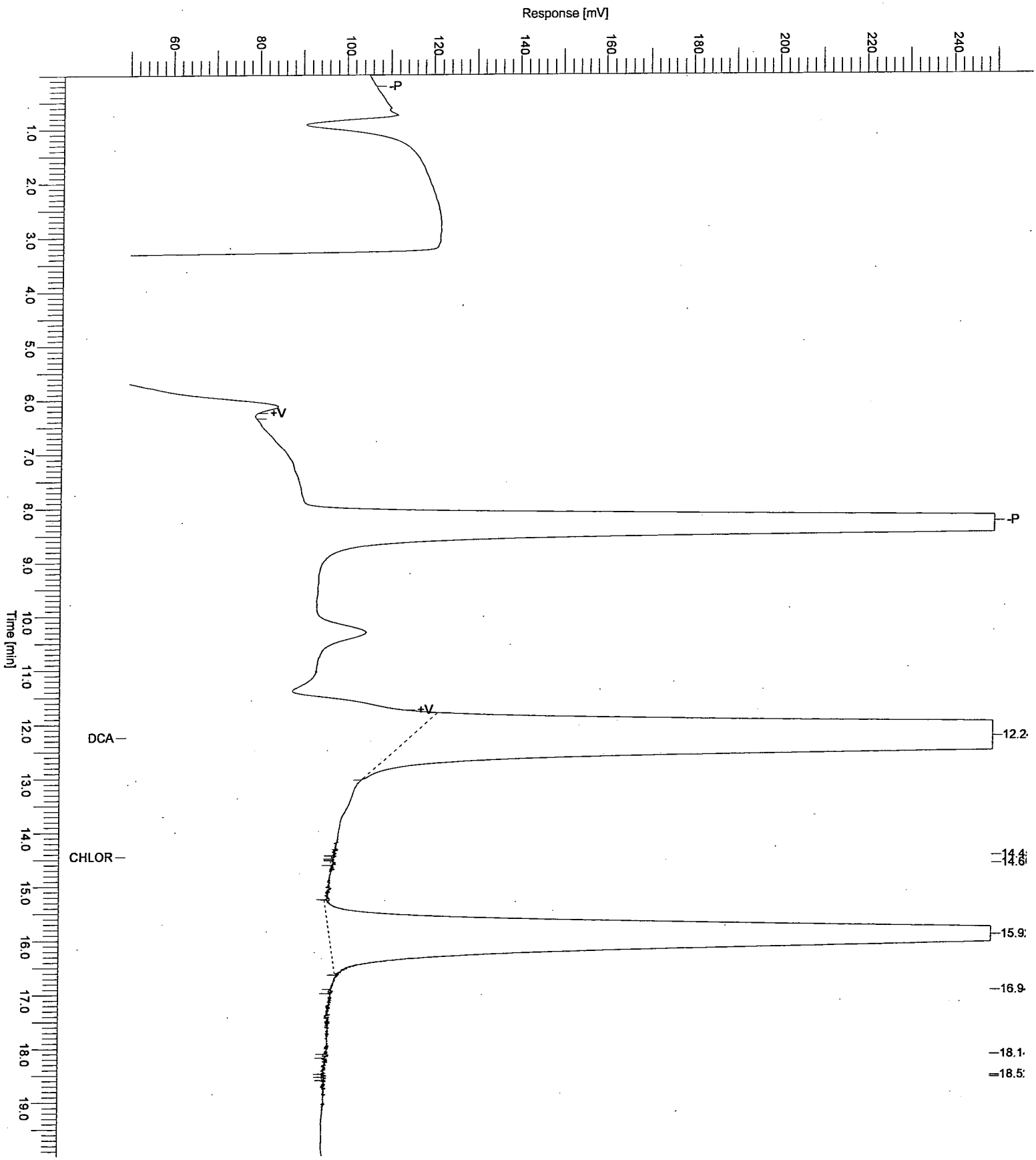
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190040.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190040.raw
Date : 11/21/2007 1:13:19 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 12:53:06 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 10:34:10 AM
Reprocess Number	: ic: 154224		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 10:13:55 AM	Cycle	: 51

Raw Data File : H:\DATA\IC7\20071119\200711190051.raw
Result File : H:\DATA\IC7\20071119\200711190051.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190051.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.67	2538473.80	97.1181	97.1181	*
BROMATE	7.47	312451.00	24.7294	24.7294	*
DCA	12.22	1.20e+07	0.9814	0.9814	
BROMIDE	13.31	6153619.90	243.7109	243.7109	*
CHLORATE	14.60	2186650.90	96.6081	96.6081	*
		2.32e+07	463.1479	463.1479	

* Warning – uncalibrated levels encountered

Missing Component Report

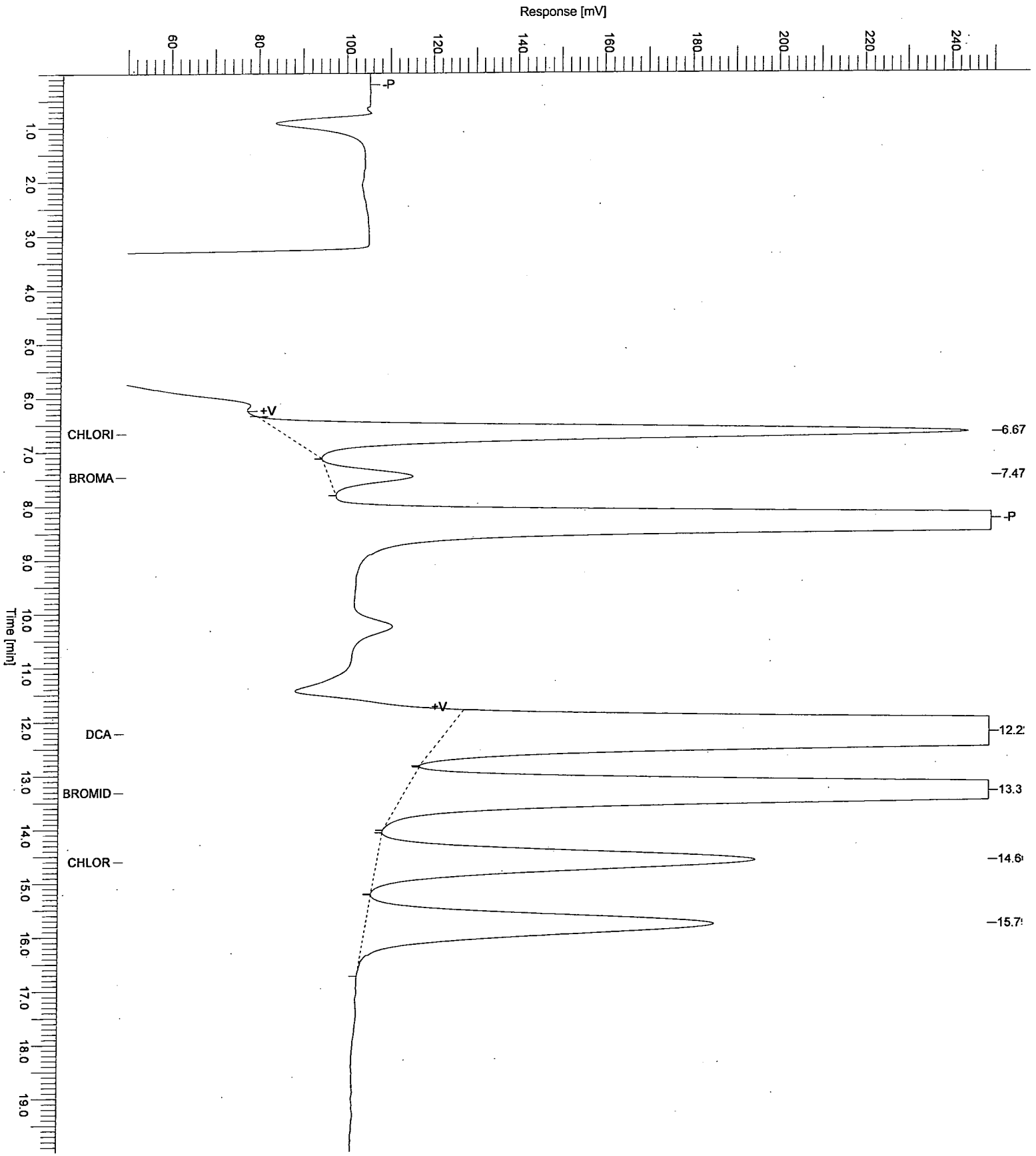
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190051.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190051.raw
Date : 11/21/2007 10:34:11 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 10:13:55 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 11:25:08 AM
Reprocess Number	: ic: 154235		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19102	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 11:04:54 AM	Cycle	: 52

Raw Data File : H:\DATA\IC7\20071119\200711190052.raw
Result File : H:\DATA\IC7\20071119\200711190052.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190052.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.24	1.22e+07	0.9987	0.9987	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.22e+07	0.9987	0.9987	

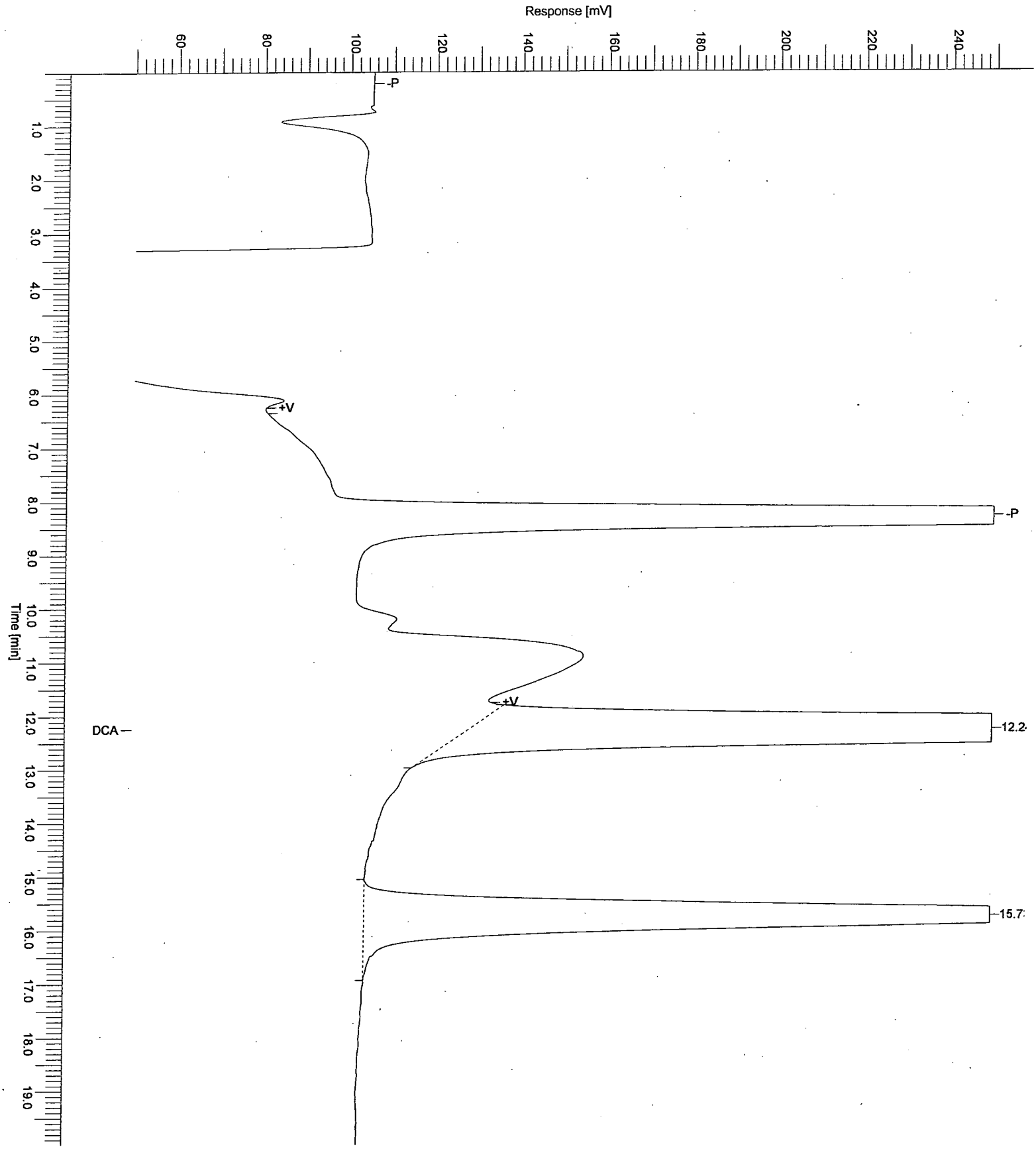
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190052.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19102 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190052.raw
Date : 11/21/2007 11:25:09 AM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 11:04:54 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 1:07:08 PM
Reprocess Number	: ic: 154253		
Operator	: inorg	Sample Name	: IQK1137-03
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 11/21/2007 12:46:49 PM	Cycle	: 54

