

Tetra Tech, Inc.

1955 Evergreen Blvd
Bldg 200, Suite 300
Duluth, GA 30096

Warrenton

Analytical Report (0211-22)

EPA SW-846 Method 8270C

Polyaromatic Hydrocarbons (PAHs)
Tentatively Identified Compounds (TICs)

Generic HPLC

Carbaryl



Enthalpy Analytical, Inc.

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2202 Ellis Road Durham, NC 27703 - 5518

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF) and contains &\$) pages.

Report Issued: &#, #%%



Summary of Results



Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs, 1 Blank

Client #	Warrenton
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Compound	Sample ID / Catch Weight (ug)				
	<i>AH01</i>	<i>AH02</i>	<i>AH03</i>	<i>AH04</i>	<i>MB - 2</i>
Naphthalene	3.33 ND	3.33 ND	3.33 ND	3.33 ND	3.33 ND
2-Methylnaphthalene	3.09 ND	3.09 ND	3.09 ND	3.09 ND	3.09 ND
1-Methylnaphthalene	3.07 ND	3.07 ND	3.07 ND	3.07 ND	3.07 ND
Acenaphthylene	3.37 ND	3.37 ND	3.37 ND	3.37 ND	3.37 ND
Acenaphthene	4.67 ND	4.67 ND	4.67 ND	4.67 ND	4.67 ND
Fluorene	3.92 ND	3.92 ND	3.92 ND	3.92 ND	3.92 ND
Phenanthrene	3.86 ND	3.86 ND	3.86 ND	3.86 ND	3.86 ND
Anthracene	3.80 ND	3.80 ND	3.80 ND	3.80 ND	3.80 ND
Fluoranthene	4.60 ND	4.60 ND	4.60 ND	4.60 ND	4.60 ND
Pyrene	4.69 ND	4.69 ND	4.69 ND	4.69 ND	4.69 ND
Benzo(a)anthracene	2.75 ND	2.75 ND	2.75 ND	2.75 ND	2.75 ND
Chrysene	2.78 ND	2.78 ND	2.78 ND	2.78 ND	2.78 ND
Benzo(b)fluoranthene	1.50 ND	1.50 ND	1.50 ND	1.50 ND	1.50 ND
Benzo(k)fluoranthene	1.78 ND	1.78 ND	1.78 ND	1.78 ND	1.78 ND
Benzo(e)pyrene	1.70 ND	1.70 ND	1.70 ND	1.70 ND	1.70 ND
Benzo(a)pyrene	1.70 ND	1.70 ND	1.70 ND	1.70 ND	1.70 ND
Perylene	1.70 ND	1.70 ND	1.70 ND	1.70 ND	1.70 ND
Indeno(1,2,3-cd)pyrene	1.50 ND	1.50 ND	1.50 ND	1.50 ND	1.50 ND
Dibenz(a,h)anthracene	2.13 ND	2.13 ND	2.13 ND	2.13 ND	2.13 ND
Benzo(g,h,i)perylene	1.76 ND	1.76 ND	1.76 ND	1.76 ND	1.76 ND

Company	Tetra Tech, Inc.
Analyst	KHB
Parameters	Generic HPLC
# Samples	4 Runs, 1 Blank

Client #	Warrenton
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Compound	Sample ID / Catch Weight (ug)			
	AP01-WAR	AP02-WAR	AP03-WAR	AP04-WAR
Carbaryl	0.180 ND	0.180 ND	0.180 ND	0.180 ND
	MB-1			
Carbaryl	0.180 ND			

Results



Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH01-WAR**
Data File: W1100076.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	3.33	ND
2-Methylnaphthalene	142	NA	0.00	0.618	3.09	ND
1-Methylnaphthalene	142	NA	0.00	0.613	3.07	ND
Acenaphthylene	152	NA	0.00	0.675	3.37	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	4.67	ND
Fluorene	166	NA	0.00	0.783	3.92	ND
Phenanthrene	178	NA	0.00	0.771	3.86	ND
Anthracene	178	NA	0.00	0.760	3.80	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	4.60	ND
Pyrene	202	NA	0.00	0.937	4.69	ND
Benzo(a)anthracene	228	NA	0.00	0.550	2.75	ND
Chrysene	228	NA	0.00	0.556	2.78	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	1.50	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	1.78	ND
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	1.70	ND
Perylene	252	NA	0.00	0.340	1.70	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	1.50	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	2.13	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	1.76	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	511,248	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	1,831,872	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,052,645	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	1,876,619	40.0	N/A	
Chrysene-d12 (I)	240	12.6	1,903,724	40.0	N/A	
Perylene-d12 (I)	264	14.7	1,824,032	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	511,248	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,831,872	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,052,645	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,876,619	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	1,903,724	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	1,824,032	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH01-WAR**
Data File: W1100076.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Desorb Vol (mL) 5.00

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
<i>None Detected</i>						

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH02-WAR**
Data File: W1100077.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	3.33	ND
2-Methylnaphthalene	142	NA	0.00	0.618	3.09	ND
1-Methylnaphthalene	142	NA	0.00	0.613	3.07	ND
Acenaphthylene	152	NA	0.00	0.675	3.37	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	4.67	ND
Fluorene	166	NA	0.00	0.783	3.92	ND
Phenanthrene	178	NA	0.00	0.771	3.86	ND
Anthracene	178	NA	0.00	0.760	3.80	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	4.60	ND
Pyrene	202	NA	0.00	0.937	4.69	ND
Benzo(a)anthracene	228	NA	0.00	0.550	2.75	ND
Chrysene	228	NA	0.00	0.556	2.78	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	1.50	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	1.78	ND
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	1.70	ND
Perylene	252	NA	0.00	0.340	1.70	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	1.50	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	2.13	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	1.76	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	542,041	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	1,869,760	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,057,192	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	1,879,618	40.0	N/A	
Chrysene-d12 (I)	240	12.6	1,842,447	40.0	N/A	
Perylene-d12 (I)	264	14.7	1,615,112	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	542,041	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,869,760	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,057,192	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,879,618	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	1,842,447	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	1,615,112	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH02-WAR**
Data File: W1100077.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Desorb Vol (mL) 5.00

Operator's Assessments

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
Isothiocyanato naphthalene isomer		185	9.60	1,246,330	10.8	54.2

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH03-WAR**
Data File: W1100078.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	3.33	ND
2-Methylnaphthalene	142	NA	0.00	0.618	3.09	ND
1-Methylnaphthalene	142	NA	0.00	0.613	3.07	ND
Acenaphthylene	152	NA	0.00	0.675	3.37	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	4.67	ND
Fluorene	166	NA	0.00	0.783	3.92	ND
Phenanthrene	178	NA	0.00	0.771	3.86	ND
Anthracene	178	NA	0.00	0.760	3.80	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	4.60	ND
Pyrene	202	NA	0.00	0.937	4.69	ND
Benzo(a)anthracene	228	NA	0.00	0.550	2.75	ND
Chrysene	228	NA	0.00	0.556	2.78	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	1.50	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	1.78	ND
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	1.70	ND
Perylene	252	NA	0.00	0.340	1.70	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	1.50	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	2.13	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	1.76	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	610,752	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	2,155,305	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,243,650	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	2,251,820	40.0	N/A	
Chrysene-d12 (I)	240	12.6	2,217,054	40.0	N/A	
Perylene-d12 (I)	264	14.7	2,053,987	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	610,752	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	2,155,305	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,243,650	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	2,251,820	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	2,217,054	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	2,053,987	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH03-WAR**
Data File: W1100078.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Desorb Vol (mL) 5.00

Operator's Assessments

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
Isothiocyanato naphthalene isomer		185	9.60	2,662,460	19.5	97.3

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH04-WAR**
Data File: W1100080.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	3.33	ND
2-Methylnaphthalene	142	NA	0.00	0.618	3.09	ND
1-Methylnaphthalene	142	NA	0.00	0.613	3.07	ND
Acenaphthylene	152	NA	0.00	0.675	3.37	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	4.67	ND
Fluorene	166	NA	0.00	0.783	3.92	ND
Phenanthrene	178	NA	0.00	0.771	3.86	ND
Anthracene	178	NA	0.00	0.760	3.80	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	4.60	ND
Pyrene	202	NA	0.00	0.937	4.69	ND
Benzo(a)anthracene	228	NA	0.00	0.550	2.75	ND
Chrysene	228	NA	0.00	0.556	2.78	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	1.50	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	1.78	ND
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	1.70	ND
Perylene	252	NA	0.00	0.340	1.70	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	1.50	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	2.13	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	1.76	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	544,166	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	1,918,368	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,093,220	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	1,890,299	40.0	N/A	
Chrysene-d12 (I)	240	12.6	1,815,098	40.0	N/A	
Perylene-d12 (I)	264	14.7	1,628,211	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	544,166	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,918,368	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,093,220	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,890,299	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	1,815,098	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	1,628,211	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 AH04-WAR**
Data File: W1100080.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Desorb Vol (mL) 5.00

Operator's Assessments

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
Isothiocyanato naphthalene isomer		185	9.61	23,289,700	199	994

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 MB-2**
Data File: W1100075.D
Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	3.33	ND
2-Methylnaphthalene	142	NA	0.00	0.618	3.09	ND
1-Methylnaphthalene	142	NA	0.00	0.613	3.07	ND
Acenaphthylene	152	NA	0.00	0.675	3.37	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	4.67	ND
Fluorene	166	NA	0.00	0.783	3.92	ND
Phenanthrene	178	NA	0.00	0.771	3.86	ND
Anthracene	178	NA	0.00	0.760	3.80	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	4.60	ND
Pyrene	202	NA	0.00	0.937	4.69	ND
Benzo(a)anthracene	228	NA	0.00	0.550	2.75	ND
Chrysene	228	NA	0.00	0.556	2.78	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	1.50	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	1.78	ND
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	1.70	ND
Perylene	252	NA	0.00	0.340	1.70	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	1.50	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	2.13	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	1.76	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	460,091	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	1,599,771	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	914,800	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	1,615,683	40.0	N/A	
Chrysene-d12 (I)	240	12.6	1,581,756	40.0	N/A	
Perylene-d12 (I)	264	14.7	1,465,162	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	460,091	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,599,771	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	914,800	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,615,683	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	1,581,756	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	1,465,162	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 MB-2**
 Data File: W1100075.D
 Tank/Misc ID: Hexane Desorb Solvent

DF: 1.00
 Desorb Vol (mL) 5.00

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
<i>None Detected</i>						

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **CH2Cl2 System Blank**
Data File: W1100071.D
Tank/Misc ID:

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 1.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	0.665	ND
2-Methylnaphthalene	142	NA	0.00	0.618	0.618	ND
1-Methylnaphthalene	142	NA	0.00	0.613	0.613	ND
Acenaphthylene	152	NA	0.00	0.675	0.675	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	0.934	ND
Fluorene	166	NA	0.00	0.783	0.783	ND
Phenanthrene	178	NA	0.00	0.771	0.771	ND
Anthracene	178	NA	0.00	0.760	0.760	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	0.919	ND
Pyrene	202	NA	0.00	0.937	0.937	ND
Benzo(a)anthracene	228	NA	0.00	0.550	0.550	ND
Chrysene	228	NA	0.00	0.556	0.556	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	0.300	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	0.356	ND
Benzo(e)pyrene	252	NA	0.00	0.340	0.340	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	0.340	ND
Perylene	252	NA	0.00	0.340	0.340	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	0.300	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	0.425	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	0.352	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	629,299	40.0	N/A	
Naphthalene-d8 (I)	136	6.50	2,193,154	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,205,264	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	2,166,696	40.0	N/A	
Chrysene-d12 (I)	240	12.6	2,117,572	40.0	N/A	
Perylene-d12 (I)	264	14.7	2,004,084	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	629,299	Pass
Naphthalene-d8 (I)	6.50	6.50	2,393,777	2,193,154	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,205,264	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	2,166,696	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	2,117,572	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	2,004,084	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **CH2Cl2 System Blank**
 Data File: W1100071.D
 Tank/Misc ID:

DF: 1.00

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
<i>None Detected</i>						

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **Hexanes Blank**
Data File: W1100072.D
Tank/Misc ID: Lot #E39E26

DF: 1.00
Aliquot Factor: 1.00
Desorb Vol (mL): 1.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags
Naphthalene	128	NA	0.00	0.665	0.665	ND
2-Methylnaphthalene	142	NA	0.00	0.618	0.618	ND
1-Methylnaphthalene	142	NA	0.00	0.613	0.613	ND
Acenaphthylene	152	NA	0.00	0.675	0.675	ND
Acenaphthene (CCC)	154	NA	0.00	0.934	0.934	ND
Fluorene	166	NA	0.00	0.783	0.783	ND
Phenanthrene	178	NA	0.00	0.771	0.771	ND
Anthracene	178	NA	0.00	0.760	0.760	ND
Fluoranthene (CCC)	202	NA	0.00	0.919	0.919	ND
Pyrene	202	NA	0.00	0.937	0.937	ND
Benzo(a)anthracene	228	NA	0.00	0.550	0.550	ND
Chrysene	228	NA	0.00	0.556	0.556	ND
Benzo(b)fluoranthene	252	NA	0.00	0.300	0.300	ND
Benzo(k)fluoranthene	252	NA	0.00	0.356	0.356	ND
Benzo(e)pyrene	252	NA	0.00	0.340	0.340	ND
Benzo(a)pyrene (CCC)	252	NA	0.00	0.340	0.340	ND
Perylene	252	NA	0.00	0.340	0.340	ND
Indeno(1,2,3-cd)pyrene	276	NA	0.00	0.300	0.300	ND
Dibenz(a,h)anthracene	278	NA	0.00	0.425	0.425	ND
Benzo(g,h,i)perylene	276	NA	0.00	0.352	0.352	ND

					Rec. (%)	Spk Amt
1,4-Dichlorobenzene-d4 (I)	152	5.28	554,524	40.0	N/A	
Naphthalene-d8 (I)	136	6.49	1,980,231	40.0	N/A	
Acenaphthene-d10 (I)	164	8.25	1,117,160	40.0	N/A	
Phenanthrene-d10 (I)	188	9.77	1,997,630	40.0	N/A	
Chrysene-d12 (I)	240	12.6	2,011,770	40.0	N/A	
Perylene-d12 (I)	264	14.7	1,824,583	40.0	N/A	

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	554,524	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,980,231	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	1,117,160	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,997,630	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	2,011,770	Pass
Perylene-d12 (I)	14.75	14.75	2,231,127	1,824,583	Pass

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **Hexanes Blank**
Data File: W1100072.D
Tank/Misc ID: Lot #E39E26

DF: 1.00

Compound	CAS#	MW	Ret. Time (min)	Area	Conc. (µg/mL)	Sample Conc. (µg)
<i>None Detected</i>						

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA Method 8270C
# Samples	4 Runs & 1 Blank

Client #	Warrenton Site
Job #	0211-22
PO #	Verbal
Report Date	2/7/2011

Sample ID: **0211-22 XAD-2 SPK @ 50ug**
Data File: W1100088.D
Tank/Misc ID: (50uL Mega Mix Spike, desorb w/ 5mLs Hexane)

DF: 1.00
Aliquot Factor: 1.00
Extraction Vol (mL): 5.00
ConCal 1

Compound	Quant	Ret. Time (min)	Area	Conc. (ug/mL)	Catch Weight (ug)	Flags	Tag Value (ug)	% Recovery
Naphthalene	128	6.51	410,040	9.74	48.7		50.0	97.4
2-Methylnaphthalene	142	7.19	262,151	9.72	48.6		50.0	97.2
1-Methylnaphthalene	142	7.29	251,662	9.65	48.3		50.0	96.5
Acenaphthylene	152	8.11	341,591	8.70	43.5		50.0	87.0
Acenaphthene (CCC)	154	8.29	217,516	8.66	43.3		50.0	86.6
Fluorene	166	8.81	259,675	9.23	46.2		50.0	92.3
Phenanthrene	178	9.79	342,620	8.58	42.9		50.0	85.8
Anthracene	178	9.84	339,357	8.52	42.6		50.0	85.2
Fluoranthene (CCC)	202	11.0	337,709	8.13	40.7		50.0	81.3
Pyrene	202	11.2	360,004	8.07	40.3		50.0	80.7
Benzo(a)anthracene	228	12.5	297,607	6.89	34.4		50.0	68.9
Chrysene	228	12.6	276,255	6.79	33.9		50.0	67.9
Benzo(b)fluoranthene	252	14.1	251,332	6.29	31.4		50.0	62.9
Benzo(k)fluoranthene	252	14.1	247,196	6.33	31.7		50.0	63.3
Benzo(e)pyrene	252	NA	0.00	0.340	1.70	ND	0.00	NA
Benzo(a)pyrene (CCC)	252	14.6	210,298	5.72	28.6		50.0	57.2
Perylene	252	NA	0.00	0.340	1.70	ND	0.00	NA
Indeno(1,2,3-cd)pyrene	276	16.8	212,037	5.83	29.2		50.0	58.3
Dibenz(a,h)anthracene	278	16.8	172,273	5.62	28.1		50.0	56.2
Benzo(g,h,i)perylene	276	17.3	178,239	6.01	30.1		50.0	60.1

					Rec. (%)	Spk Amt	Flags
1,4-Dichlorobenzene-d4 (I)	152	5.28	493,380	40.0	N/A		
Naphthalene-d8 (I)	136	6.49	1,748,056	40.0	N/A		
Acenaphthene-d10 (I)	164	8.25	976,209	40.0	N/A		
Phenanthrene-d10 (I)	188	9.77	1,767,944	40.0	N/A		
Chrysene-d12 (I)	240	12.6	1,790,038	40.0	N/A		
Perylene-d12 (I)	264	14.7	1,598,759	40.0	N/A		

Internal Standard Acceptance Criteria (Area -50%/+100%, RT +/- 30 sec.)

Internal Standard Name	Concal RT	Sample RT	Concal IS Area	Sample IS Area	Flag
1,4-Dichlorobenzene-d4 (I)	5.28	5.28	673,858	493,380	Pass
Naphthalene-d8 (I)	6.50	6.49	2,393,777	1,748,056	Pass
Acenaphthene-d10 (I)	8.25	8.25	1,359,115	976,209	Pass
Phenanthrene-d10 (I)	9.77	9.77	2,511,930	1,767,944	Pass
Chrysene-d12 (I)	12.56	12.56	2,483,190	1,790,038	Pass
Perylene-d12 (I)	14.75	14.74	2,231,127	1,598,759	Pass

Company	Tetra Tech, Inc.
Analyst	KHB
Parameters	Generic HPLC
# Samples	4 Runs, 1 Blank

Client #	Warrenton
Job #	0211-22
PO #	Verbal
Report Date	2/8/2011

MDL 0.0360 (ug/mL)

LOQ 0.500 (ug/mL)

Lower Curve Limit 0.500 (ug/mL)

Upper Curve Limit 5.00 (ug/mL)

Compound Carbaryl

Sample ID	Lab ID # 1	Lab ID # 2	Analysis Method	Ret Time (min)	Ret Time (min)	% Diff Ret	Conc # 1 (ug/mL)	Conc # 2 (ug/mL)	% Diff Conc	Avg Conc (ug/mL)	DF	Vol (mL)	Catch Weight (ug)	Qual
AP01-WAR	041-0701.D	041-0702.D	CARBARYL.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
AP02-WAR	042-0801.D	042-0802.D	CARBARYL.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
AP03-WAR	043-0901.D	043-0902.D	CARBARYL.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
AP04-WAR	044-1201.D	044-1202.D	CARBARYL14.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
MB-1	045-1601.D	045-1602.D	CARBARYL.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
RB/Acetonitrile	035-0601.D	035-0602.D	CARBARYL.M	NA	NA	NA	0.0360	0.0360	0.0	0.0360	1	5.00	0.180	ND
DE Study-1	051-1901.D	051-1902.D	CARBARYL.M	5.81	5.81	0.1	2.58	2.57	0.1	2.58	1	5.00	12.9	
													Spike Amount (ug)	15.0
													Spike Recovery (%)	85.8%
DE Study-2	052-2001.D	052-2002.D	CARBARYL.M	5.81	5.80	0.1	2.46	2.46	0.0	2.46	1	5.00	12.3	
													Spike Amount (ug)	15.0
													Spike Recovery (%)	81.9%
DE Study-3	053-2101.D	053-2102.D	CARBARYL.M	5.80	5.76	0.7	2.55	2.54	0.2	2.55	1	5.00	12.7	
													Spike Amount (ug)	15.0
													Spike Recovery (%)	85.0%
DE Study-4	054-2201.D	054-2202.D	CARBARYL.M	5.76	5.77	0.2	2.76	2.78	0.3	2.77	1	5.00	13.8	
													Spike Amount (ug)	15.0
													Spike Recovery (%)	92.3%
													Average DE Value:	86.2%

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Tetra Tech, Inc.
Analyst	TDD
Parameters	EPA SW-846 Method 8270C
# Samples	4 Runs

Client #	Warrenton
Job #	0211-22
PO #	Verbal
Report Date	February 5, 2011

Custody

David Eckard received the samples on 2/4/11 after being relinquished by Tetra Tech, Inc. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.

Analysis

The samples were analyzed for 8270 Polycyclic Aromatic Hydrocarbons and Tentatively Identified Compounds (TICs) using the analytical procedures in EPA SW-846 Method 8270C, *Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)*.

All XAD-2 tubes were desorbed whole with 5 mLs of Hexanes and shaken for 1 hour at 450 rev/min. A LCS sample was prepared by spiking a XAD-2 tube with 50µL of SVOA Mega Mix at 1000 µg/mL. The tube was allowed to sit for 2 hours, then was desorbed whole in 5 mLs of hexanes and shaken for 1 hour at 450 rev/min. A 100 µL each each sample was spiked with 5 µL of SV Internal Standard solution prior to sample analysis.

The Agilent Technologies Model 6890N, Gas Chromatograph ("Wiley" S/N CN10244010) was equipped with a 5973N Mass Selective Detector and a Restek Rxi-5Sil MS, 30m x 0.25mm x 0.5µm (SN 982029) capillary column.

Calibration

The RSD of all target compounds in the initial calibration were within the 20% acceptance limit.

All continuing calibration criteria were met in the analysis of these samples.

The calibration curve is included in the Calibration Curve Chromatograms section of this report.

Chromatographic Conditions

The acquisition method RXI-2A-EA.M is included in the Calibration Curve Chromatograms section of this report.



Enthalpy Analytical Narrative Summary (continued)

QC Notes	<p>All internal standard criteria were met in the analyses of these samples.</p> <p>A lab duplicate was analyzed with the sequence and met duplicate analysis criteria.</p> <p>The analysis of the LCS exhibited recovery values of 50-150% for all reported compounds.</p> <p>All sample preparation and analytical holding times specified in the method were met.</p>
Reporting Notes	<p>There were no PAHs detected in any of the samples.</p> <p>The only TIC detected in any of the samples was an isothiocyanato naphthalene isomer.</p> <p>On the TIC results spreadsheets the top part of the page details peaks that had sufficiently good spectral matches to be identified by the IUPAC name and CAS number. The bottom part of the page details peaks whose spectra were not good enough to give positive identification using the instrument software (Agilent Technologies G1701DA Version D.00.00.38). This section Labeled as “Operator’s Assessments” may include both more generic compound identifications and more specific compounds identifications based on analyst experience and historical instrument response. Compounds with poor spectral match are identified as “unknown”.</p> <p>TICs are compared to a 129,000 compound library from the National Institute of Standards and Technology (NIST). TIC concentrations are calculated using an assumed response factor of 1 for all compounds. Identification of TICs is based upon visual comparison of the sample spectra and best quality library searches. Relative intensities of major ions in the reference spectrum are compared to those in the sample spectrum. Intensities of the major ions should be within 20% of those in the reference spectrum. In some instances a background subtraction may have been performed on the sample spectrum to remove ions that may be present due to contamination or coeluting peaks. Therefore, due to possible background interferences, ions present in the sample spectrum may not be present in the reference spectrum.</p> <p>The results presented in this report are representative of the samples as provided to the laboratory.</p>



Enthalpy Analytical Narrative Summary

Company	Tetra Tech, Inc.
Analyst	KHB
Parameters	Generic HPLC
# Samples	4 Runs, 1 Blank

Client #	Warrenton
Job #	0211-22
PO #	Verbal
Report Date	February 7, 2011

Custody	David Eckard received the samples on 2/4/11 after being relinquished by Tetra Tech, Inc. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.
Analysis	<p>The samples were analyzed for carbaryl using the general analytical procedures for generic HPLC sample analysis.</p> <p>The XAD tubes were desorbed whole (including the front glass wool) using 5 mL of acetonitrile. The tubes were shaken at 450 rpm for one hour and then allowed to stand for 30 minutes.</p> <p>The Agilent Model 1100, High Performance Liquid Chromatograph ("Groucho") was equipped with an Ultraviolet (UV) Detector operating at 280 nm and a Restek Pinnacle II C18, 250 x 4.6 mm column (S/N 09100263T).</p>
Calibration	<p>The calibration curve is located in the back of this report and referenced in the Analysis Method column on the Detailed Results page.</p> <p>For each calibration curve used, the first page of the curve contains all method specific parameters (i.e., curve type, origin, weight, etc.) used to quantify the samples. The calibration curve section also includes a table with the Retention Time (RetTime), Level (Lvl), Amount (corresponding units), Area, Response Factor (Amt/Area) and the analyte Name. The calibration table is used to identify (by retention time) and quantify each target compound.</p>
Chromatographic Conditions	The acquisition methods Carbaryl.M and Carbaryl14.M are included in the Calibration Curve Chromatograms section of this report.
QC Notes	<p>Carbaryl was not identified above the MDL in the analysis of the reagent blank or the client blank (MB-1).</p> <p>A desorption efficiency study was performed. Four XAD tubes were spiked with 15 µg of carbaryl and desorbed whole using 5 mL of acetonitrile. The recovery values ranged from 81.9% to 92.3%, with an average value of 86.2%.</p>
Reporting Notes	The results presented in this report are representative of the samples as provided to the laboratory.



General Reporting Notes

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc. data reports, unless specifically noted otherwise.

- The acronym **MDL** represents the Minimum Detection Limit. Below this value the laboratory cannot determine the presence of the analyte of interest reliably.
- The acronym **LOQ** represents the Limit of Quantification. Below this value the laboratory cannot quantitate the analyte of interest within the criteria of the method.
- The acronym **ND** following a value indicates a non-detect or analytical result below the MDL.
- The letter **J** following a value indicates an analytical result between the MDL and the LOQ. A J flag indicates that the laboratory can positively identify the analyte of interest as present, but the value should be considered an estimate.
- The letter **E** following a value indicates an analytical result exceeding 100% of the highest calibration point. The associated value should be considered as an estimate.
- The acronym **DF** represents Dilution Factor. This number represents dilution of the sample during the preparation and/or analysis process. The analytical result taken from a laboratory instrument is multiplied by the DF to determine the final undiluted sample results.
- The addition of **MS** to the Sample ID represents a Matrix Spike. An aliquot of an actual sample is spiked with a known amount of analyte so that a percent recovery value can be determined. This shows what effect the sample matrix may have on the target analyte, i.e. whether or not anything in the sample matrix interferes with the analysis of the analyte(s).
- The addition of **MSD** to the Sample ID represents a Matrix Spike Duplicate. Prepared in the same manner as an MS, the use of duplicate matrix spikes allows further confirmation of laboratory quality by showing the consistency of results gained by performing the same steps multiple times.
- The addition of **LD** to the Sample ID represents a Laboratory Duplicate. The analyst prepares an additional aliquot of sample for testing and the results of the duplicate analysis are compared to the initial result. The result should have a difference value of within 10% of the initial result (if the results of the original analysis are greater than the LOQ).
- The addition of **AD** to the Sample ID represents an Alternate Dilution. The analyst prepares an additional aliquot at a different dilution factor (usually double the initial factor). This analysis helps confirm that no additional compound is present and coeluting or sharing absorbance with the analyte of interest, as they would have a different response/absorbance than the analyte of interest.
- The Sample ID **LCS** represents a Laboratory Control Sample. Clean matrix, similar to the client sample matrix, prepared and analyzed by the laboratory using the same reagents, spiking standards and procedures used for the client samples. The LCS is used to assess the control of the laboratory's analytical system. Whenever spikes are prepared for our client projects, two extra spikes are prepared. The extras (randomly chosen) are labeled with the associated project number and kept in-house at the appropriate temperature conditions. When the project samples are received for analysis, the LCSs are analyzed to confirm that the analyte could be recovered from the media, separate from the samples which were used on the project and which may have been affected by source matrix, sample collection and/or sample transport.



General Reporting Notes

(continued)

- **Significant Figures:** Where the reported value is much greater than unity (1.00) in the units expressed, the number is rounded to a whole number of units, rather than to 3 significant figures. For example, a value of 10,456.45 ug catch is rounded to 10,456 ug. There are five significant digits displayed, but no confidence should be placed on more than two significant digits.
- **Manual Integration:** The data systems used for processing will flag manually integrated peaks with an “M”. There are several reasons a peak may be manually integrated. These reasons will be identified by the following two letter designations. The peak was *not integrated* by the software “**NI**”, the peak was *integrated incorrectly* by the software “**II**” or the *wrong peak* was integrated by the software “**WP**”. These codes will accompany the analyst’s manual integration stamp placed next to the compound name.



Sample Custody



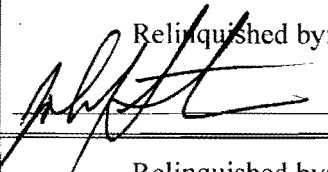
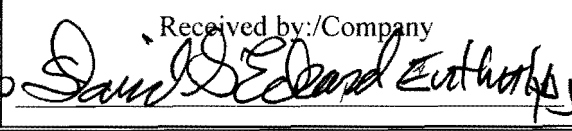
Enthalpy Analytical, Inc.
2202 Ellis Rd.
Durham, NC 27703

Chain Of Custody

Phone: 919/850-4392
Fax: 919/850-9012
Email: Bryan.Tyler@enthalpy.com

Site/Company: ITEM I	Purchase Order No.: _____	Analytical Methods/Notes: _____	Sampled by: JTS, ET
Address: 1955 Evergreen Blvd	Job No.: _____	Pesticide (Carbaryl)	Company: ITEM I
STE 200, Duluth GA	Contact: Jessica Vickers	PAH, Pyrethrins	Custody Seal #: _____

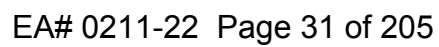
Sample Identification	Date	Start time	Stop time	Media/Vol.	Analytical Parameters	Notes
30096 A P01 - WAR	02/04/11	1303	1703	Kad-2	Carbaryl	
A H01 - WAR	02/04/11	1303	1703	"	PAH, Pyrethrins	
A P02 - WAR	02/04/11	1310	1655 ^{JTS}	"	Carbaryl	
A H02 - WAR	02/04/11	1310	1655 ^{JTS}	"	PAH, Pyrethrins	
A P03 - WAR	02/04/11	1313	1713	"	Carbaryl	
A H03 - WAR	02/04/11	1313	1713	"	PAH, Pyrethrins	
A P04 - WAR	02/04/11	1345	1745	"	Carbaryl	
A H04 - WAR	02/04/11	1345	1745	"	PAH, Pyrethrins	
MB X 2	02/04/11	-	-	"		Method / media Blank

Relinquished by: / Company  ITEM I	Date/Time 02/04/11 2100	Received by: / Company  Enthalpy	Date/Time 02/04/11 2100
Relinquished by: / Company /	Date/Time /	Received by: / Lab /	Date/Time /

Page ____ of ____

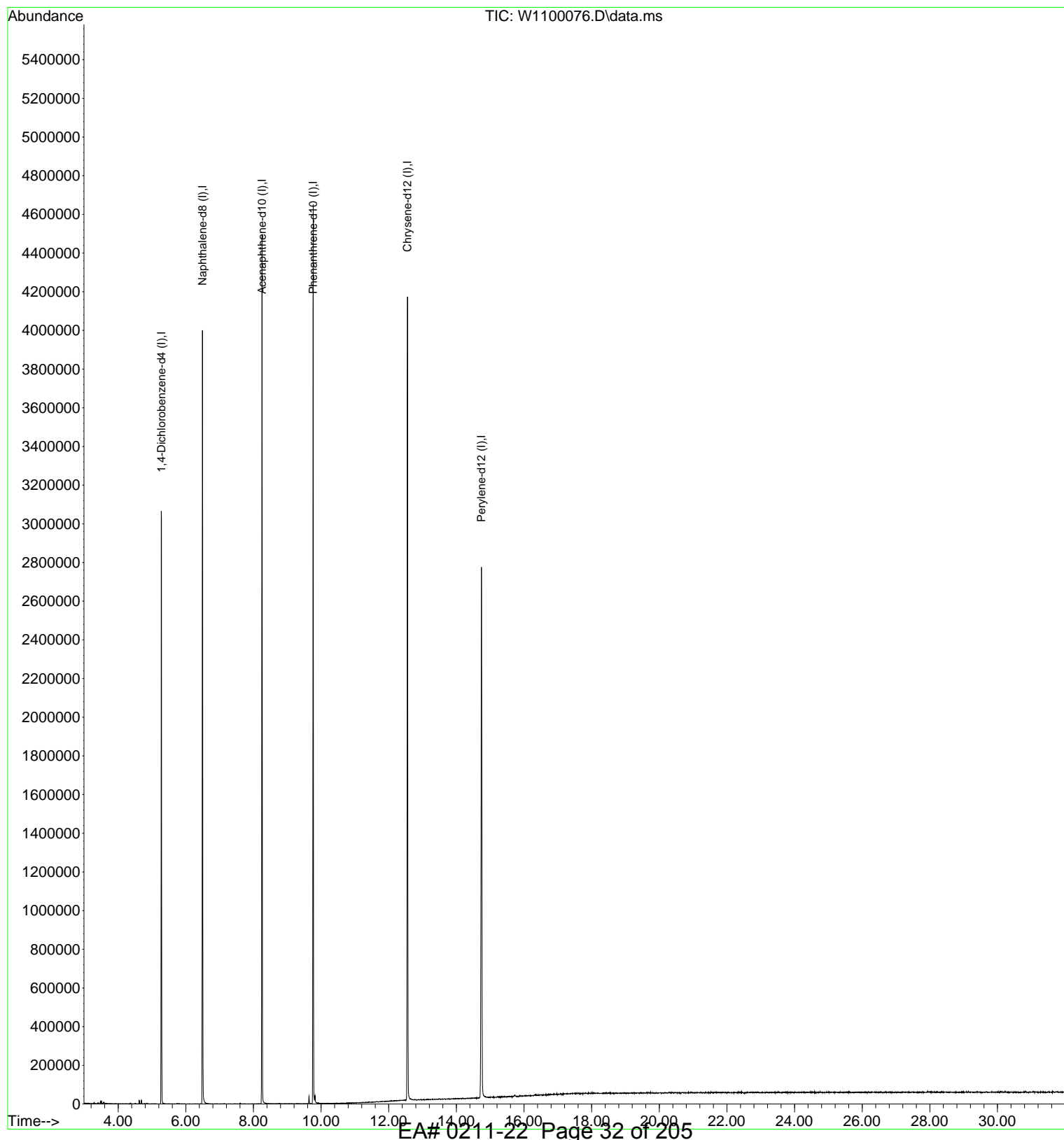


***Uec p+**



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100076.D
Acq On : 5 Feb 2011 11:56 am
Operator : tdd
Sample : 0211-22 AH01-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 05 12:35:02 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	511248	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1831872	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	1052645	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1876619	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	1903724	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	1824032	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

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 Quant Title : 8270C - Full List
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

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None Detected

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

Peak Number 1 2-Heptanol, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
3.286	0.10 µg/mL	7739	1,4-Dichlorobenzene-d4 (I)			5.279
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Heptanol, 6-methyl-		130	C8H18O	004730-22-7	36
2	2-Nonanol		144	C9H20O	000628-99-9	36
3	2-Heptanol, 5-methyl-		130	C8H18O	054630-50-1	36
4	1-Pentanamine		87	C5H13N	000110-58-7	9
5	1-Pentanamine		87	C5H13N	000110-58-7	9

Peak Number 2 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.404	0.10 µg/mL	7285	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	50
2	Toluene	92	C7H8	000108-88-3	50
3	1-Cyclopentene, 1-(methylenecyclo...	120	C9H12	1000153-40-5	40
4	Phenylethyl Alcohol	122	C8H10O	000060-12-8	36
5	Zirconium, bis(methylbenzene)-	274	C14H16Zr	1000102-43-3	32

Peak Number 3 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.473	0.15 µg/mL	11788	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	72
2	3-Hexanone	100	C6H12O	000589-38-8	64
3	3-Hexanone	100	C6H12O	000589-38-8	64
4	3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	50
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	50

Peak Number 4 Methyl Isobutyl Ketone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.506	0.19 µg/mL	14760	1,4-Dichlorobenzene-d4 (I)	5.279	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	59
2	2-Hexanone	100	C6H12O	000591-78-6	50
3	2-Hexanone	100	C6H12O	000591-78-6	38

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TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

4 Methyl Isobutyl Ketone 100 C6H12O 000108-10-1 37
5 3-Oxetanol, 2,2,3-trimethyl- 116 C6H12O2 025910-96-7 36

Peak Number 5 3-Hexanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.564	0.11 µg/mL	8058	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	45	
2	3-Hexanol	102	C6H14O	000623-37-0	42	
3	3-Hexanol	102	C6H14O	000623-37-0	42	
4	3-Octanol	130	C8H18O	020296-29-1	36	
5	3-Hexanol	102	C6H14O	000623-37-0	33	

Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.580	0.12 µg/mL	9519	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38	
2	2-Hexanol	102	C6H14O	000626-93-7	12	
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	12	
4	Methane, nitroso-	45	CH3NO	000865-40-7	9	
5	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	9	

Peak Number 7 Butanoic acid, 3-oxo-, 1-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.360	0.11 µg/mL	8379	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-oxo-, 1-methyle...	144	C7H12O3	000542-08-5	38	
2	Lactic acid, 2-methyl-, monoanhy...	170	C8H15BO3	024372-02-9	35	
3	Butanoic acid, 3-oxo-, 1-methyle...	144	C7H12O3	000542-08-5	23	
4	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	17	
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	10	

Peak Number 8 Oxirane, 2-methyl-3-propyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	0.25 µg/mL	19091	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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TIC Integration Parameters: rteint.p

1 Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	53
2 Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
3 Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
4 1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	38
5 Hexane, 2-methyl-	100	C7H16	000591-76-4	37

Peak Number 9 Pentanoic acid, 2,2-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.25 µg/mL	19230	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanoic acid, 2,2-dimethyl-, e...	156	C9H16O2	044970-05-0	43
2		1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	43
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	43
4		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	43
5		Ether, hexyl isopropyl	144	C9H20O	018636-65-2	38

Peak Number 10 2-Pentene, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	0.07 µg/mL	5361	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	38
2		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	9
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	9
5		2-Hexene, 4,4,5-trimethyl-	126	C9H18	055702-61-9	9

Peak Number 11 2-Octyne Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	0.06 µg/mL	4249	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octyne	110	C8H14	002809-67-8	35
2		2-Hexyn-1-ol	98	C6H10O	000764-60-3	25
3		1,2-Pentadiene, 4,4-dimethyl-	96	C7H12	026981-77-1	17
4		1-Methyl-3-butenyl 3-methyl-3-hy...	172	C10H20O2	1000139-77-4	12
5		1-Heptanethiol	132	C7H16S	001639-09-4	10

Peak Number 12 3-Furancarboxylic acid, 2-m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
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7.608	0.05 µg/mL	6218	Acenaphthene-d10 (I)	8.255		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Furancarboxylic acid, 2-methyl...	140	C7H8O3	006141-58-8	16	
2	Ethane, 1,1'-selenobis-	138	C4H10Se	000627-53-2	9	
3	Phenol, 2-amino-	109	C6H7NO	000095-55-6	9	
4	Bicyclo[2.2.1]hept-2-en-2-amine, ...	137	C9H15N	041455-23-6	9	
5	4-Methoxybenzene-1,2-diol	140	C7H8O3	003934-97-2	9	

 Peak Number 13 Thiocyanic acid, 2-benzothi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.644	0.35 µg/mL	40770	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
2		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45
3		Bitoscanate	192	C8H4N2S2	004044-65-9	42
4		1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	42
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	40

 Peak Number 14 Phenanthrene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.820	0.39 µg/mL	45592	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	64
2		Anthracene-d10-	188	C14D10	001719-06-8	64
3		Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	42
4		4-Fluoro-6-methyl-2-phenylpyrimi...	188	C11H9FN2	051421-92-2	36
5		2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	33

 Peak Number 15 1,4-Methanonaphthalene-2,2,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.729	0.07 µg/mL	8710	Perylene-d12 (I)	14.740		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Methanonaphthalene-2,2,3,3-t...	408	C28H16N4	055723-86-9	50
2		3,4-Dihydroisoquinoline, 1-[3-me...	281	C18H19NO2	1000126-16-1	46
3		1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	43
4		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	43
5		Benzene, 1,2-bis(2-pyridin-2-yle...	280	C20H12N2	1000190-86-5	38

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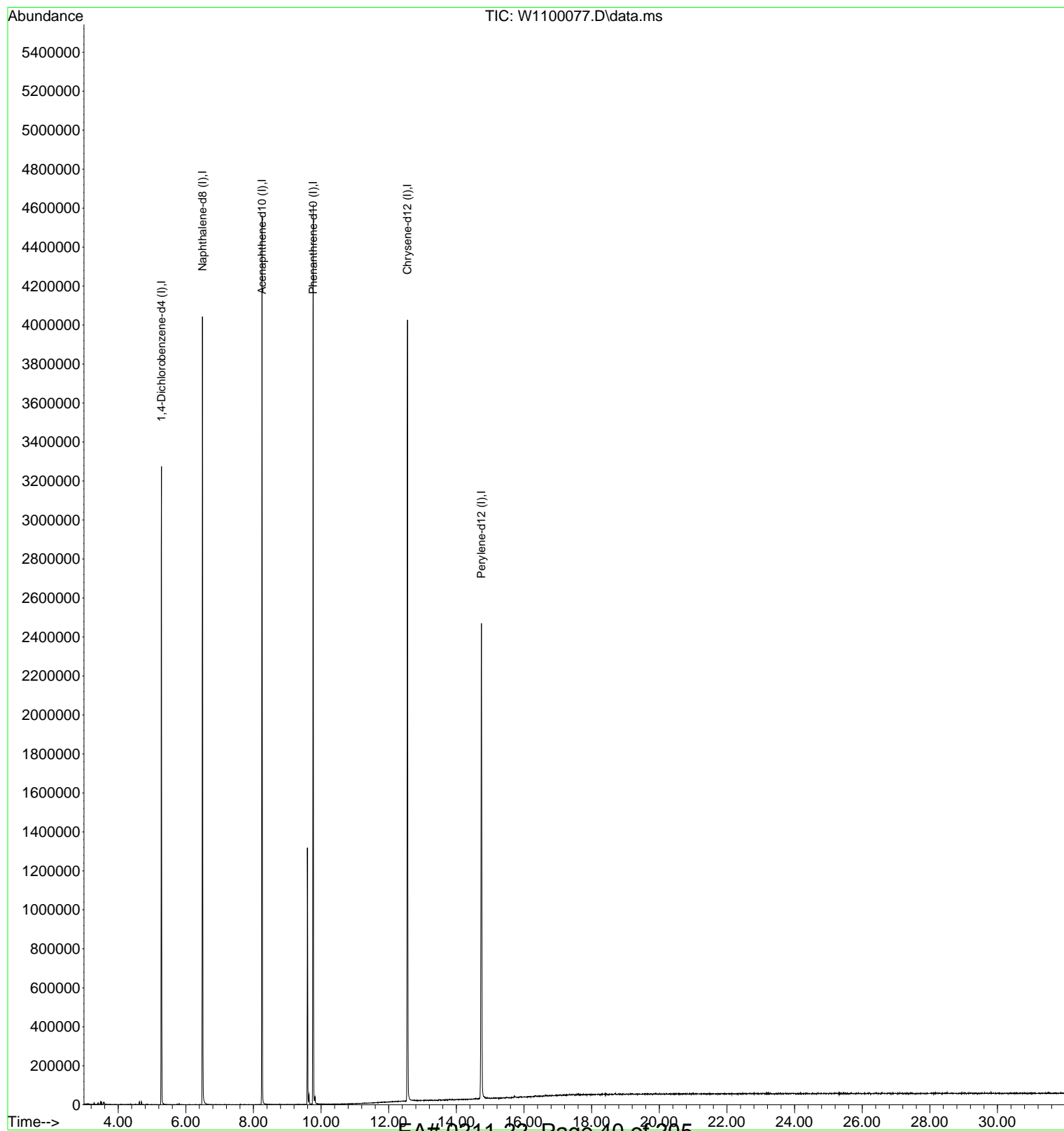
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TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Heptanol, 6-m...	3.286	0.1	µg/mL	7739	1	5.279	3065420	40.0
Toluene	3.404	0.1	µg/mL	7285	1	5.279	3065420	40.0
3-Hexanone	3.473	0.2	µg/mL	11788	1	5.279	3065420	40.0
Methyl Isobutyl...	3.506	0.2	µg/mL	14760	1	5.279	3065420	40.0
3-Hexanol	3.564	0.1	µg/mL	8058	1	5.279	3065420	40.0
2-Pentanol, 4-m...	3.580	0.1	µg/mL	9519	1	5.279	3065420	40.0
Butanoic acid, ...	4.360	0.1	µg/mL	8379	1	5.279	3065420	40.0
Oxirane, 2-meth...	4.622	0.2	µg/mL	19091	1	5.279	3065420	40.0
Pentanoic acid,...	4.686	0.3	µg/mL	19230	1	5.279	3065420	40.0
2-Pentene, 2,4-...	4.846	0.1	µg/mL	5361	1	5.279	3065420	40.0
2-Octyne	5.803	0.1	µg/mL	4249	1	5.279	3065420	40.0
3-Furancarboxyl...	7.608	0.1	µg/mL	6218	3	8.255	4531620	40.0
Thiocyanic acid...	9.644	0.4	µg/mL	40770	4	9.767	4621730	40.0
Phenanthrene-d10	9.820	0.4	µg/mL	45592	4	9.767	4621730	40.0
1,4-Methanonaph...	15.729	0.1	µg/mL	8710	6	14.740	4819940	40.0

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100077.D
Acq On : 5 Feb 2011 12:42 pm
Operator : tdd
Sample : 0211-22 AH02-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 05 13:32:43 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
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 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	542041	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1869760	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	1057192	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1879618	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	1842447	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	1615112	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

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 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

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Sample : 0211-22 AH02-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 9 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

Peak Number 1 2-Hexanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.286	0.12 µg/mL	9162	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	42
2	2-Hexanol		102	C6H14O	000626-93-7	36
3	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	36
4	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	33
5	2-Octanol, (R)-		130	C8H18O	005978-70-1	28

Peak Number 2 Toluene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.404	0.12 µg/mL	9510	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	58
2	Toluene	92	C7H8	000108-88-3	58
3	Toluene	92	C7H8	000108-88-3	58
4	Toluene	92	C7H8	000108-88-3	58
5	Toluene	92	C7H8	000108-88-3	53

Peak Number 3 3-Hexanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.473	0.17 µg/mL	13118	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	64
2	3-Hexanone	100	C6H12O	000589-38-8	59
3	3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	56
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	50

Peak Number 4 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
3.506	0.20 µg/mL	16256	1,4-Dichlorobenzene-d4 (I)			5.279
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexanone		100	C6H12O	000591-78-6	72
2	2-Hexanone		100	C6H12O	000591-78-6	72
3	2-Hexanone		100	C6H12O	000591-78-6	64

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100077.D
Acq On : 5 Feb 2011 12:42 pm
Operator : tdd
Sample : 0211-22 AH02-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 9 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

4 Oxirane, 2-methyl-2-(1-methylethyl)- 100 C6H12O 072221-03-5 64
5 2-Hexanone, 4-hydroxy-3-propyl- 158 C9H18O2 062338-17-4 56

Peak Number 5 3-Hexanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.564	0.14 µg/mL	11253	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol		102	C6H14O	000623-37-0	50
2	3-Hexanol		102	C6H14O	000623-37-0	50
3	3-Hexanol		102	C6H14O	000623-37-0	50
4	3-Hexanol		102	C6H14O	000623-37-0	45
5	3-Hexanol		102	C6H14O	000623-37-0	45

Peak Number 6 2-Heptanol, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.586	0.17 µg/mL	13386	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol, 3-methyl-		130	C8H18O	031367-46-1	40
2	2-Heptanol, 6-methyl-, acetate		130	C8H18O	067952-57-2	9
3	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	9
4	2-Octanol		130	C8H18O	000123-96-6	9
5	2-Heptanol, 3-methyl-		130	C8H18O	031367-46-1	9

Peak Number 7 Carbamic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.366	0.09 µg/mL	7491	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, methyl ester		75	C2H5NO2	000598-55-0	9
2	Ethanol, 2-methoxy-, acetate		118	C5H10O3	000110-49-6	9
3	4-Octanone		128	C8H16O	000589-63-9	9
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	9
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	9

Peak Number 8 Hexane, 3-bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.627	0.18 µg/mL	14107	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100077.D
Acq On : 5 Feb 2011 12:42 pm
Operator : tdd
Sample : 0211-22 AH02-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 9 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

1 Hexane, 3-bromo	164	C6H13Br	003377-87-5	47
2 Heptane, 3-methyl-	114	C8H18	000589-81-1	38
3 1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	38
4 Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
5 Acetohydroxamic Acid	75	C2H5NO2	000546-88-3	38

Peak Number 9 Ether, hexyl isopropyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.18 µg/mL	14276	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ether, hexyl isopropyl	144	C9H20O	018636-65-2	38
2		Hexane, 2-nitro-	131	C6H13NO2	014255-44-8	38
3		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	35
4		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	32
5		Diallylmethylsilane	126	C7H14Si	002043-08-5	28

Peak Number 10 Isoxazole, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	0.08 µg/mL	6698	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	28
2		2-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-4	9
3		1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	1000215-95-6	4
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	4
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	4

Peak Number 11 Dodecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	0.08 µg/mL	6479	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanal	184	C12H24O	000112-54-9	25
2		4-Heptenal, (Z)-	112	C7H12O	006728-31-0	25
3		Oxirane, octyl-	156	C10H20O	002404-44-6	23
4		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	17
5		1,7-Heptanediol	132	C7H16O2	000629-30-1	17

Peak Number 12 Naphthalene, 2-isothiocyanato- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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9.596	10.84	µg/mL	1246330	Phenanthrene-d10 (I)	9.767	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	95
2		Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	90
3		Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	64
4		1,2,4-Triazolo[4,3-a]pyridine-3(...	185	C6H4ClN3S	022841-91-4	59
5		1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47

isomer

~~Peak Number 13 1,3-Benzodioxole, 4-methoxy... Concentration Rank 2~~

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.644	0.51 µg/mL	59026	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	58
2		Bitoscanate	192	C8H4N2S2	004044-65-9	53
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	50
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	50
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	50

Peak Number 14 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.820	0.49 µg/mL	56214	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	81
2		Phenanthrene-d10	188	C14D10	001517-22-2	64
3		Nalidixic Acid	232	C12H12N2O3	000389-08-2	53
4		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	50
5		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	50

Peak Number 15 1,3-Dioxolo[4,5-b]acridin-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.019	0.07 µg/mL	7994	Perylene-d12 (I)	14.740		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Dioxolo[4,5-b]acridin-10(5H)...	283	C16H13NO4	000477-82-7	12
2		2,5-Dimethylbenzophenone	210	C15H14O	004044-60-4	9
3		1,3-Dioxolo[4,5-b]acridin-10(5H)...	283	C16H13NO4	000477-82-7	9
4		Benzoic acid, 2-[(trimethylsilyl)...	224	C11H16O3Si	018001-14-4	9
5		7-Acetylamino-(1,2:3,4)bis(oxadi...	251	C8H5N5O5	1000147-69-7	9

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Hexanol	3.286	0.1	µg/mL	9162	1	5.279	3173630	40.0
Toluene	3.404	0.1	µg/mL	9510	1	5.279	3173630	40.0
3-Hexanone	3.473	0.2	µg/mL	13118	1	5.279	3173630	40.0
2-Hexanone	3.506	0.2	µg/mL	16256	1	5.279	3173630	40.0
3-Hexanol	3.564	0.1	µg/mL	11253	1	5.279	3173630	40.0
2-Heptanol, 3-m...	3.586	0.2	µg/mL	13386	1	5.279	3173630	40.0
Carbamic acid, ...	4.366	0.1	µg/mL	7491	1	5.279	3173630	40.0
Hexane, 3-bromo-	4.627	0.2	µg/mL	14107	1	5.279	3173630	40.0
Ether, hexyl is...	4.686	0.2	µg/mL	14276	1	5.279	3173630	40.0
Isoxazole, 5-me...	4.846	0.1	µg/mL	6698	1	5.279	3173630	40.0
Dodecanal	5.803	0.1	µg/mL	6479	1	5.279	3173630	40.0
Naphthalene, 2-...	9.596	10.8	µg/mL	1246330	4	9.767	4598700	40.0
1,3-Benzodioxol...	9.644	0.5	µg/mL	59026	4	9.767	4598700	40.0
Anthracene-d10-	9.820	0.5	µg/mL	56214	4	9.767	4598700	40.0
1,3-Dioxolo[4,5...	14.019	0.1	µg/mL	7994	6	14.740	4268830	40.0

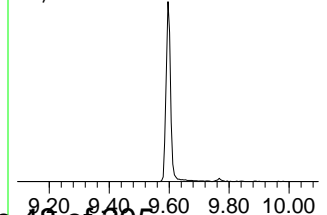
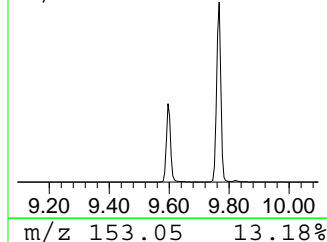
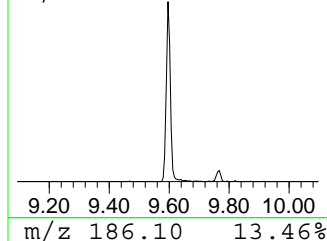
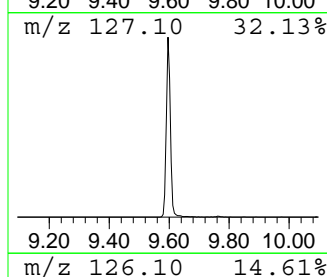
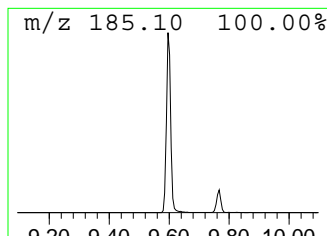
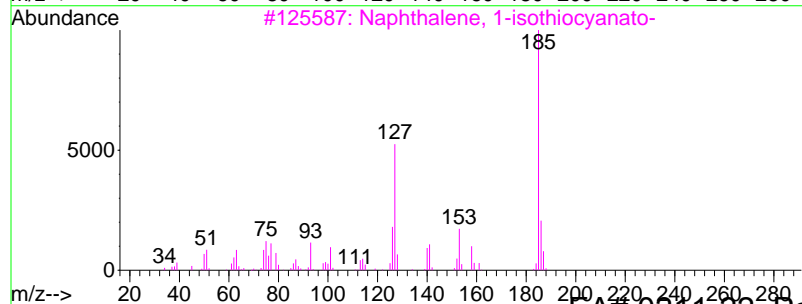
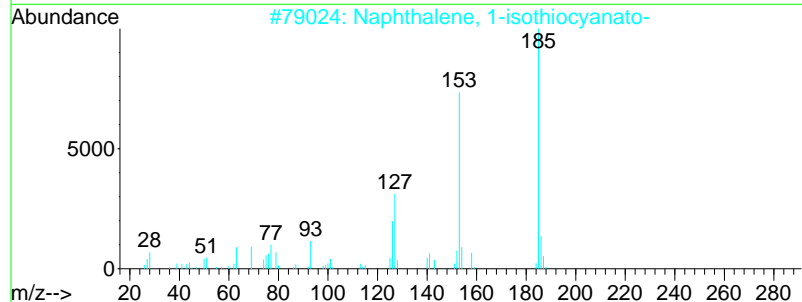
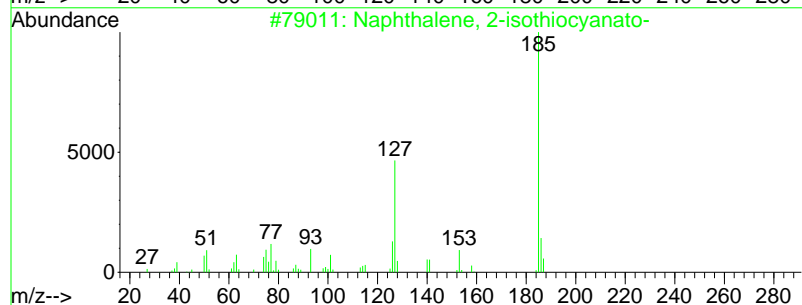
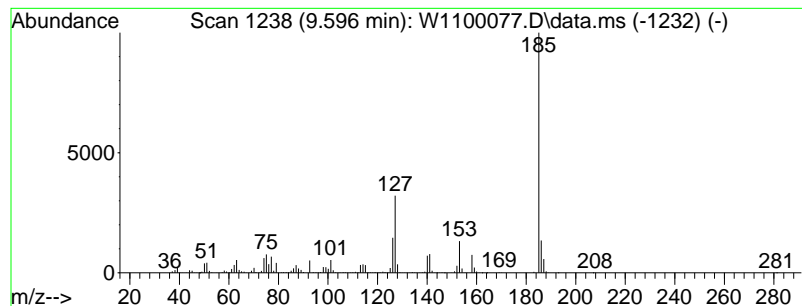
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Data File : W1100077.D
Acq On : 5 Feb 2011 12:42 pm
Operator : tdd
Sample : 0211-22 AH02-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 9 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