Raw Data File : H:\DATA\IC7\20071119\200711190054.raw
Result File : H:\DATA\IC7\20071119\200711190054.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190054.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190054.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190054.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.15	1.10e+07	0.9043	90.4332	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.46	53176.20	4.1462	414.6163	*
		1.11e+07	5.0505	505.0495	

* Warning -- uncalibrated levels encountered

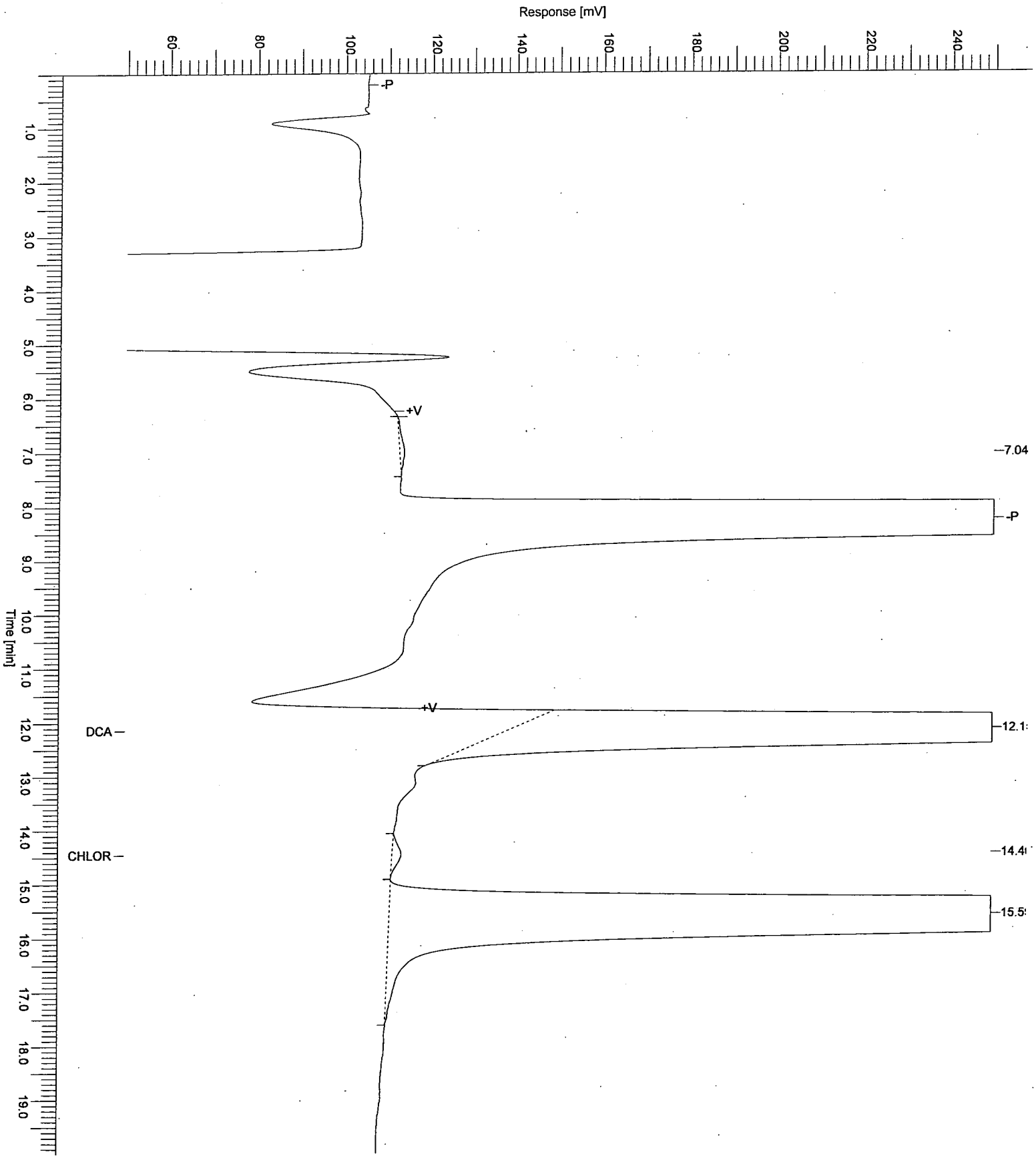
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190054.TX0

Chromatogram

Sample Name : IQK1137-03 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190054.raw
Date : 11/21/2007 1:07:09 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 12:46:49 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 1:58:02 PM
Reprocess Number	: ic: 154261		
Operator	: inorg	Sample Name	: IQK1137-11
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 20.00
Data Acquisition Time	: 11/21/2007 1:37:47 PM	Cycle	: 55

Raw Data File : H:\DATA\IC7\20071119\200711190055.raw
Result File : H:\DATA\IC7\20071119\200711190055.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190055.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190055.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190055.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.17	1.18e+07	0.9690	193.8070	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.49	244156.40	12.4230	2484.5984	*
		1.21e+07	13.3920	2678.4054	

* Warning -- uncalibrated levels encountered

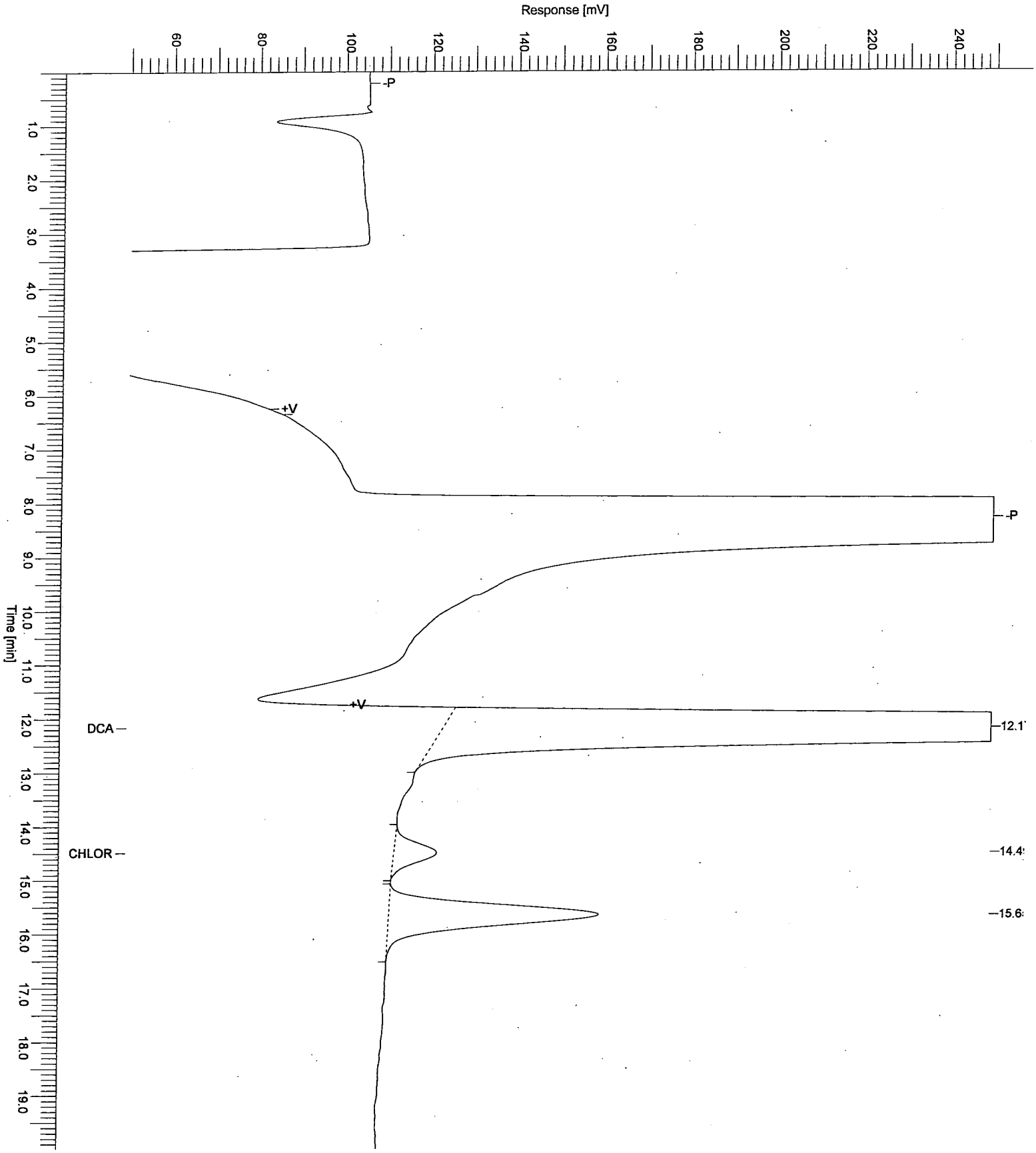
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190055.TX0

Chromatogram

Sample Name : IQK1137-11 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190055.raw
Date : 11/21/2007 1:58:03 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 1:37:47 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 8:45:57 PM
Reprocess Number	: ic: 154344		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 8:25:41 PM	Cycle	: 63

Raw Data File : H:\DATA\IC7\20071119\200711190063.raw
Result File : H:\DATA\IC7\20071119\200711190063.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190063.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.66	2459079.00	94.1394	941.3936	*
BROMATE	7.46	312842.20	24.7608	247.6075	*
DCA	12.23	1.22e+07	0.9996	9.9964	
BROMIDE	13.33	6226747.80	246.5481	2465.4810	*
CHLORATE	14.61	2199317.80	97.1571	971.5710	*
		2.34e+07	463.6050	4636.0495	