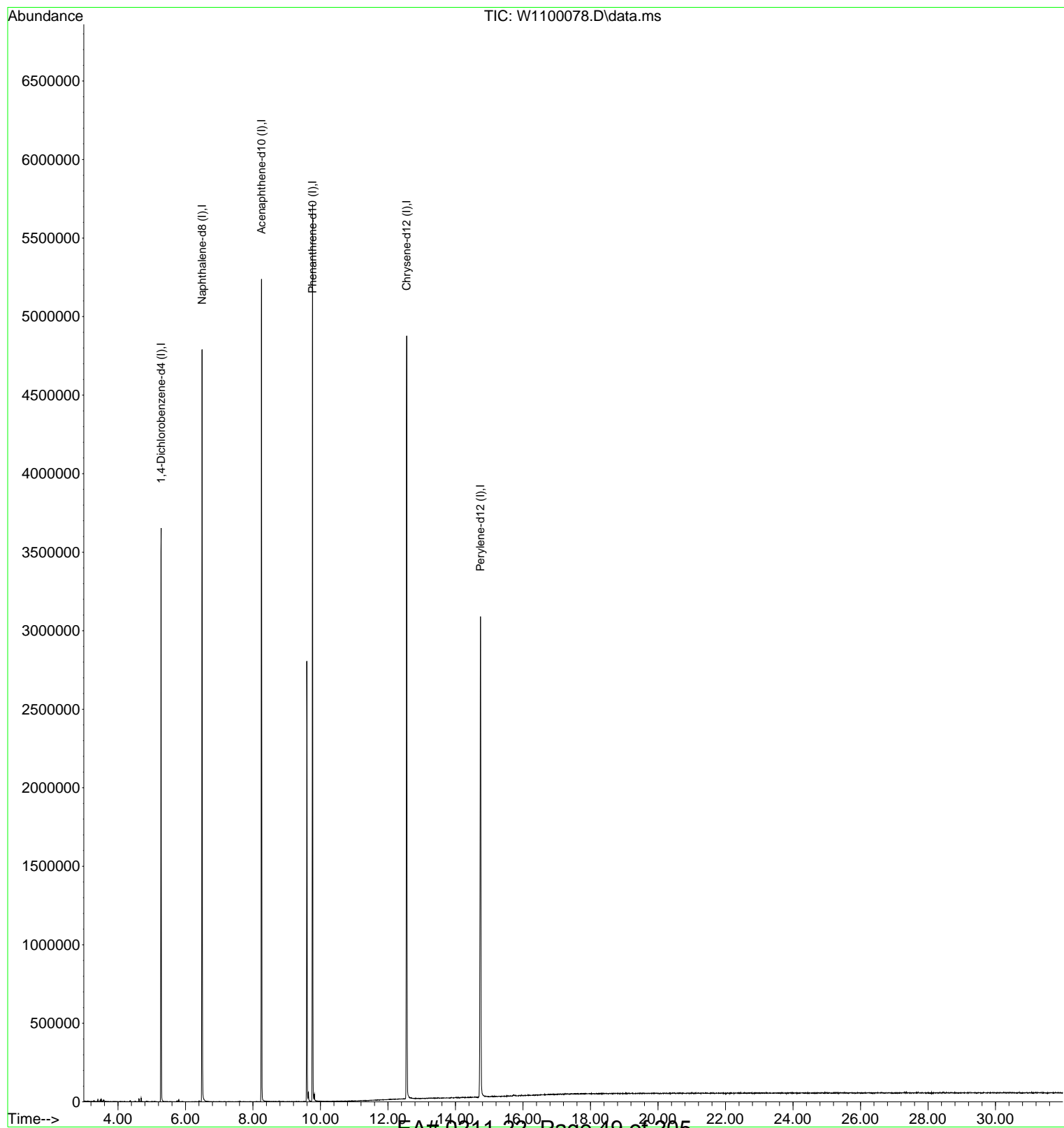
Peak Number 12 Naphthalene, 2-isothiocyanato- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.596	10.84 µg/mL	1246330	Phenanthrene-d10 (I)			9.767
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual	
1	Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	95	
2	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	90	
3	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	64	
4	1,2,4-Triazolo[4,3-a]pyridine-3(...	185	C6H4ClN3S	022841-91-4	59	
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47	



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 05 13:58:49 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100078.D
 Acq On : 5 Feb 2011 1:28 pm
 Operator : tdd
 Sample : 0211-22 AH03-WAR
 Misc : Hexane Desorb Solvent
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 05 13:58:49 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	610752	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	2155305	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	1243650	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	2251820	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	2217054	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	2053987	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100078.D
 Acq On : 5 Feb 2011 1:28 pm
 Operator : tdd
 Sample : 0211-22 AH03-WAR
 Misc : Hexane Desorb Solvent
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 05 13:58:49 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.	d	
70) Anthracene	0.000		0	N.D.	d	
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

~~Peak Number 1 2 Pentanol, formate Concentration Rank 13~~

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.292	0.10 µg/mL	8921	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanol, formate	116	C6H12O2	058368-66-4	36
2		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3		2-Hexanol	102	C6H14O	000626-93-7	9
4		2-Pentanol	88	C5H12O	006032-29-7	9
5		5-Methyl-1-hepten-4-ol	128	C8H16O	099328-46-8	9

Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.404	0.18 µg/mL	15898	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	80
2	Toluene	92	C7H8	000108-88-3	72
3	Toluene	92	C7H8	000108-88-3	72
4	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	64
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64

Peak Number 3 3-Hexanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.474	0.14 µg/mL	13009	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	72
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	50
3	3-Hexanone	100	C6H12O	000589-38-8	45
4	3-Isopropyl-5-methylhexan-2-one	156	C10H20O	1000202-22-7	38
5	Decane, 4-methyl-	156	C11H24	002847-72-5	38

Peak Number 4 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.506	0.19 µg/mL	17179	1,4-Dichlorobenzene-d4 (I)	5.279	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	64
2	2-Hexanone	100	C6H12O	000591-78-6	64
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

4 Methyl Isobutyl Ketone 100 C6H12O 000108-10-1 53
5 Methyl Isobutyl Ketone 100 C6H12O 000108-10-1 47

Peak Number 5 3-Hexanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.564	0.12 µg/mL	10687	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanol	102	C6H14O	000623-37-0	64
2		3-Hexanol	102	C6H14O	000623-37-0	59
3		Amylene Hydrate	88	C5H12O	000075-85-4	50
4		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
5		3-Hexanol	102	C6H14O	000623-37-0	45

Peak Number 6 Diisopropyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.586	0.17 µg/mL	15258	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diisopropyl ether	102	C6H14O	000108-20-3	9
2		3-(1-Ethoxy-ethoxy)-butyraldehyde	160	C8H16O3	116616-30-9	9
3		2-Octanol, (S)-	130	C8H18O	006169-06-8	9
4		Ethylamine	45	C2H7N	000075-04-7	5
5		Formamide	45	CH3NO	000075-12-7	5

Peak Number 7 N,N'-Diacetylenediamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.360	0.17 µg/mL	15185	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N,N'-Diacetylenediamine	144	C6H12N2O2	000871-78-3	12
2		3-Oxobutyric acid, 2-hydroxyethyl-	146	C6H10O4	1000210-13-5	12
3		Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9
4		Nonane, 5-methyl-	142	C10H22	015869-85-9	9
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	9

Peak Number 8 5-Iodopentan-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	0.19 µg/mL	17489	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

1	5-Iodopentan-2-one	212	C5H9IO	003695-29-2	37
2	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	32
3	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	28
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	27
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	27

Peak Number 9 Diallylmethylsilane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.24 µg/mL	21938	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diallylmethylsilane	126	C7H14Si	002043-08-5	59
2		Hexane, 2-iodo-	212	C6H13I	018589-27-0	47
3		Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	40
4		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	40
5		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	38

Peak Number 10 Pentane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	0.09 µg/mL	7903	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	9
2		2-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-1	9
3		2,5-Dihydro-5-methoxy-2-furanone	114	C5H6O3	010449-66-8	9
4		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	9
5		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-65-2	9

Peak Number 11 Nonanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	0.14 µg/mL	12524	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonanal	142	C9H18O	000124-19-6	58
2		Nonanal	142	C9H18O	000124-19-6	53
3		Nonanal	142	C9H18O	000124-19-6	47
4		Nonanal	142	C9H18O	000124-19-6	47
5		Cyclohexanecarbonitrile, 1-hydroxy-	125	C7H11NO	000931-97-5	27

Peak Number 12 Naphthalene, 2-isothiocyanato- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

9.596	19.46 µg/mL	2662460	Phenanthrene-d10 (I)	9.767		
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual	
1	Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	95	isomer
2	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	83	
3	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	58	
4	1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47	
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	185	C6H4ClN3S	022841-91-4	45	

Peak Number 13 Phenanthrene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.644	0.51 µg/mL	69856	Phenanthrene-d10 (I)			9.767
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-		192	C15H12	000883-20-5	53
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	53
3	Bitoscanate		192	C8H4N2S2	004044-65-9	45
4	1,2-Phenylene diisothiocyanate		192	C8H4N2S2	071105-17-4	45
5	1H-Indene, 3-phenyl-		192	C15H12	001961-97-3	42

Peak Number 14 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.820	0.41 µg/mL	56666	Phenanthrene-d10 (I)			9.767
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene-d10		188	C14D10	001517-22-2	87
2	Anthracene-d10-		188	C14D10	001719-06-8	80
3	2-Isoxazoline, 3-mesityl-5-pheny...		297	C18H19NOS	1000164-78-1	38
4	Cyclohexanone, phenylhydrazone		188	C12H16N2	000946-82-7	33
5	3-Amino-4-methyl-6-methoxyquinoline		188	C11H12N2O	1000213-71-3	9

Peak Number 15 Spiro-3-(2-butyl-2,4-diazab... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.723	0.09 µg/mL	11761	Perylene-d12 (I)	14.740	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro-3-(2-butyl-2,4-diazabicycl...	250	C15H26N2O	1000194-74-4	25
2	2,3,4-Trimethoxyphenylacetonitrile	207	C11H13NO3	068913-85-9	22
3	4H-Dibenzo[de,g]quinoline, 5,6,6...	281	C18H19NO2	004846-19-9	17
4	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	16
5	1,3-Bis(trimethylsilyl)benzene	222	C12H22Si2	002060-89-1	12

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100078.D
 Acq On : 5 Feb 2011 1:28 pm
 Operator : tdd
 Sample : 0211-22 AH03-WAR
 Misc : Hexane Desorb Solvent
 ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanol, for...	3.292	0.1	µg/mL	8921	1	5.279	3601110	40.0
Toluene	3.404	0.2	µg/mL	15898	1	5.279	3601110	40.0
3-Hexanone	3.474	0.1	µg/mL	13009	1	5.279	3601110	40.0
2-Hexanone	3.506	0.2	µg/mL	17179	1	5.279	3601110	40.0
3-Hexanol	3.564	0.1	µg/mL	10687	1	5.279	3601110	40.0
Diisopropyl ether	3.586	0.2	µg/mL	15258	1	5.279	3601110	40.0
N,N'-Diacetylet...	4.360	0.2	µg/mL	15185	1	5.279	3601110	40.0
5-Iodopentan-2-one	4.622	0.2	µg/mL	17489	1	5.279	3601110	40.0
Diallylmethylsi...	4.686	0.2	µg/mL	21938	1	5.279	3601110	40.0
Pentane, 2-methyl-	4.852	0.1	µg/mL	7903	1	5.279	3601110	40.0
Nonanal	5.803	0.1	µg/mL	12524	1	5.279	3601110	40.0
Naphthalene, 2-...	9.596	19.5	µg/mL	2662460	4	9.767	5472250	40.0
Phenanthrene, 9...	9.644	0.5	µg/mL	69856	4	9.767	5472250	40.0
Phenanthrene-d10	9.820	0.4	µg/mL	56666	4	9.767	5472250	40.0
Spiro-3-(2-buty...	15.723	0.1	µg/mL	11761	6	14.740	5494360	40.0

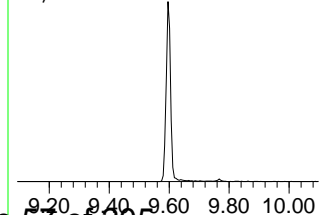
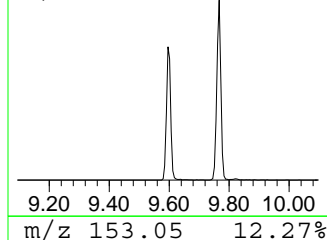
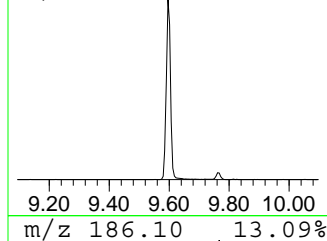
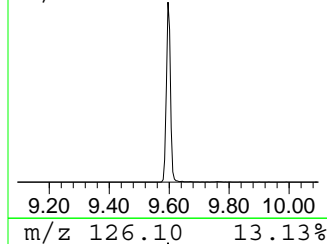
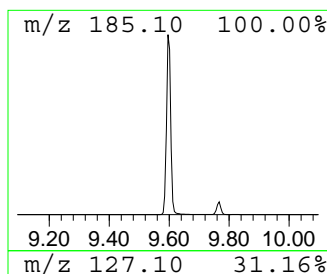
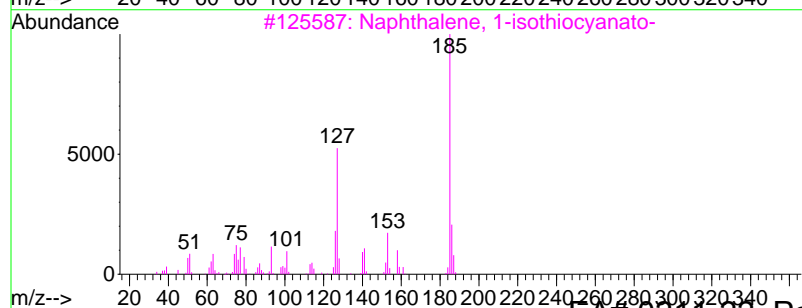
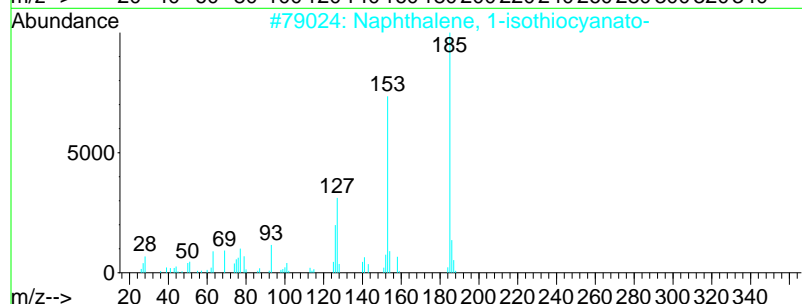
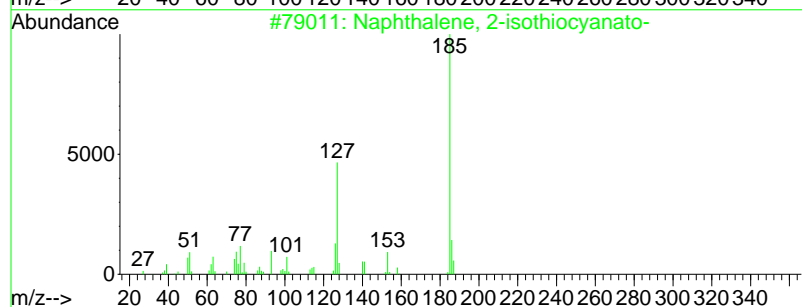
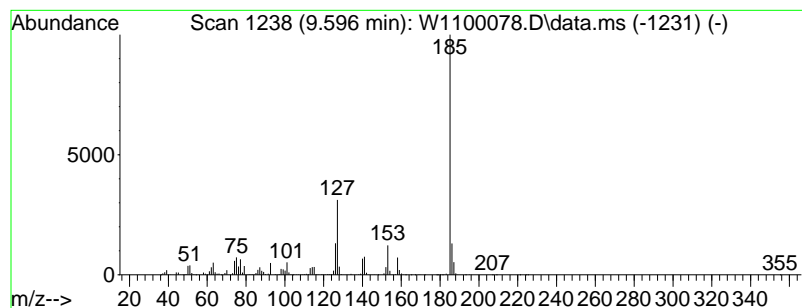
Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100078.D
Acq On : 5 Feb 2011 1:28 pm
Operator : tdd
Sample : 0211-22 AH03-WAR
Misc : Hexane Desorb Solvent
ALS Vial : 10 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