* Warning – uncalibrated levels encountered

Missing Component Report

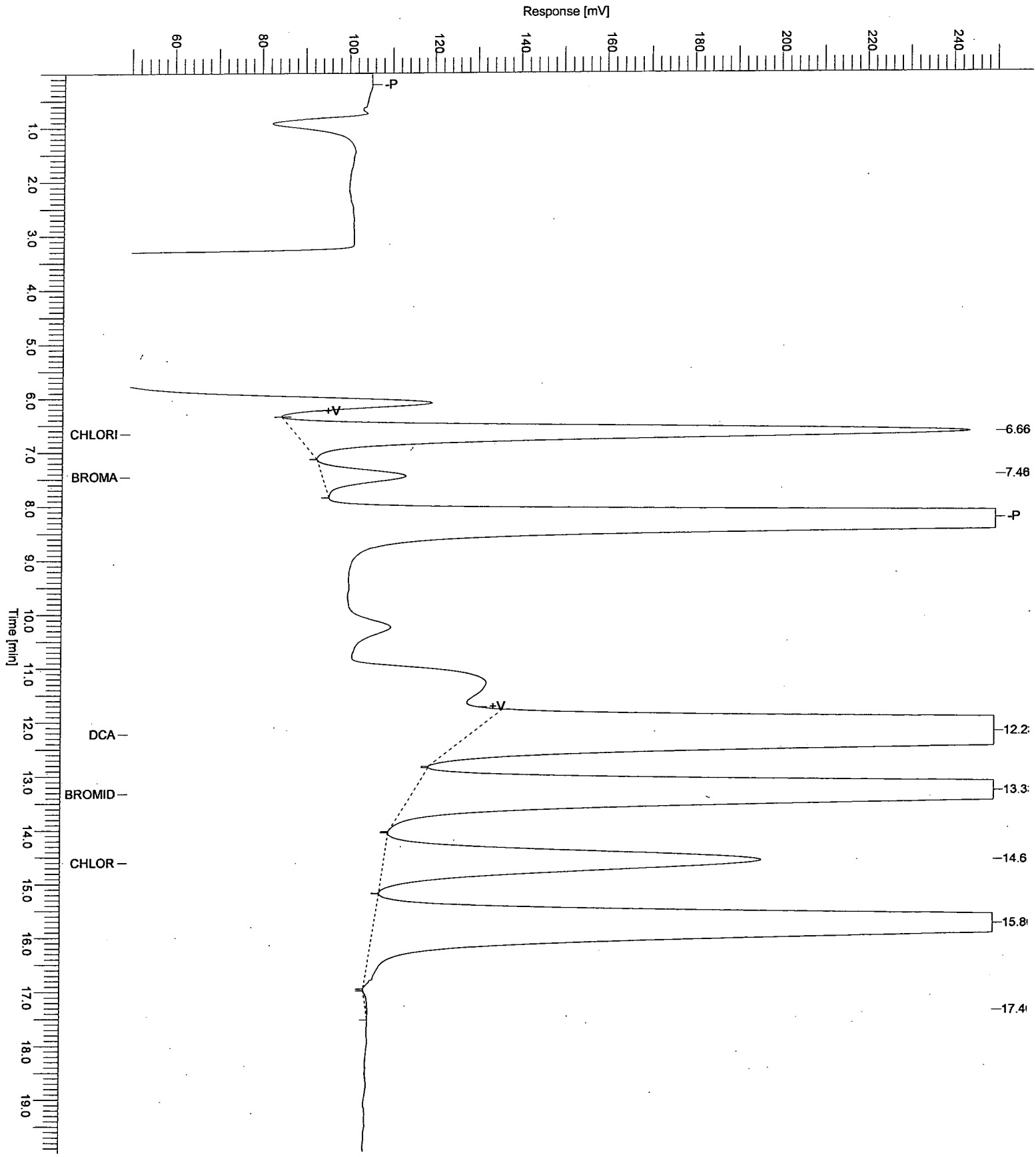
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190063.TX0

Chromatogram

Sample Name : CCV Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190063.raw
Date : 11/21/2007 8:45:58 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 8:25:41 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 9:36:55 PM
Reprocess Number	: ic: 154356		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/21/2007 9:16:36 PM	Cycle	: 64

Raw Data File : H:\DATA\IC7\20071119\200711190064.raw
Result File : H:\DATA\IC7\20071119\200711190064.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071119\200711190064.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071119\20071119.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.12	1.12e+07	0.9169	9.1687	
BROMIDE	13.57	7885.60	5.2742	52.7421	*
CHLORATE	14.18	5621.00	2.0852	20.8518	*
		1.12e+07	8.2763	82.7626	

* Warning -- uncalibrated levels encountered

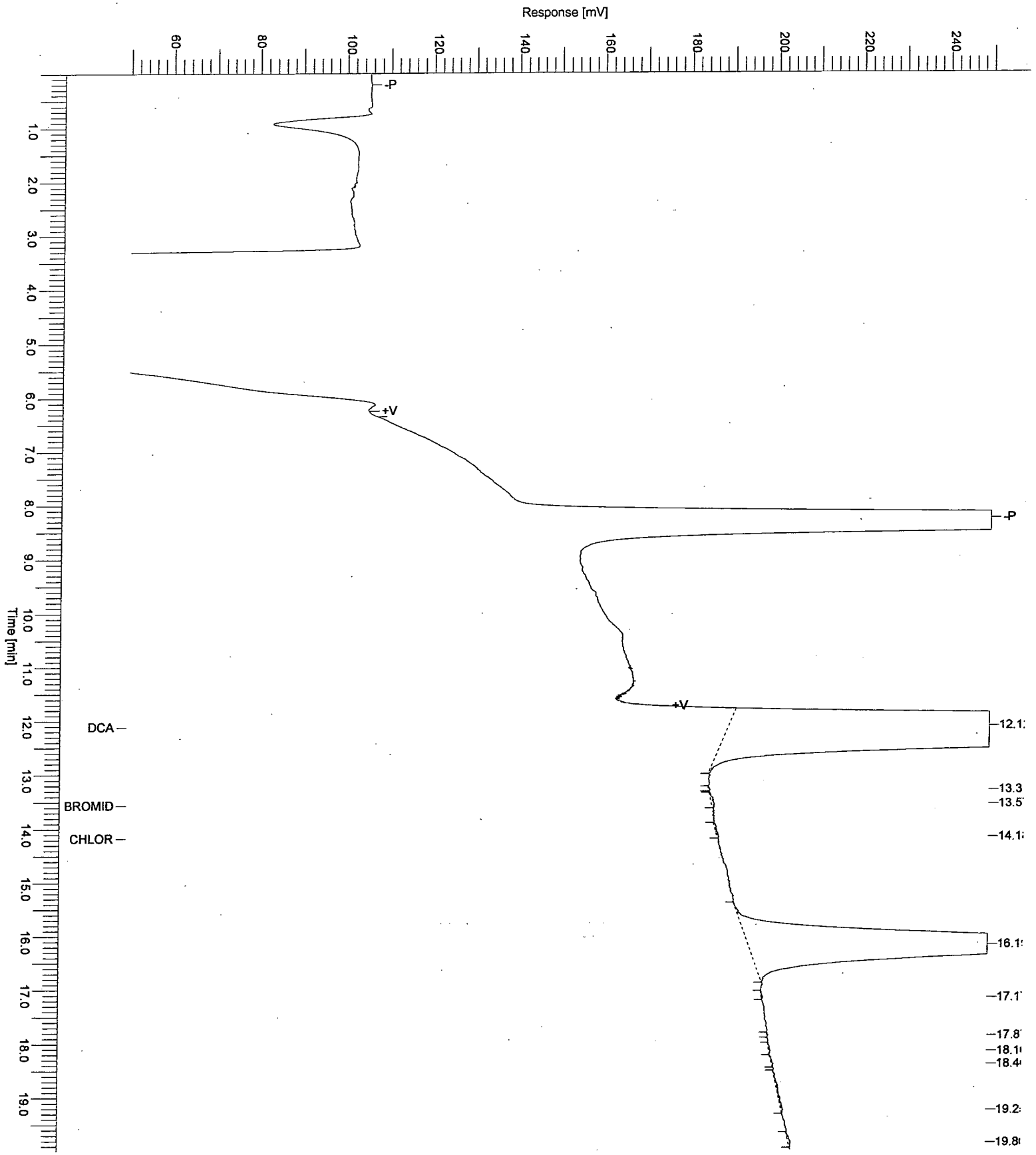
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071119\200711190064.TX0

Chromatogram

Sample Name : CCB Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071119\200711190064.raw
Date : 11/21/2007 9:36:56 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 9:16:36 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



TotalChrom Sequence File H:\DATA\IC7\20071121\20071121.seq
Printed by : inorg on: 11/27/2007 10:44:51 AM
Created by : inorg on: 11/21/2007 6:46:34 PM
Edited by : inorg on: 11/27/2007 10:44:48 AM
Number of Times Edited : 3
Description:

Sequence File Header Information:
Number of Rows : 97
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	LOW LEVEL	7K21124	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	7K21124-BS1	7K21124	7110129	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	7K21124-BLK1	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	IQK1480-03	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
5	Sample	IQK1480-06	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
6	Sample	IQK1480-07	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
7	Sample	7K19101-MS2	7K19101	IQK1480-07	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
8	Sample	7K19101-MSD2	7K19101	IQK1480-07	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
9	Sample	IQK1480-08	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
10	Sample	IQK1480-09	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
11	Sample	IQK1480-01	7K19101		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
12	Sample	IQK1480-10	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
~~13~~	~~Sample~~	~~IQK1480-11~~	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
14	Sample	CCV	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
15	Sample	CCB	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
16	Sample	IQK1480-12	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
17	Sample	IQK1509-01	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
18	Sample	7K21124-MS1	7K21124	IQK1509-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
19	Sample	7K21124-MSD1	7K21124	IQK1509-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
~~20~~	~~Sample~~	~~IQK1509-02~~	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
21	Sample	IQK1509-03	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
22	Sample	IQK1509-04	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
23	Sample	IQK1509-05	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
24	Sample	IQK1509-06	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
25	Sample	IQK1512-01	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
26	Sample	CCV	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
27	Sample	CCB	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	7K21124-MS2	7K21124	IQK1512-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
29	Sample	7K21124-MSD2	7K21124	IQK1512-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
30	Sample	IQK1512-02	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
31	Sample	IQK1512-03	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
32	Sample	IQK1512-04	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
33	Sample	IQK1512-05	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
34	Sample	IQK1512-06	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
35	Sample	IQK1512-07	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
36	Sample	IQK1514-01	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
37	Sample	IQK1514-02	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
38	Sample	CCV	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
39	Sample	CCB	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	IQK1514-03	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
41	Sample	IQK1514-04	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
42	Sample	LOW LEVEL	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
43	Sample	7K21125-BS1	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
44	Sample	7K21125-BLK1	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
45	Sample	IQK1514-05	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
46	Sample	IQK1514-06	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
47	Sample	IQK1514-07	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
48	Sample	IQK1514-08	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
49	Sample	IQK1514-09	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
50	Sample	CCV	7K21125		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample	CCB	7K21125		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample	7K21125-MS1	7K21125	IQK1514-09	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
53	Sample	7K21125-MSD1	7K21125	IQK1514-09	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
54	Sample	IQK1514-10	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
~~55~~	~~Sample~~	~~IQK1726-01~~	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
56	Sample	IQK1726-02	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
57	Sample	IQK1726-03	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
58	Sample	IQK1726-04	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
59	Sample	IQK1726-05	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
60	Sample	IQK1726-06	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
61	Sample	IQK1726-07	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
62	Sample	CCV	7K21125		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

11/27/2007 10:44:51 AM Sequence: H:\DATA\IC7\20071121\20071121.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
63	Sample	CCB	7K21125		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
64	Sample	IQK1728-01	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
65	Sample	7K21125-MS2	7K21125	IQK1728-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
66	Sample	7K21125-MSD2	7K21125	IQK1728-01	1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
67	Sample	IQK1728-02	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
68	Sample	IQK1728-03	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
69	Sample	IQK1728-04	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
70	Sample	IQK1728-05	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
71	Sample	IQK1728-06	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
72	Sample	IQK1728-07	7K21125		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
73	Sample	IQK1480-11	7K21124		1.000000	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
74	Sample	CCV	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
75	Sample	CCB	7K21124		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
76	Sample	IQK1509-02	7K21124		1.000000	1.000000	1.000	5.000000	10.000000	1.000000	0.000000	100.000
77	Sample	LOW LEVEL	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
78	Sample	7K22041-BS1	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
79	Sample	7K22041-BLK1	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
80	Sample	IQK1541-13	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
81	Sample	IQK1541-14	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
82	Sample	IQK1709-01	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
83	Sample	IQK1709-02	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
84	Sample	IQK1709-05	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
85	Sample	IQK1709-06	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
86	Sample	CCV	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
87	Sample	CCB	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
88	Sample	IQK1709-07	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
89	Sample	IQK1709-08	7K22041		1.000000	1.000000	1.000	10.000000	1.000000	1.000000	0.000000	100.000
90	Sample	IQK1790-01	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
91	Sample	IQK1790-02	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
92	Sample	7K22041-MS1	7K22041	IQK1790-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
93	Sample	7K22041-MSD1	7K22041	IQK1790-02	1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~94~~	~~Sample~~	~~CCV~~	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~95~~	~~Sample~~	~~CCB~~	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
96	Sample	CCV	7K22041		1.000000	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
97	Sample	CCB	7K22041		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\20071121\200711210001		H:\DATA<Chan>	-	-	-	Default	Default
2	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210002		H:\DATA<Chan>	-	-	-	Default	Default
3	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210003		H:\DATA<Chan>	-	-	-	Default	Default
4	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210004		H:\DATA<Chan>	-	-	-	Default	Default
5	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210005		H:\DATA<Chan>	-	-	-	Default	Default
6	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210006		H:\DATA<Chan>	-	-	-	Default	Default
7	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210007		H:\DATA<Chan>	-	-	-	Default	Default
8	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210008		H:\DATA<Chan>	-	-	-	Default	Default
9	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210009		H:\DATA<Chan>	-	-	-	Default	Default
10	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210010		H:\DATA<Chan>	-	-	-	Default	Default
11	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210011		H:\DATA<Chan>	-	-	-	Default	Default
12	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210012		H:\DATA<Chan>	-	-	-	Default	Default
13	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210013		H:\DATA<Chan>	-	-	-	Default	Default
14	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210014		H:\DATA<Chan>	-	-	-	Default	Default
15	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210015		H:\DATA<Chan>	-	-	-	Default	Default
16	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210016		H:\DATA<Chan>	-	-	-	Default	Default
17	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210017		H:\DATA<Chan>	-	-	-	Default	Default
18	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210018		H:\DATA<Chan>	-	-	-	Default	Default
19	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210019		H:\DATA<Chan>	-	-	-	Default	Default
20	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210020		H:\DATA<Chan>	-	-	-	Default	Default
21	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210021		H:\DATA<Chan>	-	-	-	Default	Default
22	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210022		H:\DATA<Chan>	-	-	-	Default	Default
23	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210023		H:\DATA<Chan>	-	-	-	Default	Default
24	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210024		H:\DATA<Chan>	-	-	-	Default	Default
25	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210025		H:\DATA<Chan>	-	-	-	Default	Default
26	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210026		H:\DATA<Chan>	-	-	-	Default	Default
27	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210027		H:\DATA<Chan>	-	-	-	Default	Default
28	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210028		H:\DATA<Chan>	-	-	-	Default	Default
29	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210029		H:\DATA<Chan>	-	-	-	Default	Default
30	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210030		H:\DATA<Chan>	-	-	-	Default	Default
31	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210031		H:\DATA<Chan>	-	-	-	Default	Default
32	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210032		H:\DATA<Chan>	-	-	-	Default	Default
33	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210033		H:\DATA<Chan>	-	-	-	Default	Default
34	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210034		H:\DATA<Chan>	-	-	-	Default	Default
35	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210035		H:\DATA<Chan>	-	-	-	Default	Default
36	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210036		H:\DATA<Chan>	-	-	-	Default	Default
37	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210037		H:\DATA<Chan>	-	-	-	Default	Default
38	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210038		H:\DATA<Chan>	-	-	-	Default	Default
39	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210039		H:\DATA<Chan>	-	-	-	Default	Default
40	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210040		H:\DATA<Chan>	-	-	-	Default	Default
41	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210041		H:\DATA<Chan>	-	-	-	Default	Default
42	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210042		H:\DATA<Chan>	-	-	-	Default	Default
43	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210043		H:\DATA<Chan>	-	-	-	Default	Default
44	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210044		H:\DATA<Chan>	-	-	-	Default	Default
45	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210045		H:\DATA<Chan>	-	-	-	Default	Default
46	1	h:\data\ic7\ic7qk06a	h:\data\ic7\test	H:\DATA\IC7\20071121\200711210046		H:\DATA<Chan>	-	-	-	Default	Default

DAILY DATA CHECKLIST

EPA 300.1 – Inorganic Anions (Part B) by IC

Analyst:	KS	2nd Level Review:	
Analysis Date:	11/21/07	Date:	12/3/7
IC #:	7	Original Calibration date:	11/6/07
Method used:	300.1	Original Calibration file #:	IC7a1106a
QC Batches:	7K21124, 7K21125, 7K22041		

Analyst Rev	2nd Level Rev	
✓	✓	New sequence file created for each day of analysis
✓	✓	Daily IPC: %REC of target analytes : 85 - 115
✓	✓	Peak Gaussian Factor of Surrogate : 0.8 to 1.15
✓	✓	Surrogate Ret. Time : +/- 2% (of expected value from calibration)
✓	✓	
✓		RL (Low Cal Std) Check : 75 - 125 % recovery
✓	✓	ICB/CCB: After ICV/CCB and Not Detected
✓	✓	-CCV: Every 10 samples and at end of run.
✓	✓	%R = 85 - 115
✓	✓	Ret. Time of ALL peaks : < +/- 5% (of expected value from IPC)
✓	✓	MB: Every batch of 20 samples or less and Not Detected
✓	✓	< MDL unless sample conc. > 1.5 x RL and j-flagging not required
✓	✓	LCS: Every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	MS/MSD: every batch of 20 samples or less. %REC = 75 – 125 (or in-house limits)
✓	✓	RPD: <20% (or in-house limits)
✓	✓	Surrogate: 1 ppm (1000 ppb) DCA in ALL samples
✓	✓	%REC = 90 – 115 (or properly qualified)
✓	✓	All samples checked for dilution factor, retention time drift, peak shape, integration, linear range, proper bracketing between compliant CCV/CCB and transcription errors.

Comments: Cycles 75 + 76 are missing

Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 10:45:09 PM
Reprocess Number	: ic: 154371		
Operator	: inorg	Sample Name	: LOW LEVEL
Sample Number	: 7K21124	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	: 11/21/2007 10:24:52 PM	Cycle	: 1

Raw Data File : H:\DATA\IC7\20071121\200711210001.raw
Result File : H:\DATA\IC7\20071121\200711210001.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210001.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210001.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210001.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.69	459613.80	19.1235	19.1235	*
BROMATE	7.52	64958.60	4.8658	4.8658	*
DCA	12.19	1.21e+07	0.9880	0.9880	
BROMIDE	13.49	1202657.00	51.6279	51.6279	*
CHLORATE	14.76	457481.20	21.6682	21.6682	*
		1.43e+07	98.2734	98.2734	

* Warning -- uncalibrated levels encountered

Missing Component Report

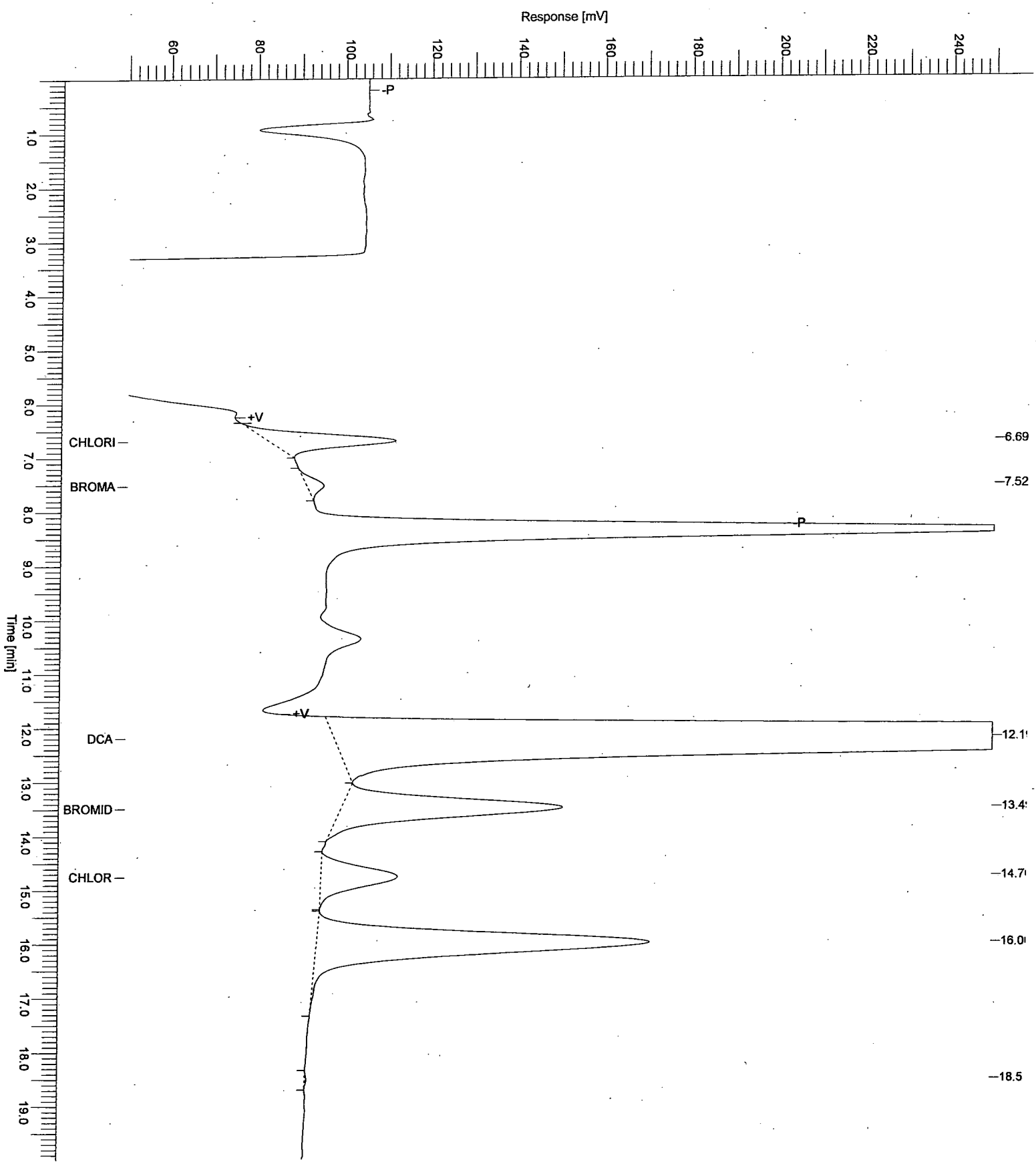
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210001.TX0

Chromatogram

Sample Name : LOW LEVEL Sample #: 7K21124 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210001.raw
Date : 11/21/2007 10:45:11 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 10:24:52 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/21/2007 11:36:03 PM
Reprocess Number	: ic: 154380		
Operator	: inorg	Sample Name	: 7K21124-BS1
Sample Number	: 7K21124	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	: 11/21/2007 11:15:50 PM	Cycle	: 2

Raw Data File : H:\DATA\IC7\20071121\200711210002.raw
Result File : H:\DATA\IC7\20071121\200711210002.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210002.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210002.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210002.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.68	2463459.80	94.3037	94.3037	*
BROMATE	7.48	314307.00	24.8783	24.8783	*
DCA	12.21	1.25e+07	1.0235	1.0235	
BROMIDE	13.41	6259905.80	247.8345	247.8345	*
CHLORATE	14.69	2220951.60	98.0947	98.0947	*
		2.38e+07	466.1347	466.1347	