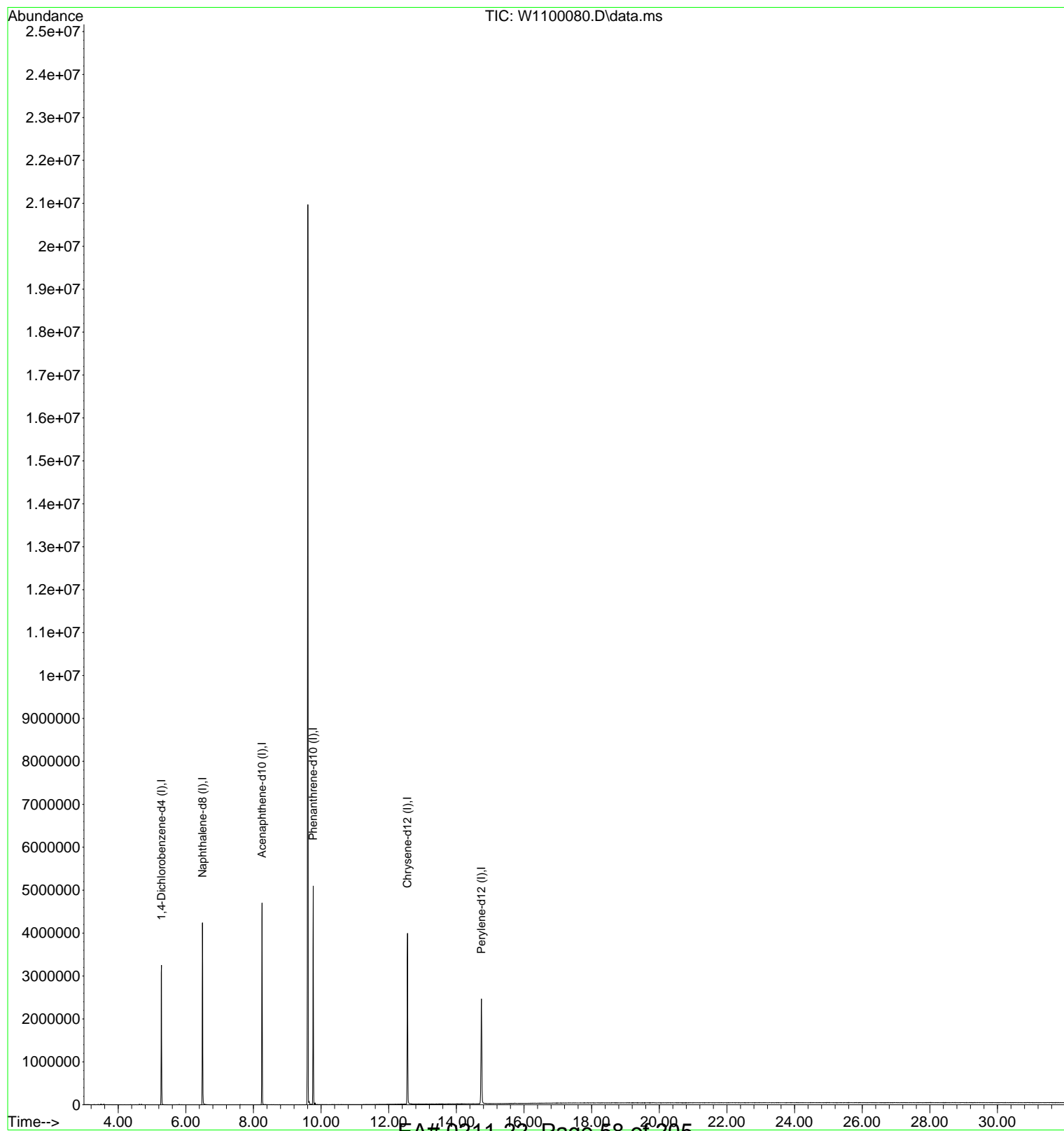
Peak Number 12 Naphthalene, 2-isothiocyanato- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.596	19.46 µg/mL	2662460	Phenanthrene-d10 (I)			9.767
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual	
1	Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	95	
2	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	83	
3	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	58	
4	1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47	
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	185	C6H4ClN3S	022841-91-4	45	



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100080.D
Acq On : 5 Feb 2011 3:00 pm
Operator : tdd
Sample : 0211-22 AH04-WAR ~~LD~~
Misc : Hexane Desorb Solvent
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 07 06:44:18 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100080.D
 Acq On : 5 Feb 2011 3:00 pm
 Operator : tdd
 Sample : 0211-22 AH04-WAR-~~LD~~
 Misc : Hexane Desorb Solvent
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 07 06:44:18 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	544166	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1918368	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	1093220	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1890299	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	1815098	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	1628211	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100080.D
 Acq On : 5 Feb 2011 3:00 pm
 Operator : tdd
 Sample : 0211-22 AH04-WAR ~~LD~~
 Misc : Hexane Desorb Solvent
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 07 06:44:18 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100080.D
Acq On : 5 Feb 2011 3:00 pm
Operator : tdd
Sample : 0211-22 AH04-WAR-1D
Misc : Hexane Desorb Solvent
ALS Vial : 12 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

Peak Number 1 2 Octanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.286	0.10 µg/mL	7792	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	38
2	2-Nonanol	144	C9H20O	000628-99-9	38
3	2-Nonanol	144	C9H20O	000628-99-9	38
4	2-Octanol	130	C8H18O	000123-96-6	38
5	Ethene, 1,1'-[1,2-ethanediylbis(...	114	C6H10O2	000764-78-3	9

Peak Number 2 Toluene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.404	0.12 µg/mL	9723	1,4-Dichlorobenzene-d4 (I)	5.279	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	80
2	Toluene	92	C7H8	000108-88-3	64
3	Toluene	92	C7H8	000108-88-3	64
4	Toluene	92	C7H8	000108-88-3	64
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	50

Peak Number 3 3-Hexanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
3.473	0.16 µg/mL	12533	1,4-Dichlorobenzene-d4 (I)			5.279
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	80
2	3-Hexanone		100	C6H12O	000589-38-8	80
3	3-Hexanone		100	C6H12O	000589-38-8	80
4	3-Hexanone		100	C6H12O	000589-38-8	72
5	Octane, 3-ethyl-		142	C10H22	005881-17-4	64

Peak Number 4 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
3.505	0.20 µg/mL	16330	1,4-Dichlorobenzene-d4 (I)			5.279
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexanone		100	C6H12O	000591-78-6	86
2	2-Hexanone		100	C6H12O	000591-78-6	80
3	2-Hexanone		100	C6H12O	000591-78-6	80

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100080.D
Acq On : 5 Feb 2011 3:00 pm
Operator : tdd
Sample : 0211-22 AH04-WAR ~~LD~~
Misc : Hexane Desorb Solvent
ALS Vial : 12 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

~~4 2-Hexanone 100 C6H12O 000591-78-6 72~~
~~5 Oxirane, 2-methyl-2-(1-methyleth... 100 C6H12O 072221-03-5 72~~

Peak Number 5 3-Hexanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.564	0.12 µg/mL	9879	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	59	
2	3-Hexanol	102	C6H14O	000623-37-0	59	
3	3-Octanol	130	C8H18O	020296-29-1	50	
4	3-Hexanol	102	C6H14O	000623-37-0	45	
5	3-Hexanol	102	C6H14O	000623-37-0	45	

Peak Number 6 2-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.586	0.16 µg/mL	12866	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	64	
2	2-Nonanol	144	C9H20O	000628-99-9	36	
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	36	
4	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	33	
5	2-Octanol	130	C8H18O	000123-96-6	9	

Peak Number 7 Oxirane, 2,2-dimethyl-3-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.366	0.09 µg/mL	7401	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	38	
2	Oxirane, 2-methyl-2-pentyl-	128	C8H16O	053907-75-8	17	
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	10	
4	Divinyl sulfide	86	C4H6S	000627-51-0	10	
5	Methacrylamide	85	C4H7NO	000079-39-0	9	

Peak Number 8 Acetohydroxamic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.627	0.18 µg/mL	14258	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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EA# 0211-22 Page 62 of 205

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100080.D
Acq On : 5 Feb 2011 3:00 pm
Operator : tdd
Sample : 0211-22 AH04-WAR ~~LD~~
Misc : Hexane Desorb Solvent
ALS Vial : 12 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

1	Acetohydroxamic Acid	75	C2H5NO2	000546-88-3	25
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	25
3	Acetone, ethyl methyl acetal	118	C6H14O2	029328-22-1	17
4	Pentadecylamine	227	C15H33N	002570-26-5	10
5	Hydroperoxide, 1-ethylbutyl	118	C6H14O2	024254-56-6	10

Peak Number 9 Hexane, 2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.20 µg/mL	16331	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-nitro-	131	C6H13NO2	014255-44-8	38	
2	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	38	
3	Diallylmethylsilane	126	C7H14Si	002043-08-5	37	
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	37	
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	37	

Peak Number 10 1-Pentene, 3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	0.14 µg/mL	11699	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46	
2	Nonanal	142	C9H18O	000124-19-6	38	
3	2-Dodecene, (E)-	168	C12H24	007206-13-5	35	
4	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	35	
5	4-Dodecene, (Z)-	168	C12H24	007206-27-1	35	

Peak Number 11 Naphthalene, 2-isothiocyanato- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.606	198.78 µg/mL	23289700	Phenanthrene-d10 (I)	9.767

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	93	
2	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	91	
3	N,N-Diethyl-1-[(1-naphthyl)thioc...	369	C21H27N3OS	1000225-52-4	78	
4	Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	74	
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47	

isomer

Peak Number 12 Thiocyanic acid, 2-benzothi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100080.D
 Acq On : 5 Feb 2011 3:00 pm
 Operator : tdd
 Sample : 0211-22 AH04-WAR ~~LD~~
 Misc : Hexane Desorb Solvent
 ALS Vial : 12 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

9.649 0.84 µg/mL 98753 Phenanthrene-d10 (I) 9.767						
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
2		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50

 Peak Number 13 Phenol, 4-(phenylamino)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.713	0.09 µg/mL	11083	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4-(phenylamino)-	185	C12H11NO	000122-37-2	35
2		2-Naphthaleneacetic acid, 6-meth...	244	C15H16O3	026159-35-3	17
3		1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	16
4		1-Acetyl-6-methoxynaphthalene	200	C17H12O2	1000210-44-1	16
5		Benzofurazan, 5-nitro-	165	C6H3N3O3	018772-11-7	10

 Peak Number 14 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.820	0.36 µg/mL	42335	Phenanthrene-d10 (I)			9.767
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	83
2		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	58
3		Anthracene-d10-	188	C14D10	001719-06-8	52
4		3,4-Oxazolidinecarboxylic acid, ...	245	C11H19NO5	116842-10-5	42
5		Nalidixic Acid	232	C12H12N2O3	000389-08-2	40

 Peak Number 15 4H-Dibenzo[de,g]quinoline, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.723	0.14 µg/mL	15270	Perylene-d12 (I)			14.740
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Dibenzo[de,g]quinoline, 5,6,6...	281	C18H19NO2	004846-19-9	45
2		3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6	18
3		Ibogamine, (2.alpha.,5.beta.,6.a...	280	C19H24N2	001673-99-0	14
4		Methanol, [4-(1,1-dimethylethyl)...	222	C13H18O3	054889-98-4	12
5		N-Methyl-1-adamantaneacetamide	207	C13H21NO	1000211-60-4	12

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100080.D
 Acq On : 5 Feb 2011 3:00 pm
 Operator : tdd
 Sample : 0211-22 AH04-WAR ~~LD~~
 Misc : Hexane Desorb Solvent
 ALS Vial : 12 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Octanol	3.286	0.1	µg/mL	7792	1	5.279	3229440	40.0
Toluene	3.404	0.1	µg/mL	9723	1	5.279	3229440	40.0
3-Hexanone	3.473	0.2	µg/mL	12533	1	5.279	3229440	40.0
2-Hexanone	3.505	0.2	µg/mL	16330	1	5.279	3229440	40.0
3-Hexanol	3.564	0.1	µg/mL	9879	1	5.279	3229440	40.0
2-Hexanol	3.586	0.2	µg/mL	12866	1	5.279	3229440	40.0
Oxirane, 2,2-di...	4.366	0.1	µg/mL	7401	1	5.279	3229440	40.0
Acetohydroxamic...	4.627	0.2	µg/mL	14258	1	5.279	3229440	40.0
Hexane, 2-nitro-	4.686	0.2	µg/mL	16331	1	5.279	3229440	40.0
1-Pentene, 3-et...	5.803	0.1	µg/mL	11699	1	5.279	3229440	40.0
Naphthalene, 2-...	9.606	198.8	µg/mL	23289700	4	9.767	4686580	40.0
Thiocyanic acid...	9.649	0.8	µg/mL	98753	4	9.767	4686580	40.0
Phenol, 4-(phen...	9.713	0.1	µg/mL	11083	4	9.767	4686580	40.0
Phenanthrene-d10	9.820	0.4	µg/mL	42335	4	9.767	4686580	40.0
4H-Dibenzo[de,g...	15.723	0.1	µg/mL	15270	6	14.740	4346940	40.0

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100080.D
Acq On : 5 Feb 2011 3:00 pm
Operator : tdd
Sample : 0211-22 AH04-WAR LD
Misc : Hexane Desorb Solvent
ALS Vial : 12 Sample Multiplier: 1

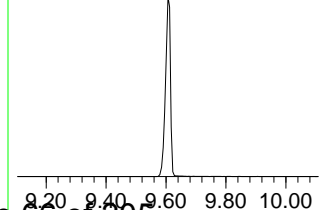
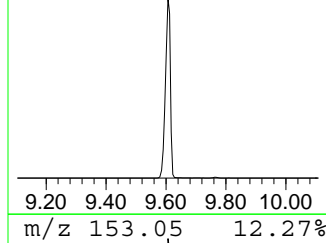
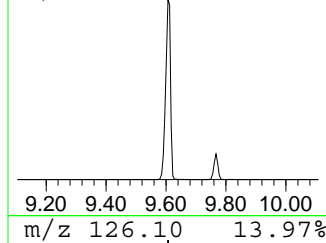
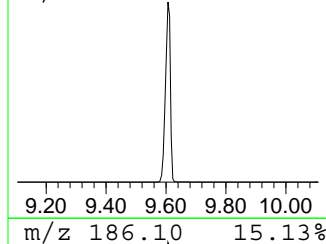
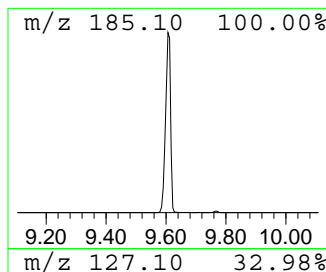
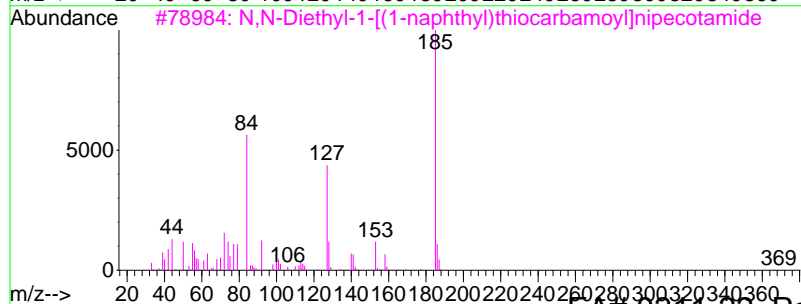
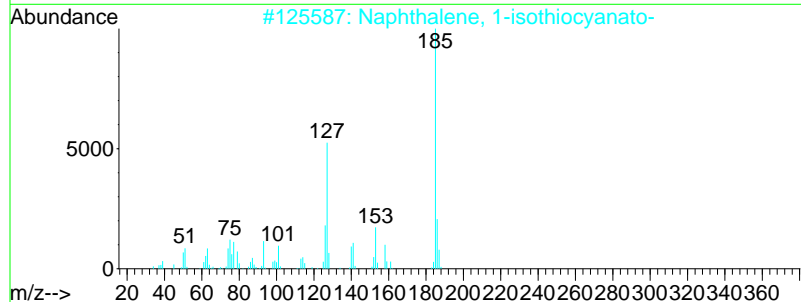
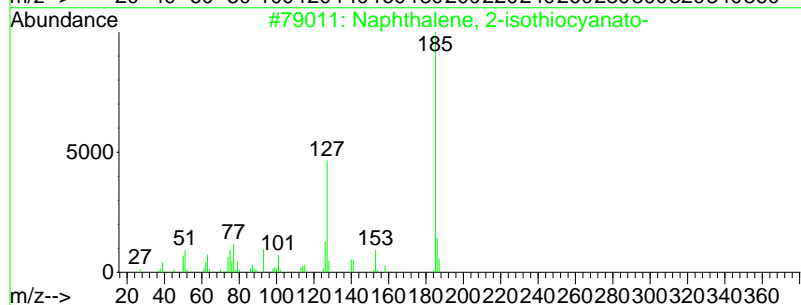
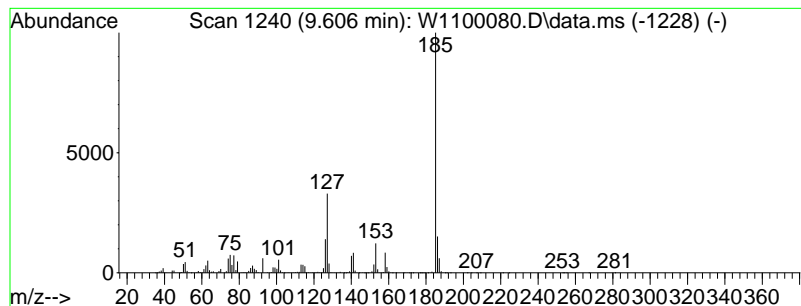
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

Peak Number 11 Naphthalene, 2-isothiocyanato- Concentration Rank 1

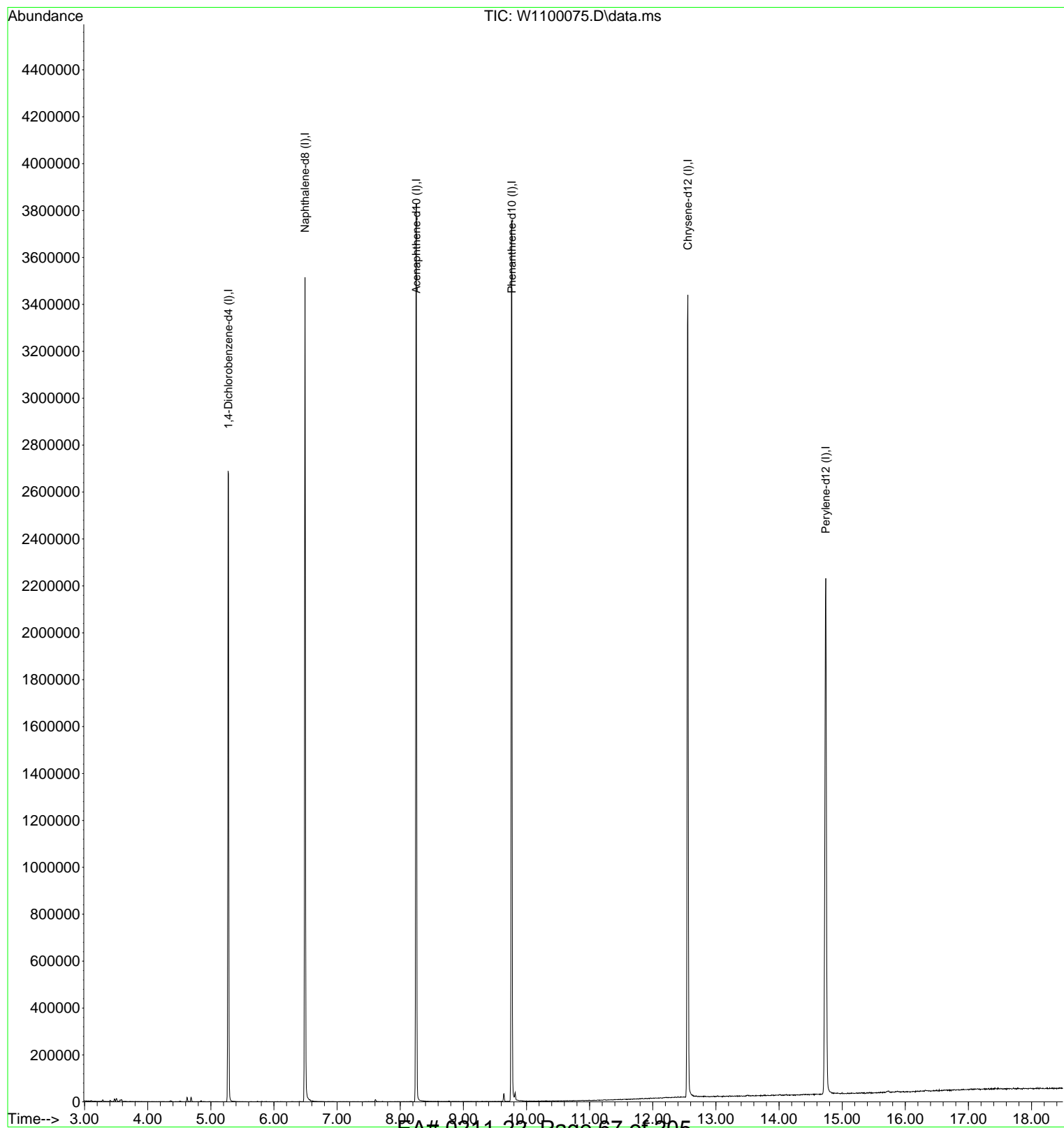
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.606	198.78 µg/mL	23289700	Phenanthrene-d10 (I)	9.767

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-isothiocyanato-	185	C11H7NS	001636-33-5	93
2			Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	91
3			N,N-Diethyl-1-[(1-naphthyl)thioc...	369	C21H27N3OS	1000225-52-4	78
4			Naphthalene, 1-isothiocyanato-	185	C11H7NS	000551-06-4	74
5			1H-Isoindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	47



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100075.D
Acq On : 5 Feb 2011 11:25 am
Operator : tdd
Sample : 0211-22 MB-2
Misc : Hexane Desorb Solvent
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 05 12:04:32 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100075.D
 Acq On : 5 Feb 2011 11:25 am
 Operator : tdd
 Sample : 0211-22 MB-2
 Misc : Hexane Desorb Solvent
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 05 12:04:32 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	460091	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1599771	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	914800	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1615683	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	1581756	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	1465162	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100075.D
 Acq On : 5 Feb 2011 11:25 am
 Operator : tdd
 Sample : 0211-22 MB-2
 Misc : Hexane Desorb Solvent
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 05 12:04:32 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100075.D
Acq On : 5 Feb 2011 11:25 am
Operator : tdd
Sample : 0211-22 MB-2
Misc : Hexane Desorb Solvent
ALS Vial : 7 Sample Multiplier: 1

None Detected

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

Peak Number 1 2-Hexanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.287	0.12 µg/mL	7847	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	45
2	Ethene, 1,1'-[1,2-ethanediylbis(...		114	C6H10O2	000764-78-3	9
3	2-Octanol		130	C8H18O	000123-96-6	9
4	2-Hexanol		102	C6H14O	000626-93-7	9
5	Ether, sec-butyl isopropyl		116	C7H16O	018641-81-1	9

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.404	0.08 µg/mL	5754	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	50
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	40
3		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	40
4		Benzaldehyde, 4-benzyloxy-2-fluo...	246	C14H11FO3	141523-16-2	23
5		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	9

Peak Number 3 3,5-Heptanedione, 2,2,4,6-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.474	0.16 µg/mL	10608	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Heptanedione, 2,2,4,6-tetram...		184	C11H20O2	1000162-24-5	72
2	3-Hexanone		100	C6H12O	000589-38-8	72
3	Heptane, 5-ethyl-2-methyl-		142	C10H22	013475-78-0	40
4	Heptane, 3,3-dimethyl-		128	C9H20	004032-86-4	38
5	Hexane, 2,4,4-trimethyl-		128	C9H20	016747-30-1	38

Peak Number 4 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.506	0.22 µg/mL	14670	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1 2	Hexanone		100	C6H12O	000591-78-6	80
2 2	Hexanone		100	C6H12O	000591-78-6	64
3 2	Hexanone		100	C6H12O	000591-78-6	50

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100075.D
Acq On : 5 Feb 2011 11:25 am
Operator : tdd
Sample : 0211-22 MB-2
Misc : Hexane Desorb Solvent
ALS Vial : 7 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

4 2-Hexanone 100 C6H12O 000591-78-6 50
5 Methyl Isobutyl Ketone 100 C6H12O 000108-10-1 42

Peak Number 5 3-Nonanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.564	0.12 µg/mL	8312	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol	144	C9H20O	000624-51-1	50	
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40	
3	3-Octanol	130	C8H18O	000589-98-0	36	
4	3-Decanol	158	C10H22O	001565-81-7	28	
5	Undecanol-3	172	C11H24O	006929-08-4	28	

Peak Number 6 2-Nonanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.586	0.13 µg/mL	8946	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanol	144	C9H20O	000628-99-9	9	
2	2-Undecanol	172	C11H24O	001653-30-1	4	
3	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	4	
4	2-Undecanol	172	C11H24O	001653-30-1	4	
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	4	

Peak Number 7 Oxirane, 2,2-dimethyl-3-pro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.360	0.14 µg/mL	9785	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	23	
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	17	
3	Boron, trihydro(N-methylmethanam...	57	C2H8BN	000074-94-2	9	
4	1-Propanamine, 3-nitro-	104	C3H8N2O2	1000065-20-8	9	
5	Hydroperoxide, 1-ethylpropyl	104	C5H12O2	024254-57-7	9	

Peak Number 8 N,N'-Diacetylenehydrazine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.510	0.06 µg/mL	4221	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100075.D
Acq On : 5 Feb 2011 11:25 am
Operator : tdd
Sample : 0211-22 MB-2
Misc : Hexane Desorb Solvent
ALS Vial : 7 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

1	N,N'-Diacetylenediamine	144	C6H12N2O2	000871-78-3	37
2	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9
3	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	9
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	9

Peak Number 9 1-Pentanol, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	0.26 µg/mL	17964	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	43
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	38
3		Ethanone, 1-(3-butyloxiranyl)-	142	C8H14O2	017257-80-6	37
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	32
5		Hexane, 2-methyl-	100	C7H16	000591-76-4	32

Peak Number 10 Pentane, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.30 µg/mL	20166	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	50
2		2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	38
3		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	38
4		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	33
5		2-Pentanone, 5,5'-oxybis-	186	C10H18O3	093677-66-8	33

Peak Number 11 Cyclopentane, 1-ethyl-1-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.847	0.10 µg/mL	6517	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	40
2		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	40
3		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	40
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	40
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	40

Peak Number 12 3-Pyridinol, 4-methyl-, ace... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 Acq On : 5 Feb 2011 11:25 am
 Operator : tdd
 Sample : 0211-22 MB-2
 Misc : Hexane Desorb Solvent
 ALS Vial : 7 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

7.609	0.12 µg/mL	11767	Acenaphthene-d10 (I)	8.255
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8 53
2	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4 38
3	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7 37
4	(E)-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5 37
5	Acetaminophen	151	C8H9NO2	000103-90-2 36

 Peak Number 13 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.644	0.34 µg/mL	34097	Phenanthrene-d10 (I)	9.767
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7 53
2	Isoquinoline, 1-[(3,5-dihydroxy)...	315	C18H21NO4	076787-05-8 53
3	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4 50
4	(-)-1,2,3,4-Tetrahydroisoquinoli...	251	C13H17NO4	1000127-91-1 45
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5 45

 Peak Number 14 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.820	0.53 µg/mL	52362	Phenanthrene-d10 (I)	9.767
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Anthracene-d10-	188	C14D10	001719-06-8 87
2	Phenanthrene-d10	188	C14D10	001517-22-2 56
3	Nickel, di-.mu.-carbonylbis(.eta...	302	C12H10Ni2O2	012170-92-2 53
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5 33
5	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2 33

 Peak Number 15 5-(2-Oxo-6-phenyl-1,2-dihyd... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.009	0.08 µg/mL	7994	Perylene-d12 (I)	14.740
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-(2-Oxo-6-phenyl-1,2-dihydropyr...	282	C14H10N4O3	071167-21-0 22
2	5-[1,4-Dioxa-8-azaspiro[4.5]dec...	281	C13H19N3O4	1000212-48-9 14
3	3-Ethoxy-1,1,1,5,5,5-hexamethyl...	340	C11H32O4Si4	018030-67-6 12
4	4H-1-Benzopyran-4-one, 5,7-dimet...	282	C17H14O4	021392-57-4 12
5	1-Bromo-2-chloro-3,5-dinitrobenzene	280	C6H2BrClN2O4	051796-81-7 9

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100075.D
 Acq On : 5 Feb 2011 11:25 am
 Operator : tdd
 Sample : 0211-22 MB-2
 Misc : Hexane Desorb Solvent
 ALS Vial : 7 Sample Multiplier: 1

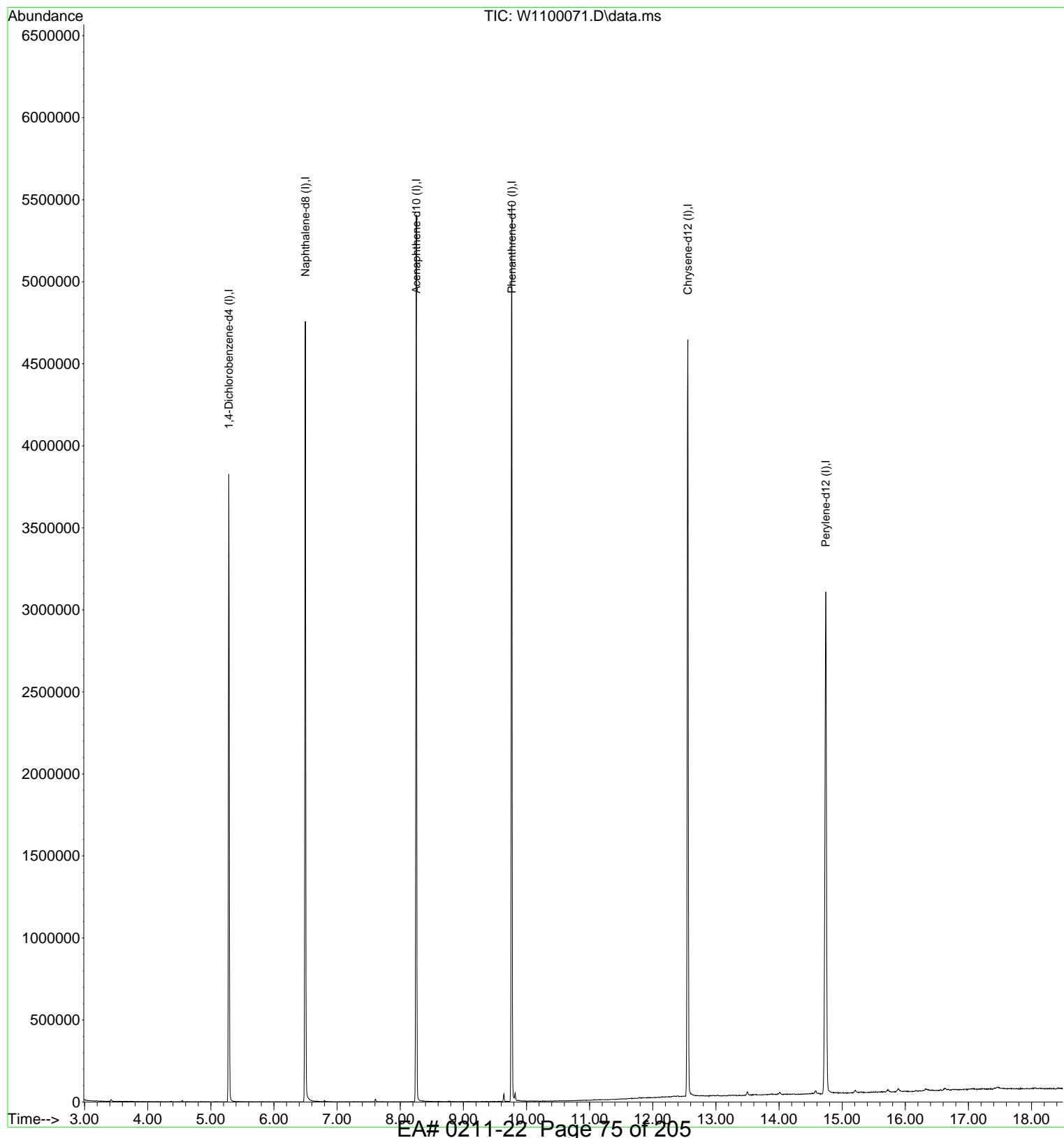
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Hexanol	3.287	0.1	µg/mL	7847	1	5.279	2718390	40.0
1,3,5-Cyclohept...	3.404	0.1	µg/mL	5754	1	5.279	2718390	40.0
3,5-Heptanedion...	3.474	0.2	µg/mL	10608	1	5.279	2718390	40.0
2-Hexanone	3.506	0.2	µg/mL	14670	1	5.279	2718390	40.0
3-Nonanol	3.564	0.1	µg/mL	8312	1	5.279	2718390	40.0
2-Nonanol	3.586	0.1	µg/mL	8946	1	5.279	2718390	40.0
Oxirane, 2,2-di...	4.360	0.1	µg/mL	9785	1	5.279	2718390	40.0
N,N'-Diacetylet...	4.510	0.1	µg/mL	4221	1	5.279	2718390	40.0
1-Pentanol, 2,2...	4.622	0.3	µg/mL	17964	1	5.279	2718390	40.0
Pentane, 2,4-di...	4.686	0.3	µg/mL	20166	1	5.279	2718390	40.0
Cyclopentane, 1...	4.847	0.1	µg/mL	6517	1	5.279	2718390	40.0
3-Pyridinol, 4-...	7.609	0.1	µg/mL	11767	3	8.255	3936080	40.0
Anthracene, 2-m...	9.644	0.3	µg/mL	34097	4	9.767	3959310	40.0
Anthracene-d10-	9.820	0.5	µg/mL	52362	4	9.767	3959310	40.0
5-(2-Oxo-6-phen...	14.009	0.1	µg/mL	7994	6	14.740	3897630	40.0

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100071.D
Acq On : 5 Feb 2011 9:23 am
Operator : tdd
Sample : CH2Cl2 System Blank
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 05 10:33:08 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100071.D
 Acq On : 5 Feb 2011 9:23 am
 Operator : tdd
 Sample : CH2Cl2 System Blank
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 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.284	152	629299	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.497	136	2193154	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.255	164	1205264	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	2166696	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	2117572	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	2004084	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

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 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.	d	
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.	d	
89) Benzo(k)fluoranthene	0.000		0	N.D.	d	
90) Benzo(e)pyrene	0.000		0	N.D.	d	
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.	d	

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

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ALS Vial : 3 Sample Multiplier: 1

None Detected

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

Peak Number	1	Toluene			Concentration	Rank 8
R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.420	0.18 µg/mL	16360	1,4-Dichlorobenzene-d4 (I)		5.284	
Hit# of	5	Tentative ID		MW	MolForm	CAS# Qual
1	Toluene			92	C7H8	000108-88-3 72
2	Toluene			92	C7H8	000108-88-3 72
3	Toluene			92	C7H8	000108-88-3 72
4	1,3,5-Cycloheptatriene			92	C7H8	000544-25-2 64
5	1,3,5-Cycloheptatriene			92	C7H8	000544-25-2 64

Peak Number	2	Cyclopentene, 1,2,3,3,4-pen...			Concentration	Rank 12
R.T.	EstConc	Area	Relative to ISTD		R.T.	
4.547	0.08 µg/mL	7648	1,4-Dichlorobenzene-d4 (I)		5.284	
Hit# of	5	Tentative ID		MW	MolForm	CAS# Qual
1	Cyclopentene, 1,2,3,3,4-pentamet...			138	C10H18	1000152-27-1 64
2	Cyclopentene, 1,2,3,4,5-pentamet...			138	C10H18	1000154-28-6 64
3	Furan, 2-(1,1-dimethylethyl)-4-m...			138	C9H14O	006141-68-0 64
4	Bicyclo[2.2.2]octane, 1-methyl-4...			202	C10H18O2S	069855-48-7 59
5	2,5-Heptadien-4-one, 2,6-dimethyl-			138	C9H14O	000504-20-1 59

Peak Number	3	Indan-1,3-diol monoacetate			Concentration	Rank 15
R.T.	EstConc	Area	Relative to ISTD		R.T.	
6.689	0.06 µg/mL	6450	Naphthalene-d8 (I)		6.497	
Hit# of	5	Tentative ID		MW	MolForm	CAS# Qual
1	Indan-1,3-diol monoacetate			192	C11H12O3	1000132-07-4 37
2	3-Pyridazinamine, 6-chloro-			129	C4H4ClN3	005469-69-2 23
3	Tricyclo[4.2.1.1(2,5)]decane			136	C10H16	049700-70-1 12
4	Bicyclopentyl-1'-en-1-ol			152	C10H16O	1000186-73-1 9
5	4-Cyclopropylnorcarane			136	C10H16	1000222-73-9 9

Peak Number	4	Methenamine			Concentration	Rank 11
R.T.	EstConc	Area	Relative to ISTD		R.T.	
6.796	0.08 µg/mL	9835	Naphthalene-d8 (I)		6.497	
Hit# of	5	Tentative ID		MW	MolForm	CAS# Qual
1	Methenamine			140	C6H12N4	000100-97-0 72
2	Methenamine			140	C6H12N4	000100-97-0 64
3	Methenamine			140	C6H12N4	000100-97-0 59

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100071.D
Acq On : 5 Feb 2011 9:23 am
Operator : tdd
Sample : CH2Cl2 System Blank
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L

TIC Integration Parameters: rteint.p

4 1H-Azepin-1-amine, N-ethylideneh... 140 C8H16N2 075268-01-8 50
5 2,4(1H,3H)-Pyrimidinedione, 3,6-... 140 C6H8N2O2 019674-60-3 25

Peak Number 5 6-(3,3-Dimethyl-oxiran-2-yl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.608	0.15 µg/mL	19302	Acenaphthene-d10 (I)	8.255