* Warning – uncalibrated levels encountered

Missing Component Report

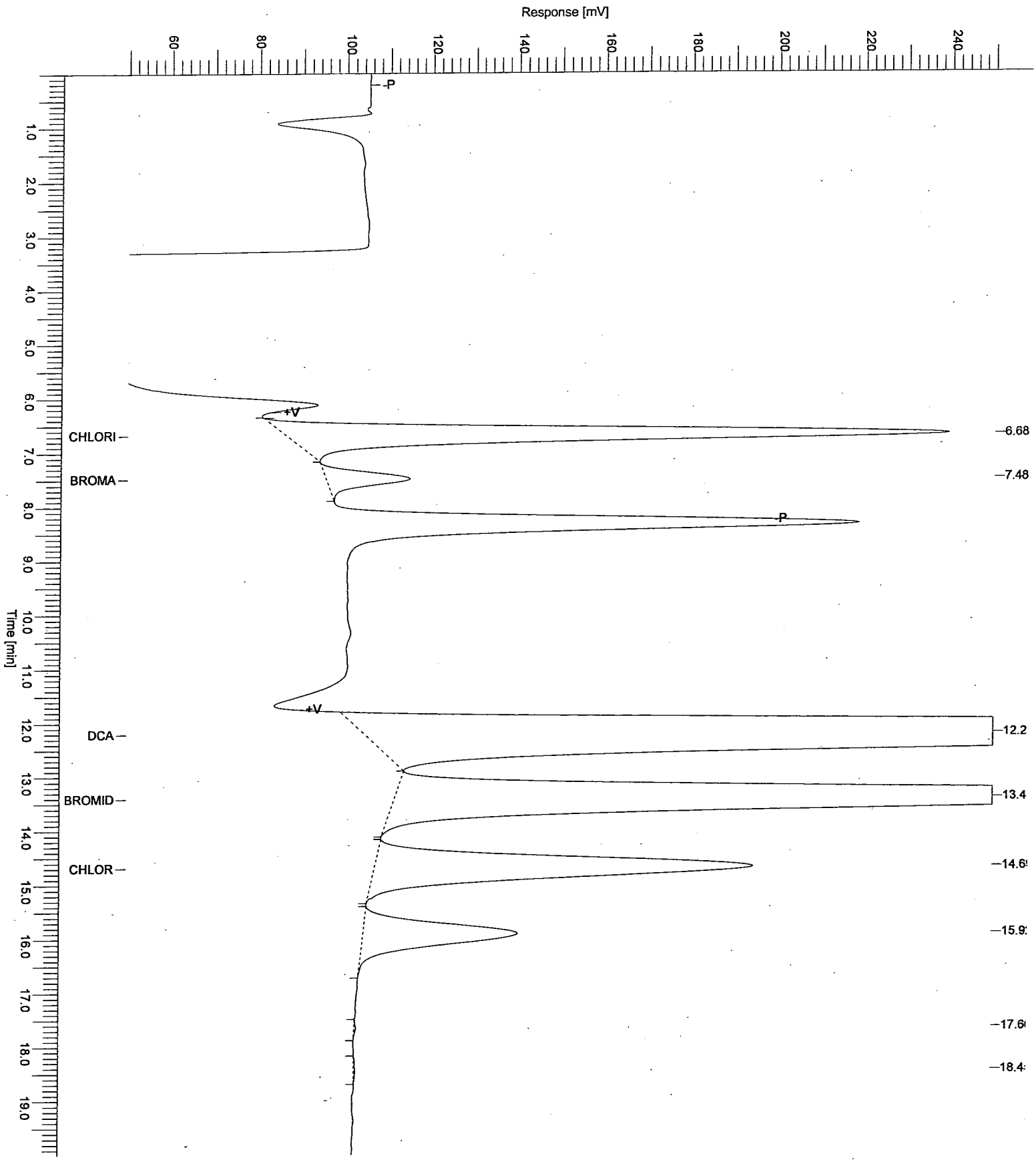
Component	Expected Retention (Calibration File)

All components were found

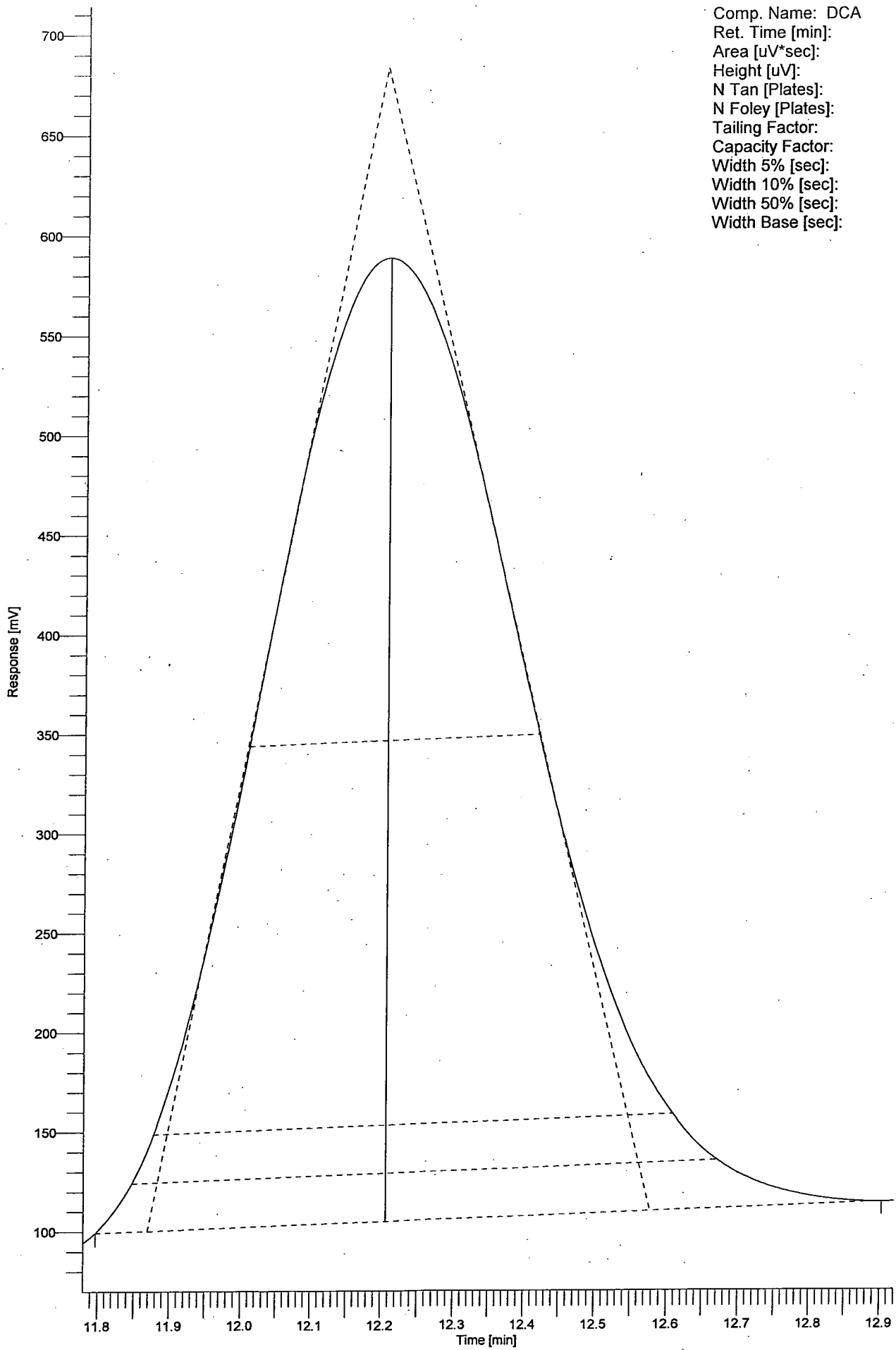
Report stored in ASCII file: H:\DATA\IC7\20071121\200711210002.TX0

Chromatogram

Sample Name : 7K21124-BS1 Sample #: 7K21124 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210002.raw
Date : 11/21/2007 11:36:04 PM
Method : ic7qk06a.mth Time of Injection: 11/21/2007 11:15:50 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Filename: H:\DATA\IC7\20071121\200711210002.rst
Sample: 7K21124-BS1
Instrument: ICDNX7 Operator: inorg Date: 11/27/2007 11:00:50 AM



Comp. Name:	DCA
Ret. Time [min]:	12.21
Area [uV*sec]:	12504639.70
Height [uV]:	483708.22
N Tan [Plates]:	4748.62
N Foley [Plates]:	4705.43
Tailing Factor:	1.11
Capacity Factor:	N/A
Width 5% [sec]:	49.49
Width 10% [sec]:	43.87
Width 50% [sec]:	24.59
Width Base [sec]:	42.51

********** PGF Report **********

File Name	Sample Name	Time [min.]	Delta RT %	PGF 0.80-1.15	DCA Area [µV·s]	Height [µV]	Area/Height [s]
200711210002.rst	7K21124-BS1	12.21	-1.5951	1.0257	12504639.70	483708.22	25.8516

Software Version	: 6.2.1.0.106:0106	Date	: 11/22/2007 12:27:08 AM
Reprocess Number	: ic: 154388		
Operator	: inorg	Sample Name	: 7K21124-BLK1
Sample Number	: 7K21124	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	: 11/22/2007 12:06:50 AM	Cycle	: 3

Raw Data File : H:\DATA\IC7\20071121\200711210003.raw
Result File : H:\DATA\IC7\20071121\200711210003.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210003.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210003.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210003.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.22	1.33e+07	1.0921	1.0921	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.33e+07	1.0921	1.0921	