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(3,3-Dimethyl-oxiran-2-ylidene...	194	C12H18O2	1000187-66-2	43	
2	Vanillin	152	C8H8O3	000121-33-5	42	
3	2,5,5,1a-Tetramethyl-cis-1a,4a,5...	194	C13H22O	1000215-77-7	38	
4	Ethanone, 1-(2-hydroxy-5-methoxy...	166	C9H10O3	000705-15-7	35	
5	4-(1,5-Dihydroxy-2,6,6-trimethyl...	224	C13H20O3	1000191-85-2	35	

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.644	0.39 µg/mL	51042	Phenanthrene-d10 (I)	9.767

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	59	
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50	
4	Bitoscanate	192	C8H4N2S2	004044-65-9	42	
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42	

Peak Number 7 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.820	0.41 µg/mL	54653	Phenanthrene-d10 (I)	9.767

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91	
2	Phenanthrene-d10	188	C14D10	001517-22-2	90	
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	53	
4	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	53	
5	Antipyrine	188	C11H12N2O	000060-80-0	47	

Peak Number 8 1H-Purin-6-amine, N-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.791	0.08 µg/mL	11313	Chrysene-d12 (I)	12.555

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100071.D
Acq On : 5 Feb 2011 9:23 am
Operator : tdd
Sample : CH2Cl2 System Blank
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

1	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	11
2	5-Chloro-2-methyl-3(2H)-isothiaz...	149	C4H4ClNOS	026172-55-4	10
3	2,3-Bis-(4-methoxy-phenyl)-1,4,5...	340	C21H28N2O2	122688-14-6	10
4	4-Pyridinecarboxaldehyde, 3-hydr...	167	C8H9NO3	000066-72-8	10
5	Oxazolidine, 3-phenyl-	149	C9H11NO	020503-92-8	9

Peak Number 9 Propane, bromodichlorodiflu... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.400	0.07 µg/mL	9087	Chrysene-d12 (I)	12.555

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, bromodichlorodifluoro-	226	C3H3BrCl2F2	072101-13-4	20	
2	Pyridine, 3,5-dichloro-	147	C5H3Cl2N	002457-47-8	12	
3	2-[1-Adamantylamino]-1,3,4-thiad...	235	C12H17N3S	1000227-05-0	10	
4	Bis-trimethylsilyl benzeneboronate	266	C12H23BO2Si2	1000147-69-8	9	
5	Silane, [(11-iodoundecyl)oxy]tri...	370	C14H31IOSi	026305-84-0	9	

Peak Number 10 Erucylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.496	0.26 µg/mL	36112	Chrysene-d12 (I)	12.555

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Erucylamide	337	C22H43NO	000112-84-5	43	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38	
3	Ethanone, 1-[2-(1-hydroxy-1-meth...	142	C8H14O2	062337-92-2	35	
4	1-Heptadecanamine	255	C17H37N	004200-95-7	27	
5	Tetracosane, 9-octyl-	451	C32H66	055401-54-2	25	

Peak Number 11 p-Nitrophenyl nonyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.014	0.20 µg/mL	26433	Perylene-d12 (I)	14.740

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Nitrophenyl nonyl ether	265	C15H23NO3	086702-46-7	25	
2	Decane, 1,2-dibromo-	298	C10H20Br2	028467-71-2	10	
3	4H-Pyran-4-one, 3,5-diacetyl-2,6...	208	C11H12O4	019396-77-1	10	
4	Pyridine, 1,2,3,6-tetrahydro-1-m...	207	C12H14ClN	005048-08-8	9	
5	1-Benzopyrylium, 2-phenyl-	207	C15H11O	014051-53-7	9	

Peak Number 12 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100071.D
 Acq On : 5 Feb 2011 9:23 am
 Operator : tdd
 Sample : CH2Cl2 System Blank
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

14.575	0.18 µg/mL	24639	Perylene-d12 (I)	14.740
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268	C19H40	000629-92-5 49
2	Octadecane	254	C18H38	000593-45-3 47
3	Heneicosane	296	C21H44	000629-94-7 47
4	Tetradecane	198	C14H30	000629-59-4 47
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3 47

 Peak Number 13 Benzene, 2-[(tert-butyl)dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	0.17 µg/mL	22989	Perylene-d12 (I)	14.740
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 2-[(tert-butyl)dimethyls...	264	C16H28OSi	1000221-75-3 35
2	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1 27
3	Methanol, [4-(1,1-dimethylethyl)...	222	C13H18O3	054889-98-4 27
4	2,3,4,6-Tetrafluorophenyl isothi...	207	C7HF4NS	084348-86-7 22
5	N-Methyl-1-adamantaneacetamide	207	C13H21NO	1000211-60-4 22

 Peak Number 14 3-Hydroxy-D-homoestra-1,3,5... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.723	0.26 µg/mL	34586	Perylene-d12 (I)	14.740
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6 38
2	Benzo[h]naphtho[1,2-c]cinnoline	280	C20H12N2	1000192-84-2 25
3	Pyrazolidinetrione, phenyl-, 4-(...	280	C15H12N4O2	021272-26-4 25
4	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9 25
5	Benzo[f]naphtho[2,1-c]cinnoline	280	C20H12N2	000188-55-6 25

 Peak Number 15 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.889	0.29 µg/mL	38932	Perylene-d12 (I)	14.740
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268	C19H40	000629-92-5 38
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4 35
3	Hexatriacontane	507	C36H74	000630-06-8 35
4	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3 35
5	Nonacosane	408	C29H60	000630-03-5 35

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100071.D
 Acq On : 5 Feb 2011 9:23 am
 Operator : tdd
 Sample : CH2Cl2 System Blank
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

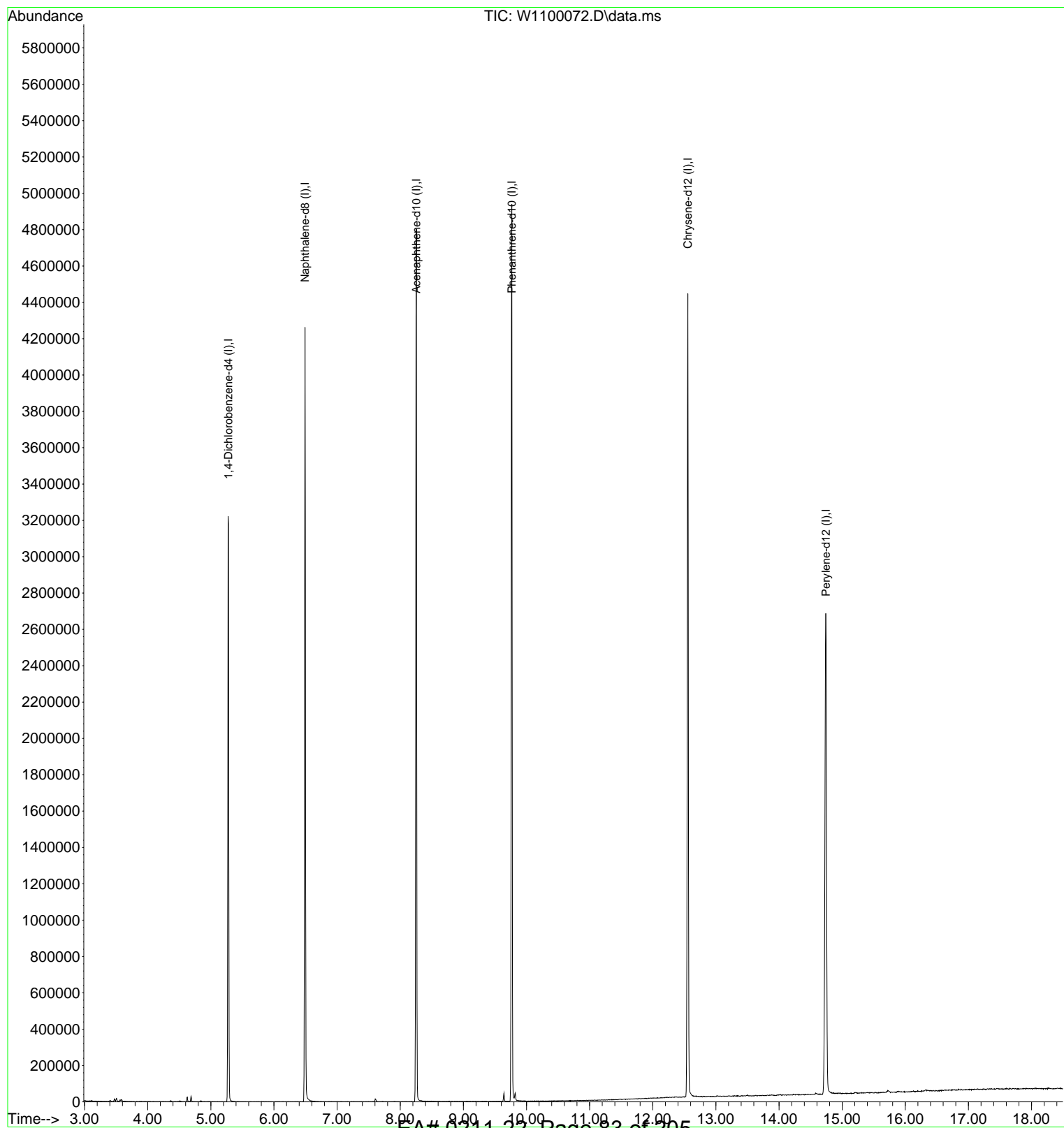
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.420	0.2	µg/mL	16360	1	5.284	3699720	40.0
Cyclopentene, 1...	4.547	0.1	µg/mL	7648	1	5.284	3699720	40.0
Indan-1,3-diol ...	6.689	0.1	µg/mL	6450	2	6.497	4640670	40.0
Methenamine	6.796	0.1	µg/mL	9835	2	6.497	4640670	40.0
6-(3,3-Dimethyl...	7.608	0.1	µg/mL	19302	3	8.255	5225880	40.0
5H-Dibenzo[a,d]...	9.644	0.4	µg/mL	51042	4	9.767	5299140	40.0
Anthracene-d10-	9.820	0.4	µg/mL	54653	4	9.767	5299140	40.0
1H-Purin-6-amin...	11.791	0.1	µg/mL	11313	5	12.555	5566460	40.0
Propane, bromod...	12.400	0.1	µg/mL	9087	5	12.555	5566460	40.0
Erucylamide	13.496	0.3	µg/mL	36112	5	12.555	5566460	40.0
p-Nitrophenyl n...	14.014	0.2	µg/mL	26433	6	14.740	5396800	40.0
Nonadecane	14.575	0.2	µg/mL	24639	6	14.740	5396800	40.0
Benzene, 2-[(te...	15.210	0.2	µg/mL	22989	6	14.740	5396800	40.0
3-Hydroxy-D-hom...	15.723	0.3	µg/mL	34586	6	14.740	5396800	40.0
Nonadecane	15.889	0.3	µg/mL	38932	6	14.740	5396800	40.0

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100072.D
Acq On : 5 Feb 2011 9:55 am
Operator : tdd
Sample : Hexanes Blank
Misc : Lot #E39E26
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 10:34:35 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100072.D
 Acq On : 5 Feb 2011 9:55 am
 Operator : tdd
 Sample : Hexanes Blank
 Misc : Lot #E39E26
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 10:34:35 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	554524	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1980231	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	1117160	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1997630	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	2011770	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.746	264	1824583	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds				Qvalue		
2) N-Nitrosodimethylamine	0.000		0	N.D.		
3) Pyridine	0.000		0	N.D.		
6) Phenol (CCC)	0.000		0	N.D.		
7) Aniline	0.000		0	N.D.		
8) bis(2-Chloroethyl)ether	0.000		0	N.D.		
9) 2-Chlorophenol	0.000		0	N.D.		
10) 1,3-Dichlorobenzene	0.000		0	N.D.		
11) 1,4-Dichlorobenzene (CCC)	0.000		0	N.D.		
12) Benzyl alcohol	0.000		0	N.D.	d	
13) 1,2-Dichlorobenzene	0.000		0	N.D.		
14) 2-Methylphenol	0.000		0	N.D.		
15) bis(2-Chloroisopropyl)...	0.000		0	N.D.		
16) 3/4-Methylphenol	0.000		0	N.D.		
17) N-Nitrso-di-n-propylam...	0.000		0	N.D.		
18) Hexachloroethane	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
22) Isophorone	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) 2-Nitrophenol (CCC)	0.000		0	N.D.		
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol (CCC)	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
29) Naphthalene	0.000		0	N.D.		
30) 4-Chloroaniline	0.000		0	N.D.	d	
31) Hexachlorobutadiene (CCC)	0.000		0	N.D.		
32) 4-Chloro-3 methylpheno...	0.000		0	N.D.		
33) 2-Methylnaphthalene	0.000		0	N.D.		
34) 1-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadi...	0.000		0	N.D.		
37) 2,4,6-Trichlorophenol ...	0.000		0	N.D.		
38) 2,4,5-Trichlorophenol	0.000		0	N.D.		
40) 2-Chloronaphthalene	0.000		0	N.D.		
41) 2-Nitroaniline	0.000		0	N.D.		
42) 1,4-Dinitrobenzene	0.000		0	N.D.		
43) Dimethylphthalate	0.000		0	N.D.		
44) 1,3-Dinitrobenzene	0.000		0	N.D.		
45) 2,6-Dinitrotoluene	0.000		0	N.D.		
46) 1,2-Dinitrobenzene	0.000		0	N.D.		

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100072.D
 Acq On : 5 Feb 2011 9:55 am
 Operator : tdd
 Sample : Hexanes Blank
 Misc : Lot #E39E26
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 10:34:35 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	0.000		0	N.D.		
48) 3-Nitroaniline	0.000		0	N.D.		
49) Acenaphthene (CCC)	0.000		0	N.D.	d	
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.		
51) 4-Nitrophenol (SPCC)	0.000		0	N.D.		
52) 2,4-Dinitrotoluene	0.000		0	N.D.		
53) Dibenzofuran	0.000		0	N.D.		
54) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.		
55) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
56) Diethylphthalate	0.000		0	N.D.		
58) 4-Chlorophenyl-phenyle...	0.000		0	N.D.		
59) Fluorene	0.000		0	N.D.		
60) 4-Nitroaniline	0.000		0	N.D.		
61) 4,6-Dinitro2-methylphenol	0.000		0	N.D.		
62) N-Nitrosodiphenylamine...	0.000		0	N.D.		
63) Azobenzene	0.000		0	N.D.		
66) 4-Bromophenyl-phenylether	0.000		0	N.D.		
67) Hexachlorobenzene	0.000		0	N.D.		
68) Pentachlorophenol (CCC)	0.000		0	N.D.		
69) Phenanthrene	0.000		0	N.D.		
70) Anthracene	0.000		0	N.D.		
71) Carbazole	0.000		0	N.D.		
72) Di-n-butylphthalate	0.000		0	N.D.		
73) Fluoranthene (CCC)	0.000		0	N.D.		
74) Benzidine	0.000		0	N.D.		
76) Pyrene	0.000		0	N.D.		
79) Butylbenzylphthalate	0.000		0	N.D.		
80) 3,3-Dimethylbenzidine	0.000		0	N.D.		
81) bis(2-ethylhexyl)adipate	0.000		0	N.D.		
82) bis(2-Ethylhexyl)phtha...	0.000		0	N.D.		
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	0.000		0	N.D.	d	
85) Chrysene	0.000		0	N.D.	d	
86) Di-n-octylphthalate (CCC)	0.000		0	N.D.		
88) Benzo(b)fluoranthene	0.000		0	N.D.		
89) Benzo(k)fluoranthene	0.000		0	N.D.		
90) Benzo(e)pyrene	0.000		0	N.D.		
91) Benzo(a)pyrene (CCC)	0.000		0	N.D.	d	
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
94) Dibenz(a,h)anthracene	0.000		0	N.D.		
95) Benzo(g,h,i)perylene	0.000		0	N.D.		

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

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100072.D
Acq On : 5 Feb 2011 9:55 am
Operator : tdd
Sample : Hexanes Blank
Misc : Lot #E39E26
ALS Vial : 4 Sample Multiplier: 1

None Detected

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

~~Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 11~~

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.404	0.11 µg/mL	8757	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene		92	C7H8	000544-25-2	59
2	Toluene		92	C7H8	000108-88-3	53
3	Toluene		92	C7H8	000108-88-3	50
4	1,3,5-Cycloheptatriene		92	C7H8	000544-25-2	45
5	1,6-Heptadien-3-yne		92	C7H8	005150-80-1	42

Peak Number 2 3-Hexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
3.473	0.18 µg/mL	14643	1,4-Dichlorobenzene-d4 (I)		5.279	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	72
2	3-Hexanone		100	C6H12O	000589-38-8	59
3	3-Hexanone		100	C6H12O	000589-38-8	59
4	Decane, 4-methyl-		156	C11H24	002847-72-5	47
5	Decane, 4-methyl-		156	C11H24	002847-72-5	47

Peak Number 3 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
3.506	0.23 µg/mL	18854	1,4-Dichlorobenzene-d4 (I)		5.279
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	72
2	2-Hexanone	100	C6H12O	000591-78-6	64
3	2-Hexanone	100	C6H12O	000591-78-6	50
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	46
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	45

Peak Number 4 3-Pentanol, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.564	0.14 µg/mL	11745	1,4-Dichlorobenzene-d4 (I)	5.279	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	53
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
3	3-Hexanol	102	C6H14O	000623-37-0	50

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100072.D
Acq On : 5 Feb 2011 9:55 am
Operator : tdd
Sample : Hexanes Blank
Misc : Lot #E39E26
ALS Vial : 4 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

4 3-Octanol 130 C8H18O 020296-29-1 45
5 3-Octanol 130 C8H18O 000589-98-0 45

Peak Number 5 2-Hexanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.586	0.16 µg/mL	13028	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanol	102	C6H14O	000626-93-7	50
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	42
3		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	39
4		2-Heptanol, 4-methyl-	130	C8H18O	056298-90-9	38
5		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38

Peak Number 6 Nonane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.366	0.09 µg/mL	7593	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-methyl-	142	C10H22	015869-85-9	25
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	17
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	17
4		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	17
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	17

Peak Number 7 2-Butanone, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.510	0.09 µg/mL	7081	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
2		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	9
3		Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
4		Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	7
5		2,3-Butanedione	86	C4H6O2	000431-03-8	7

Peak Number 8 1-Pentanol, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.627	0.29 µg/mL	23948	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100072.D
Acq On : 5 Feb 2011 9:55 am
Operator : tdd
Sample : Hexanes Blank
Misc : Lot #E39E26
ALS Vial : 4 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: rteint.p

1	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	47
2	Hexane, 1-(3-butenyloxy)-	156	C10H20O	107995-55-1	43
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
5	1,3-Dimethyl cyclopentanol	114	C7H14O	019550-46-0	33