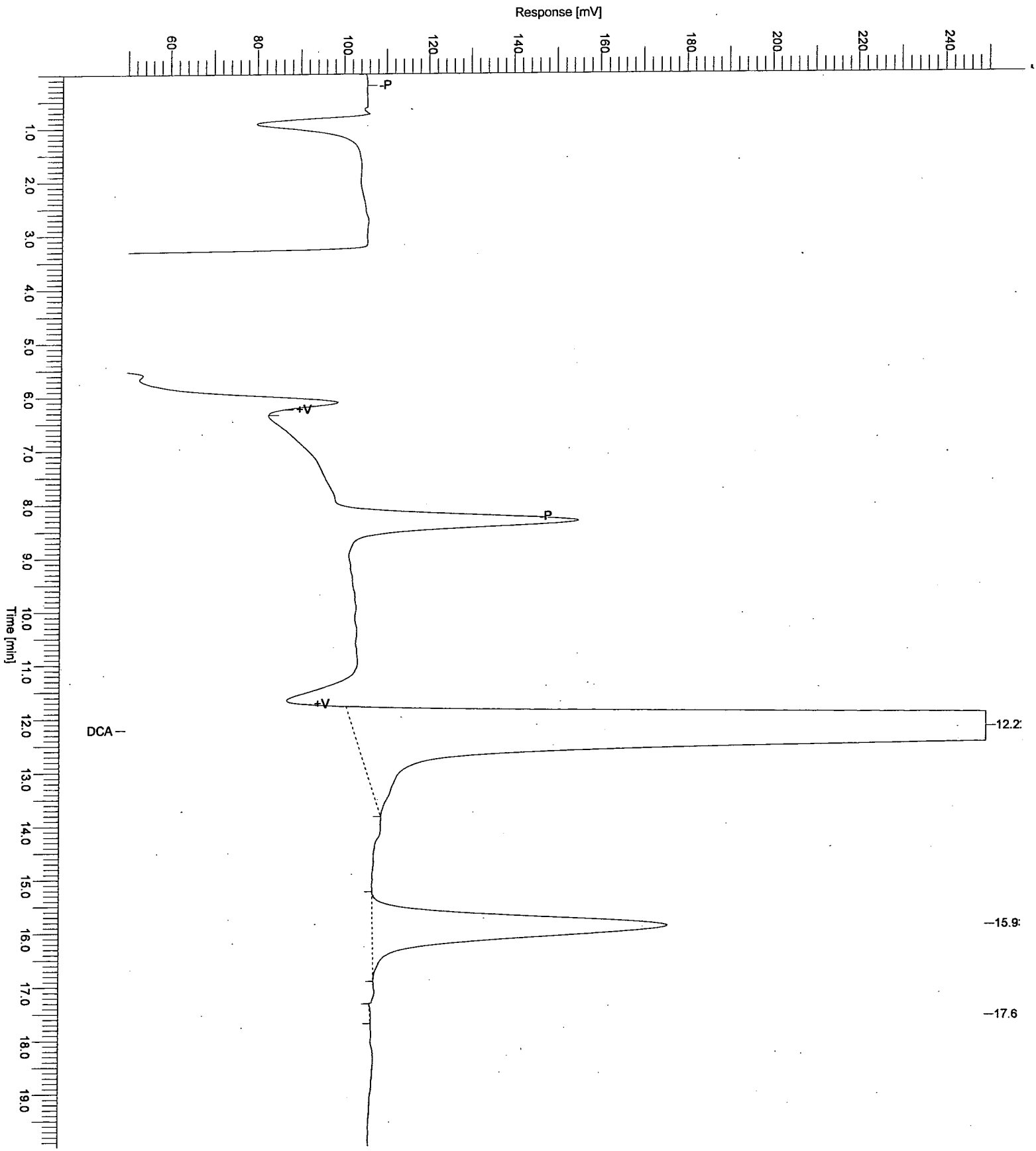
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210003.TX0

Chromatogram

Sample Name : 7K21124-BLK1 Sample #: 7K21124 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210003.raw
Date : 11/22/2007 12:27:09 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 12:06:50 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/22/2007 3:00:02 AM
Reprocess Number	: ic: 154411		
Operator	: inorg	Sample Name	: IQK1480-07
Sample Number	: 7K19101	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX7	Channel	: A
Interface Serial #	: 7230273507	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 20.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/22/2007 2:39:49 AM	Cycle	: 6

Raw Data File : H:\DATA\IC7\20071121\200711210006.raw
Result File : H:\DATA\IC7\20071121\200711210006.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210006.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210006.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210006.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.20	1.20e+07	0.9786	9.7858	
BROMIDE	13.34	151740.60	10.8554	108.5537	*
CHLORATE	14.60	56819.60	4.3041	43.0406	*
		1.22e+07	16.1380	161.3802	

* Warning -- uncalibrated levels encountered

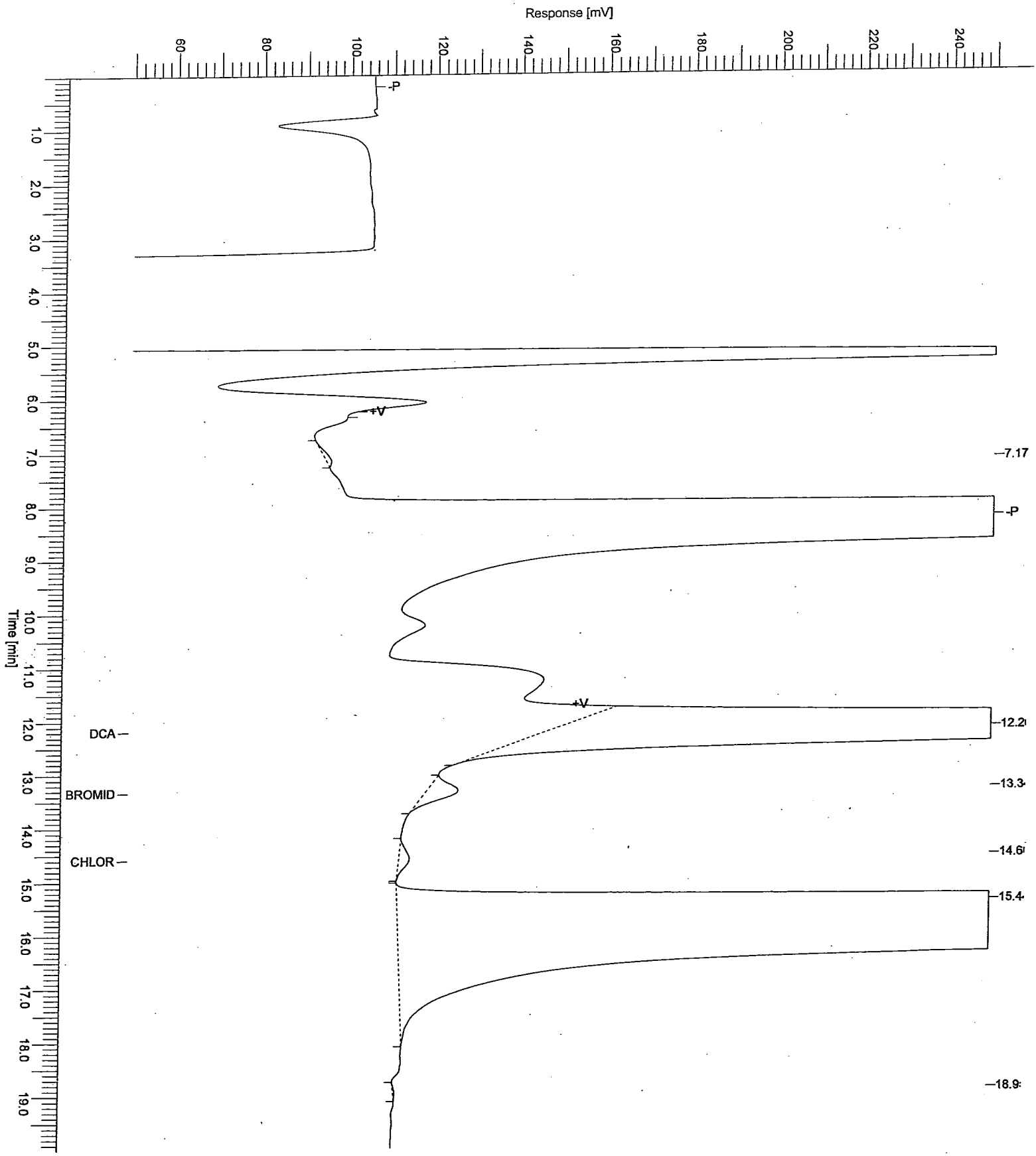
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210006.TX0

Chromatogram

Sample Name : IQK1480-07 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210006.raw
Date : 11/22/2007 3:00:02 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 2:39:49 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	: 11/22/2007 3:51:04 AM
Reprocess Number	: ic: 154419		
Operator	: inorg	Sample Name	: 7K19101-MS2
Sample Number	: 7K19101	Study	: IQK1480-07
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	: 11/22/2007 3:30:51 AM	Cycle	: 7

Raw Data File : H:\DATA\IC7\20071121\200711210007.raw
Result File : H:\DATA\IC7\20071121\200711210007.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210007.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210007.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210007.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.65	2112599.90	81.1402	811.4017	*
BROMATE	7.46	299426.00	23.6840	236.8398	*
DCA	12.19	1.19e+07	0.9701	9.7014	
BROMIDE	13.39	6513774.00	257.6839	2576.8389	*
CHLORATE	14.66	2292223.60	101.1835	1011.8351	*
		2.31e+07	464.6617	4646.6169	

* Warning -- uncalibrated levels encountered

Missing Component Report

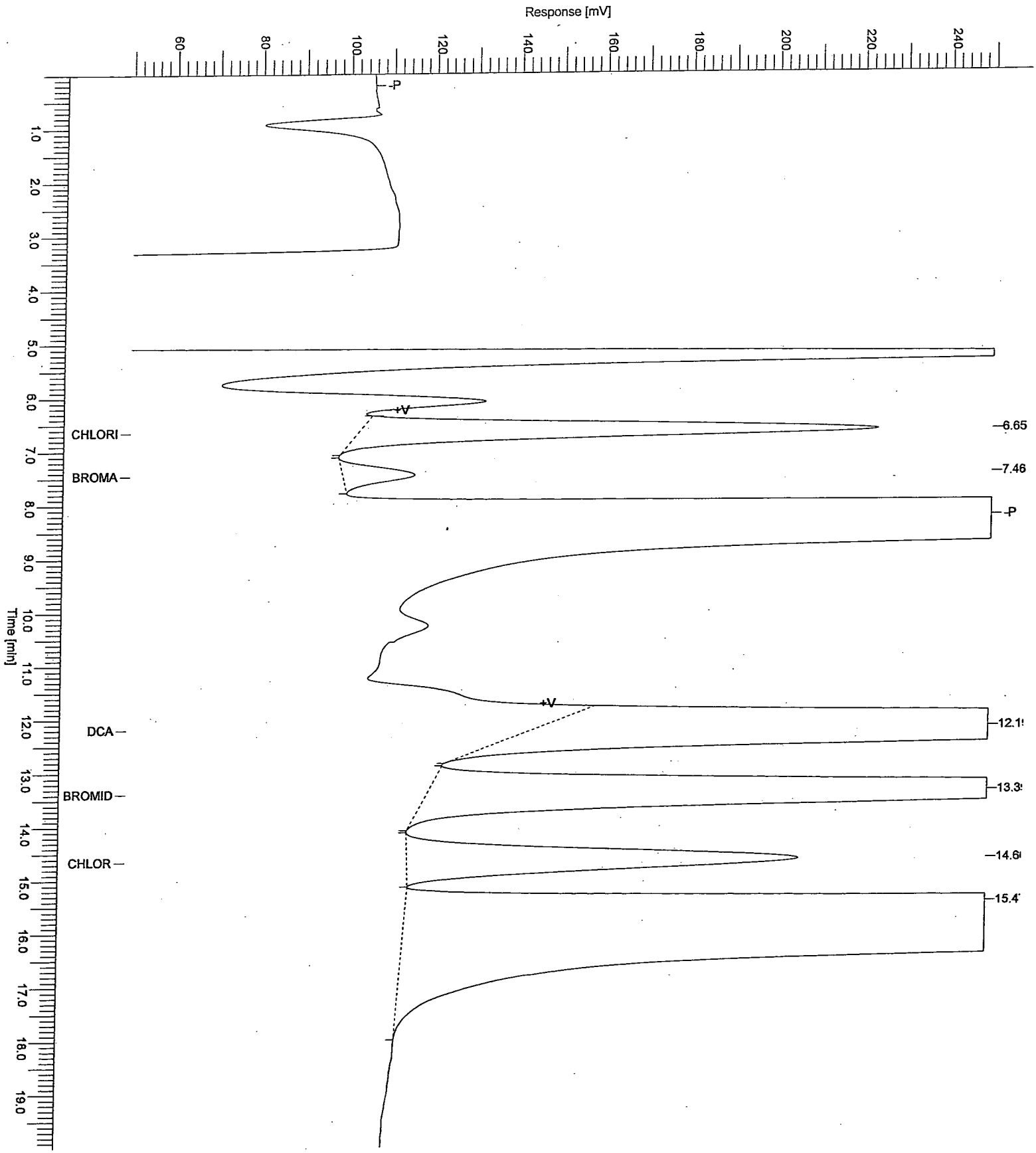
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210007.TX0

Chromatogram

Sample Name : 7K19101-MS2 Sample #: 7K19101
FileName : H:\DATA\IC7\20071121\200711210007.raw
Date : 11/22/2007 3:51:05 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 3:30:51 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	: 11/22/2007 4:42:08 AM
Reprocess Number	: ic: 154427		
Operator	: inorg	Sample Name	: 7K19101-MSD2
Sample Number	: 7K19101	Study	: IQK1480-07
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	: 11/22/2007 4:21:50 AM	Cycle	: 8

Raw Data File : H:\DATA\IC7\20071121\200711210008.raw
Result File : H:\DATA\IC7\20071121\200711210008.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210008.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210008.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210008.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.65	2217743.00	85.0849	850.8492	*
BROMATE	7.46	314736.40	24.9128	249.1278	*
DCA	12.18	1.17e+07	0.9536	9.5360	
BROMIDE	13.41	6747316.60	266.7447	2667.4467	*
CHLORATE	14.67	2352791.20	103.8084	1038.0843	*
		2.33e+07	481.5044	4815.0440	

* Warning – uncalibrated levels encountered

Missing Component Report

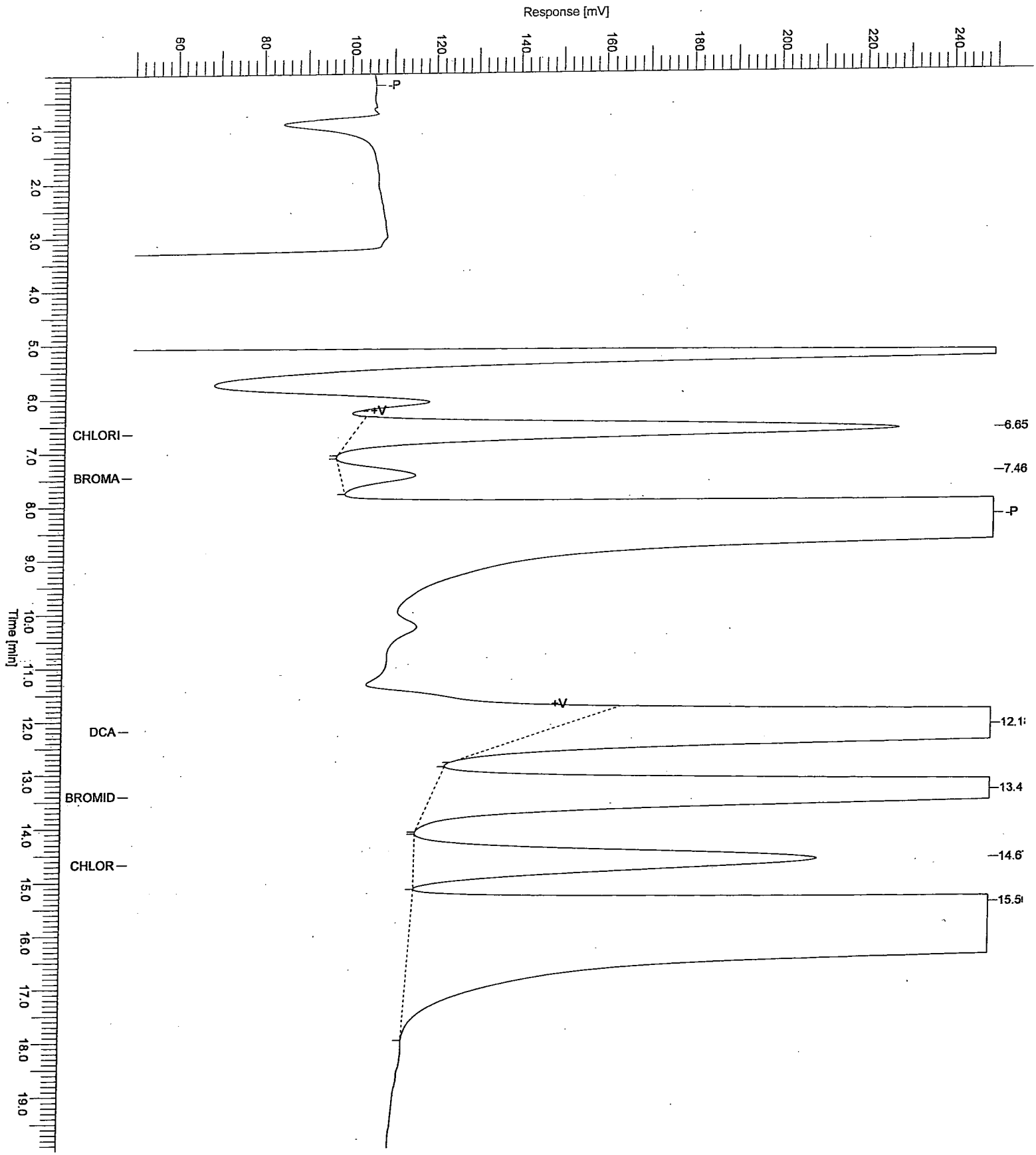
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210008.TX0

Chromatogram

Sample Name : 7K19101-MSD2 Sample #: 7K19101 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210008.raw
Date : 11/22/2007 4:42:09 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 4:21:50 AM
Start Time : 0.00 min End Time : 20.00 min Low Point : 50.00 mV High Point : 250.00 mV
Plot Offset: 50.00 mV Plot Scale: 200.0 mV



Software Version	: 6.2.1.0.106:0106	Date	: 11/22/2007 9:48:03 AM
Reprocess Number	: ic: 154453		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7K21124	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	: 11/22/2007 9:27:46 AM	Cycle	: 14

Raw Data File : H:\DATA\IC7\20071121\200711210014.raw
Result File : H:\DATA\IC7\20071121\200711210014.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210014.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210014.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210014.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.67	2448301.90	93.7350	93.7350	*
BROMATE	7.47	320908.60	25.4082	25.4082	*
DCA	12.20	1.23e+07	1.0078	1.0078	
BROMIDE	13.41	6193711.20	245.2664	245.2664	*
CHLORATE	14.69	2211273.10	97.6752	97.6752	*
		2.35e+07	463.0926	463.0926	

* Warning -- uncalibrated levels encountered

Missing Component Report

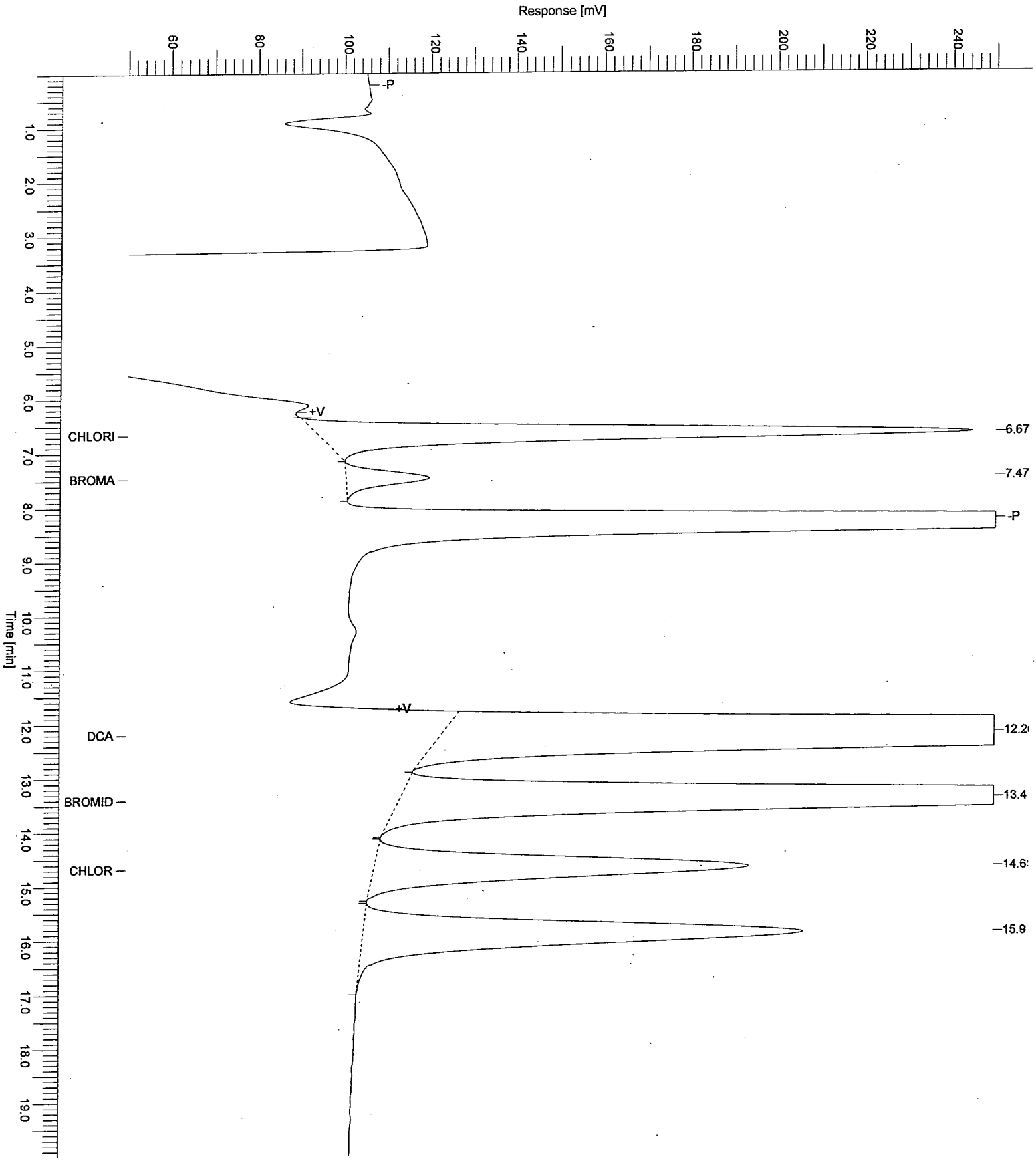
Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210014.TX0

Chromatogram

Sample Name : CCV Sample #: 7K21124 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210014.raw
Date : 11/22/2007 9:48:04 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 9:27:46 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	: 11/22/2007 10:39:00 AM
Reprocess Number	: ic: 154458		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7K21124	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	: 11/22/2007 10:18:48 AM	Cycle	: 15

Raw Data File : H:\DATA\IC7\20071121\200711210015.raw
Result File : H:\DATA\IC7\20071121\200711210015.rst
Inst Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210015.raw
Proc Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210015.rst
Calib Method : h:\data\ic7\ic7qk06a from H:\DATA\IC7\20071121\200711210015.rst
Report Format File: h:\data\ic7\test.rpt
Sequence File : H:\DATA\IC7\20071121\20071121.seq

300.1

Component Name	Time [min]	Area [µV·s]	Raw Amount	Adjusted Amount	Cal. Range
CHLORITE	6.73	0.00	0.0000	0.0000	
BROMATE	7.56	0.00	0.0000	0.0000	
DCA	12.21	1.24e+07	1.0119	1.0119	
BROMIDE	13.55	0.00	0.0000	0.0000	
CHLORATE	14.50	0.00	0.0000	0.0000	
		1.24e+07	1.0119	1.0119	

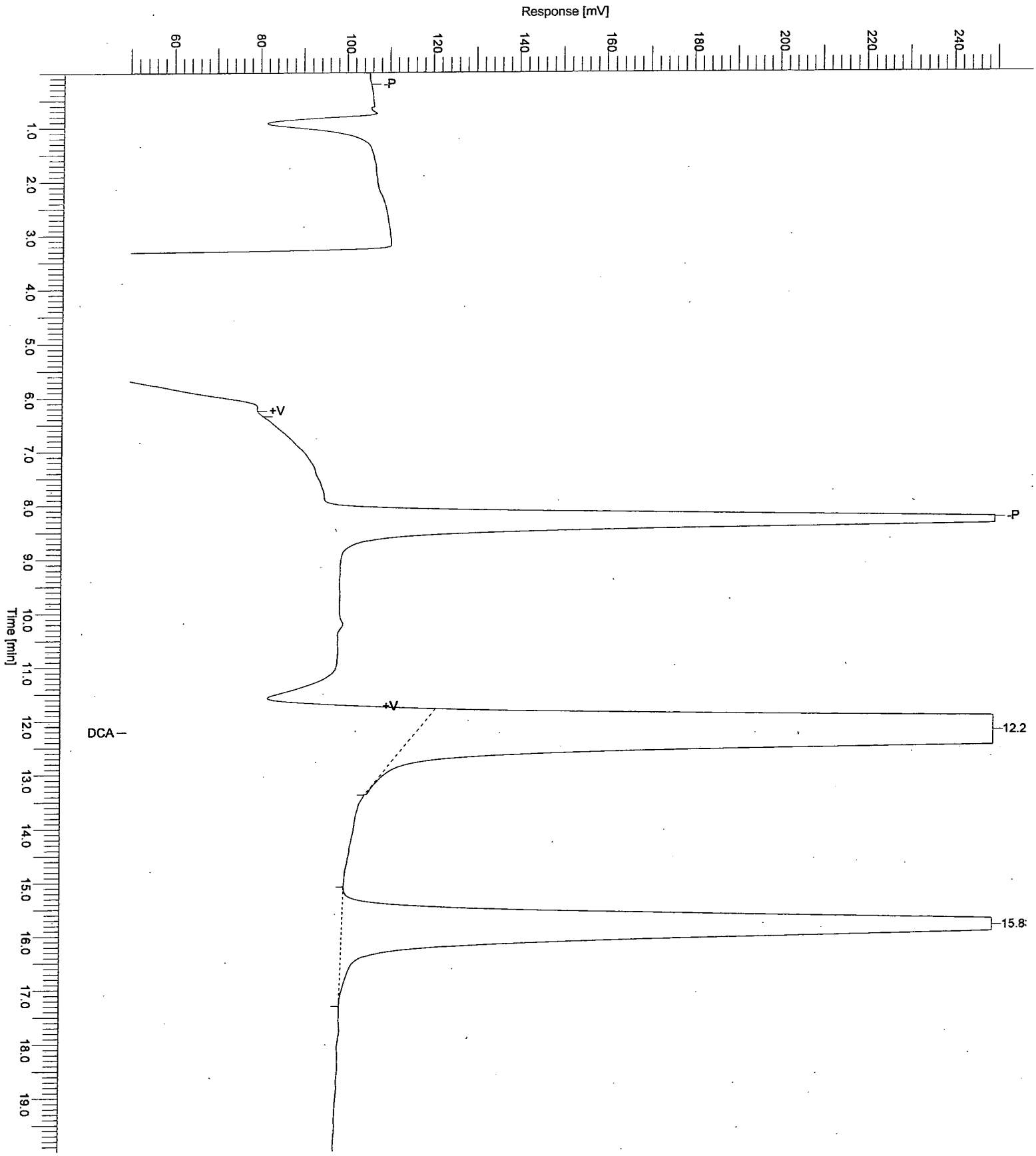
Missing Component Report

Component	Expected Retention (Calibration File)
CHLORITE	6.734
BROMATE	7.560
BROMIDE	13.545
CHLORATE	14.500

Report stored in ASCII file: H:\DATA\IC7\20071121\200711210015.TX0

Chromatogram

Sample Name : CCB Sample #: 7K21124 Page 1 of 1
FileName : H:\DATA\IC7\20071121\200711210015.raw
Date : 11/22/2007 10:39:01 AM
Method : ic7qk06a.mth Time of Injection: 11/22/2007 10:18:48 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



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: STL – ST. LOUIS
LABORATORY NUMBER: IQK1137
PROJECT: PHASE 2 SAMPLING TRONOX PARCELS C & D
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**

Cr 6+ DIGESTION LOG (Solids)
Prep Method: 7196A/3060A

Analyst: S.L
Date: 11/19/07
Batch: 7K19120

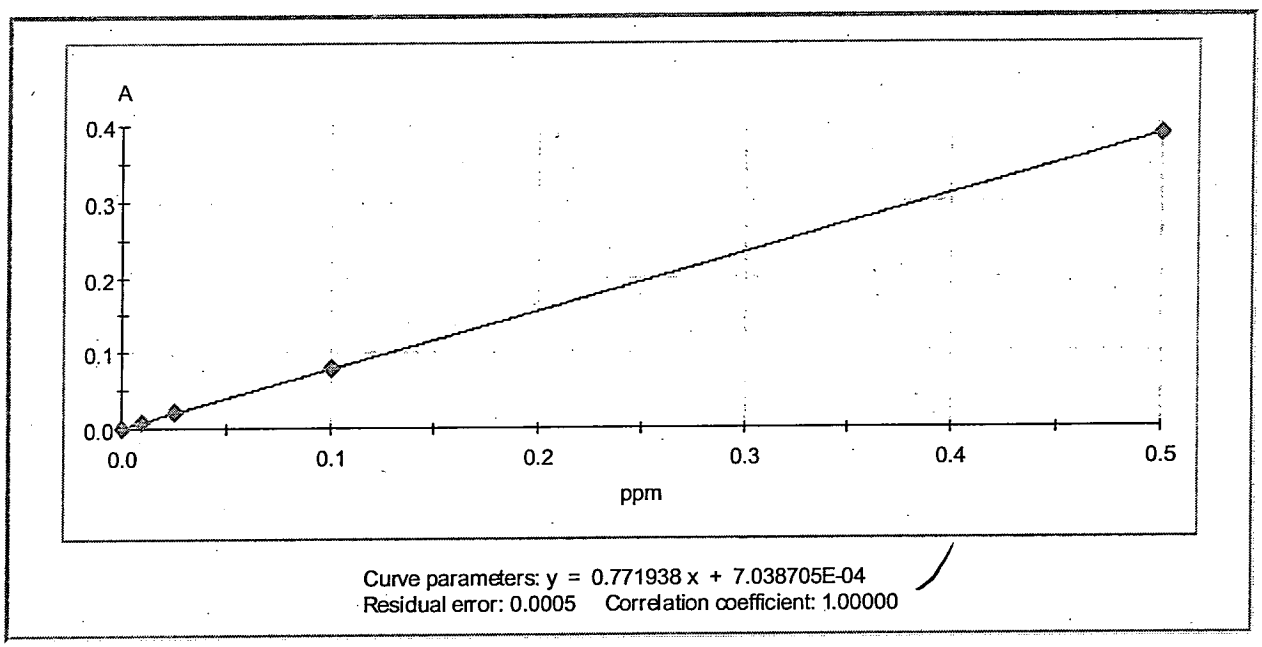
	Client	Sample ID	Sample Size (g)	Matrix	Digestion Solution (mL)	MgCl2 (g)	Phosphate Buffer (uL)	Final Volume (mL)
		Method Blank						
		LCS						
1		IQK 1137-01	1.25	5	25	~0.2	250	50
		↓ MS	↓	↓	↓	↓	↓	↓
		↓ SD	↓	↓	↓	↓	↓	↓
		Pbcro4 INS. MS	↓	↓	↓	↓	↓	↓
2		IQK 1116-01	↓	↓	↓	↓	↓	↓
3		IQK 1137-02	↓	↓	↓	↓	↓	↓
4		IQK 1137-03	↓	↓	↓	↓	↓	↓
5		IQK 1137-04	↓	↓	↓	↓	↓	↓
6		IQK 1137-05	↓	↓	↓	↓	↓	↓
7		IQK 1137-06	↓	↓	↓	↓	↓	↓
8		IQK 1137-07	↓	↓	↓	↓	↓	↓
9		IQK 1137-08	↓	↓	↓	↓	↓	↓
10		IQK 1137-09	↓	↓	↓	↓	↓	↓
11		IQK 1137-10	↓	↓	↓	↓	↓	↓
12		IQK 1137-11	↓	↓	↓	↓	↓	↓
13		IQK 1285-03	↓	↓	↓	↓	↓	↓
14		IQK 1715-01	↓	↓	↓	↓	↓	↓
15		IQK 1715-02	↓	↓	↓	↓	↓	↓
16		IQK 1715-03	↓	↓	↓	↓	↓	↓
17		IQK 1715-04	↓	↓	↓	↓	↓	↓
18		IQK 1715-05	↓	↓	↓	↓	↓	↓
19								

Volume Spike Added LCS: 400
Volume Spike Added MS/SD: 400
Weight Spike: _____

Digestion Solution: 7110395
MgCl2: 7100384
Phosphate Buffer: 7110272

7K19120

Method:	CHR111907.mqa
Last modified:	11/19/2007 8:44:10 PM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/19/2007 8:51:41 PM by inorg/IRV-GENESYS



Standard Data

No.	Concentration [ppm]	A	Error [A]	Used
1	0	0.000	-0.001	Yes
2	0.01	0.009	0.000	Yes
3	0.025	0.020	0.000	Yes
4	0.1	0.078	0.000	Yes
5	0.5	0.387	0.000	Yes

ICV/CCV 7110085

LCS/MS/MSD 7110146

Method:	CHR111907.mqa
Last modified:	11/19/2007 8:44:10 PM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/19/2007 8:51:17 PM by inorg/IRV-GENESYS

Sample	Dilution Factor	Ordinate [A]	Concentration [ppm]
ICV	1	0.081	0.10376
ICB	1	0.000	-0.00091
BLK	1	0.000	-0.00052
LCS	1	0.287	0.37101
IQK1137-01 MS	1	0.267	0.34523
IQK1137-01 MSD	1	0.264	0.34083
IQK1137-01 PBCRO4 100X 5.1MG	1	0.108	0.13938
IQK1116-01	1	0.023	0.02850 ? 0.00327
IQK1116-01 BG	1	0.020	0.02513
IQK1137-01	1	0.003	0.00233
IQK1137-02	1	0.004	0.00427
IQK1137-03	1	0.004	0.00427
IQK1137-04	1	0.001	-0.00001
IQK1137-05	1	0.002	0.00168
CCV	1	0.246	0.31738 ✓
CCB	1	0.000	-0.00078
IQK1137-06	1	0.004	0.00401
IQK1137-07	1	0.005	0.00518
IQK1137-08	1	0.009	0.01010
IQK1137-09	1	0.008	0.00919
IQK1137-10	1	0.005	0.00570
IQK1137-11	1	0.009	0.01075
CCV	1	0.246	0.31777 ✓
CCB	1	0.000	-0.00078
IQK1715-01	1	0.000	-0.00117
IQK1715-02	1	0.003	0.00310
IQK1715-03	1	0.009	0.01049
IQK1715-04	1	0.004	0.00440
IQK1715-05	1	0.004	0.00401
CCV	1	0.246	0.31777 ✓
CCB	1	-0.001	-0.00156

11/20/07

Method:	CHR111907.mqa
Last modified:	11/19/2007 8:44:10 PM by inorg/IRV-GENESYS
Spectrophotometer:	GENESYS 20
Serial number:	- - -
Firmware:	2.10
Measured:	11/19/2007 9:32:05 PM by inorg/IRV-GENESYS

Sample	Dilution Factor	Ordinate [A]	Concentration [ppm]
CCV	1	0.245	0.31686
CCB	1	0.000	-0.00039
IQK1285-03 50X	1	0.005	0.00557
IQK1285-04 50X	1	0.004	0.00388
~~CCB~~ CCV	1	0.245	0.31673
CCB	1	0.000	-0.00052

* dilute due to cloudy samples

S.L
11/19/7