Peak Number 9 2-Pentanone, 3-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.686	0.34 µg/mL	27413	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	43
2		Hexane, 2-nitro-	131	C6H13NO2	014255-44-8	40
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
4		Hexane, 2-iodo-	212	C6H13I	018589-27-0	37
5		2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	37

Peak Number 10 Diisopropylketone-p-tosylhy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.841	0.09 µg/mL	7144	1,4-Dichlorobenzene-d4 (I)	5.279

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diisopropylketone-p-tosylhydrazone	282	C14H22N2O2S	1000163-47-5	32
2		3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	17
3		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	12
4		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	12
5		Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	9

Peak Number 11 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.603	0.18 µg/mL	21325	Acenaphthene-d10 (I)	8.255

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	56
2		Tiocarlide	400	C23H32N2O2S	000910-86-1	50
3		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	50
4		Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	43
5		Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	42

Peak Number 12 Bitoscanate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100072.D
 Acq On : 5 Feb 2011 9:55 am
 Operator : tdd
 Sample : Hexanes Blank
 Misc : Lot #E39E26
 ALS Vial : 4 Sample Multiplier: 1

Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

9.644	0.36 µg/mL	44471	Phenanthrene-d10 (I)	9.767	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate	192	C8H4N2S2	004044-65-9	59
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
3	6,2,5-Ethanylylidene-2H-cyclobut...	192	C11H12OS	019086-86-3	50
4	4H-1-Benzopyran-4-one, 5,7-dihyd...	192	C10H8O4	001013-69-0	40
5	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38

 Peak Number 13 Phenanthrene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.820	0.51 µg/mL	62117	Phenanthrene-d10 (I)			9.767
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene-d10		188	C14D10	001517-22-2	87
2	Anthracene-d10-		188	C14D10	001719-06-8	87
3	Selenide, ethyl 1-methyl-1-pente...		188	C8H12Se	025128-48-7	64
4	3,4-Oxazolidinecarboxylic acid, ...		245	C11H19NO5	116842-10-5	42
5	4-Fluoro-6-methyl-2-phenylpyrimi...		188	C11H9FN2	051421-92-2	38

 Peak Number 14 1-Thia-2-borata-3-azacyclob... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.580	0.11 µg/mL	12977	Perylene-d12 (I)			14.746
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Thia-2-borata-3-azacyclobutan,...		328	C11H11BF6N2S	135024-30-5	14
2	3-Buten-2-one, 4-(2,6,6-trimethy...		192	C13H20O	000079-77-6	10
3	1H-Indole-2,3-dione, 7-isobutyl-		203	C12H13NO2	1000143-10-7	10
4	7-Methoxy-2-methyl-1,2,3,4-tetra...		177	C11H15NO	1000213-31-9	9
5	1-Indolinecarboxaldehyde, 2-hydr...		177	C10H11NO2	013303-69-0	9

 Peak Number 15 2,3-Dicyanodibenzo(F,H)quin... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.723	0.24 µg/mL	29258	Perylene-d12 (I)	14.746	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dicyanodibenzo(F,H)quinoxaline	280	C18H8N4	055408-49-6	50
2	Benzo[h]naphtho[1,2-c]cinnoline	280	C20H12N2	1000192-84-2	47
3	3,4-Dihydroisoquinoline, 1-[3-me...	281	C18H19NO2	1000126-16-1	43
4	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	43
5	1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	43

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100072.D
 Acq On : 5 Feb 2011 9:55 am
 Operator : tdd
 Sample : Hexanes Blank
 Misc : Lot #E39E26
 ALS Vial : 4 Sample Multiplier: 1

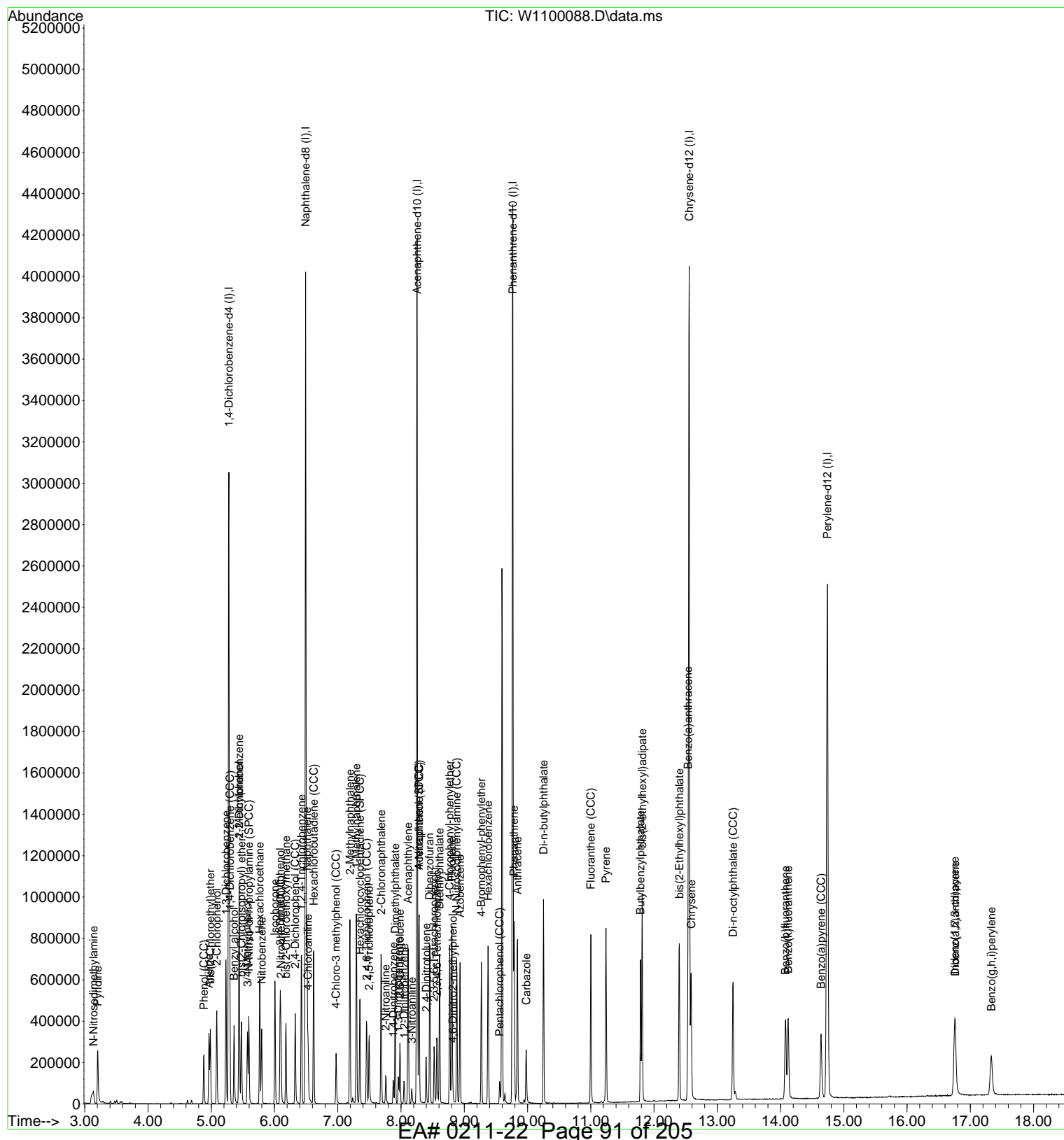
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.404	0.1	µg/mL	8757	1	5.279	3266690	40.0
3-Hexanone	3.473	0.2	µg/mL	14643	1	5.279	3266690	40.0
2-Hexanone	3.506	0.2	µg/mL	18854	1	5.279	3266690	40.0
3-Pentanol, 2-m...	3.564	0.1	µg/mL	11745	1	5.279	3266690	40.0
2-Hexanol	3.586	0.2	µg/mL	13028	1	5.279	3266690	40.0
Nonane, 5-methyl-	4.366	0.1	µg/mL	7593	1	5.279	3266690	40.0
2-Butanone, 3-m...	4.510	0.1	µg/mL	7081	1	5.279	3266690	40.0
1-Pentanol, 2,2...	4.627	0.3	µg/mL	23948	1	5.279	3266690	40.0
2-Pentanone, 3-...	4.686	0.3	µg/mL	27413	1	5.279	3266690	40.0
Diisopropylketo...	4.841	0.1	µg/mL	7144	1	5.279	3266690	40.0
2,4,7,9-Tetrame...	7.603	0.2	µg/mL	21325	3	8.255	4762190	40.0
Bitoscanate	9.644	0.4	µg/mL	44471	4	9.767	4910850	40.0
Phenanthrene-d10	9.820	0.5	µg/mL	62117	4	9.767	4910850	40.0
1-Thia-2-borata...	14.580	0.1	µg/mL	12977	6	14.746	4866240	40.0
2,3-Dicyanodibe...	15.723	0.2	µg/mL	29258	6	14.746	4866240	40.0

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100088.D
 Acq On : 5 Feb 2011 7:20 pm
 Operator : tdd
 Sample : 0211-22 XAD-2 SPK @ 50ug
 Misc : (50uL Mega Mix Spike, desorb w/ 5mLs Hexane)
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 07 07:38:47 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100088.D
 Acq On : 5 Feb 2011 7:20 pm
 Operator : tdd
 Sample : 0211-22 XAD-2 SPK @ 50ug
 Misc : (50uL Mega Mix Spike, desorb w/ 5mLs Hexane)
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 07 07:38:47 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.279	152	493380	40.00	µg/mL	-0.01
21) Naphthalene-d8 (I)	6.492	136	1748056	40.00	µg/mL	-0.01
36) Acenaphthene-d10 (I)	8.255	164	976209	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	1767944	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.555	240	1790038	40.00	µg/mL	-0.02
87) Perylene-d12 (I)	14.740	264	1598759	40.00	µg/mL	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	0.000	112	0	0.00	µg/mL	
5) Phenol-d5 (surr)	0.000	99	0	0.00	µg/mL	
19) Nitrobenzene-d5 (surr)	0.000	82	0d	0.00	µg/mL	
39) 2-Fluorobiphenyl (surr)	0.000	172	0	0.00	µg/mL	
57) Fluorene-d10 (surr)	0.000	176	0d	0.00	µg/mL	
65) 2,4,6-Tribromophenol (...)	0.000	330	0	0.00	µg/mL	
75) Pyrene-d10 (surr)	0.000	212	0	0.00	µg/mL	
77) Terphenyl-d14 (surr)	0.000	244	0	0.00	µg/mL	

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.137	74	56836	5.98	µg/mL	86
3) Pyridine	3.206	79	120488	7.62	µg/mL#	82
6) Phenol (CCC)	4.884	94	84077	5.15	µg/mL#	92
7) Aniline	4.964	66	47342	6.41	µg/mL#	24
8) bis(2-Chloroethyl)ether	4.985	63	84053	8.71	µg/mL#	17
9) 2-Chlorophenol	5.087	128	123205	8.36	µg/mL	95
10) 1,3-Dichlorobenzene	5.231	146	168452	9.96	µg/mL	100
11) 1,4-Dichlorobenzene (CCC)	5.295	146	172880	10.08	µg/mL	99
12) Benzyl alcohol	5.359	108	59658	7.50	µg/mL	83
13) 1,2-Dichlorobenzene	5.439	146	159041	9.86	µg/mL	95
14) 2-Methylphenol	5.439	107	78188	7.23	µg/mL	98
15) bis(2-Chloroisopropyl)...	5.477	45	112855	9.47	µg/mL#	70
16) 3/4-Methylphenol	5.573	107	86262	6.09	µg/mL	94
17) N-Nitrso-di-n-propylam...	5.594	70	88452	8.97	µg/mL#	76
18) Hexachloroethane	5.765	117	66079	10.54	µg/mL	87
20) Nitrobenzene	5.797	77	108639	7.67	µg/mL#	85
22) Isophorone	6.006	82	228045	8.94	µg/mL	96
23) 2,4-Dimethylphenol	6.091	107	103103	8.19	µg/mL	87
24) 2-Nitrophenol (CCC)	6.102	139	60117	7.53	µg/mL#	84
25) Benzoic acid	0.000		0	N.D.		
26) bis(2-Chloroethoxy)met...	6.182	93	130570	8.40	µg/mL	98
27) 2,4-Dichlorophenol (CCC)	6.326	162	91586	8.21	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.428	180	145703	9.92	µg/mL	99
29) Naphthalene	6.513	128	410040	9.74	µg/mL	89
30) 4-Chloroaniline	6.529	65	25011	5.28	µg/mL	93
31) Hexachlorobutadiene (CCC)	6.620	225	94496	10.70	µg/mL	98
32) 4-Chloro-3 methylpheno...	6.973	107	50780	4.76	µg/mL	90
33) 2-Methylnaphthalene	7.192	142	262151	9.72	µg/mL	98
34) 1-Methylnaphthalene	7.293	142	251662	9.65	µg/mL	100
35) Hexachlorocyclopentadi...	7.352	237	85954	9.53	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.459	196	58896	6.67	µg/mL	99
38) 2,4,5-Trichlorophenol	7.496	196	56969	6.43	µg/mL#	82
40) 2-Chloronaphthalene	7.689	162	233619	9.02	µg/mL	93
41) 2-Nitroaniline	7.758	65	21771	3.26	µg/mL	87
42) 1,4-Dinitrobenzene	7.881	168	16217m	3.81	µg/mL	
43) Dimethylphthalate	7.908	163	231722	7.88	µg/mL	100
44) 1,3-Dinitrobenzene	7.961	168	19068	3.89	µg/mL#	75
45) 2,6-Dinitrotoluene	7.982	165	37997	5.35	µg/mL#	63
46) 1,2-Dinitrobenzene	8.052	168	11788	3.54	µg/mL#	85

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100088.D
 Acq On : 5 Feb 2011 7:20 pm
 Operator : tdd
 Sample : 0211-22 XAD-2 SPK @ 50ug
 Misc : (50uL Mega Mix Spike, desorb w/ 5mLs Hexane)
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 07 07:38:47 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.111	152	341591	8.70	µg/mL	98
48) 3-Nitroaniline	8.169	138	13580	1.94	µg/mL#	71
49) Acenaphthene (CCC)	8.287	154	217516	8.66	µg/mL	98
50) 2,4-Dinitrophenol (SPCC)	0.000		0	N.D.	d	
51) 4-Nitrophenol (SPCC)	8.287	139	2488	0.50	µg/mL#	70
52) 2,4-Dinitrotoluene	8.399	165	43425	4.92	µg/mL	97
53) Dibenzofuran	8.453	168	315980	9.23	µg/mL	93
54) 2,3,5,6-Tetrachlorophenol	8.522	232	38534	5.18	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.570	232	48082	6.39	µg/mL#	80
56) Diethylphthalate	8.607	149	266605	9.35	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.768	204	137669	9.13	µg/mL	92
59) Fluorene	8.805	166	259675	9.23	µg/mL	98
60) 4-Nitroaniline	0.000		0	N.D.	d	
61) 4,6-Dinitro2-methylphenol	8.821	198	11966	2.53	µg/mL#	36
62) N-Nitrosodiphenylamine...	8.880	169	185628	7.57	µg/mL	95
63) Azobenzene	8.933	77	236085	9.24	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.270	248	83538	9.02	µg/mL	97
67) Hexachlorobenzene	9.377	284	95841	9.98	µg/mL	96
68) Pentachlorophenol (CCC)	9.558	266	15730m	3.08	µg/mL	
69) Phenanthrene	9.788	178	342620	8.58	µg/mL	100
70) Anthracene	9.841	178	339357	8.52	µg/mL	98
71) Carbazole	9.980	167	124344	3.59	µg/mL	99
72) Di-n-butylphthalate	10.253	149	470328	10.62	µg/mL	99
73) Fluoranthene (CCC)	11.001	202	337709	8.13	µg/mL	98
74) Benzidine	0.000		0	N.D.		
76) Pyrene	11.241	202	360004	8.07	µg/mL	99
79) Butylbenzylphthalate	11.786	149	149927	7.58	µg/mL#	100
80) 3,3-Dimethylbenzidine	0.000		0	N.D.	d	
81) bis(2-ethylhexyl)adipate	11.813	129	171199	9.70	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.400	149	257579	9.50	µg/mL#	98
83) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
84) Benzo(a)anthracene	12.539	228	297607	6.89	µg/mL	98
85) Chrysene	12.587	228	276255	6.79	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.250	149	375483	8.77	µg/mL#	100
88) Benzo(b)fluoranthene	14.078	252	251332m	6.29	µg/mL	
89) Benzo(k)fluoranthene	14.121	252	247196	6.33	µg/mL	95
90) Benzo(e)pyrene	0.000		0	N.D.	d	
91) Benzo(a)pyrene (CCC)	14.639	252	210298	5.72	µg/mL	98
92) Perylene	0.000		0	N.D.	d	
93) Indeno(1,2,3-cd)pyrene	16.754	276	212037	5.83	µg/mL	98
94) Dibenz(a,h)anthracene	16.760	278	172273	5.62	µg/mL	98
95) Benzo(g,h,i)perylene	17.331	276	178239	6.01	µg/mL	98

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

Calibration
Curve E j t q o c v q i t c o u
.....*Uecp+



Response Factor Report

Sample ID	LID	FileName	Acq. Date		
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56		
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26	Inst:	Wiley
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55		
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25	Curve:	W101810X-8270.M
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54		
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24		
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54		

PASS

#	Name	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	Average RF	%RSD	Pass/Fail
2)	N-Nitrosodimethylamine	0.765	0.750	0.746	0.776	0.804	0.779	0.771	0.770	2.53%	Pass
3)	Pyridine	1.22	1.27	1.26	1.30	1.34	1.29	1.28	1.28	2.86%	Pass
6)	Phenol (CCC)	1.41	1.40	1.36	1.31	1.30	1.24	1.25	1.32	4.92%	Pass
7)	Aniline	0.610	0.609	0.599	0.603	0.601	0.589	0.581	0.599	1.76%	Pass
8)	bis(2-Chloroethyl)ether	0.802	0.798	0.796	0.794	0.789	0.756	0.741	0.782	3.03%	Pass
9)	2-Chlorophenol	1.21	1.22	1.19	1.20	1.22	1.17	1.16	1.19	2.03%	Pass
10)	1,3-Dichlorobenzene	1.41	1.41	1.35	1.36	1.39	1.35	1.32	1.37	2.38%	Pass
11)	1,4-Dichlorobenzene (CCC)	1.43	1.44	1.37	1.38	1.41	1.37	1.34	1.39	2.74%	Pass
12)	Benzyl alcohol	0.611	0.652	0.658	0.643	0.653	0.644	0.653	0.645	2.46%	Pass
13)	1,2-Dichlorobenzene	1.36	1.36	1.28	1.30	1.32	1.28	1.26	1.31	3.08%	Pass
14)	2-Methylphenol	0.918	0.906	0.897	0.861	0.869	0.829	0.856	0.876	3.59%	Pass
15)	bis(2-Chloroisopropyl) ether	1.02	0.992	0.981	0.982	0.960	0.921	0.913	0.966	3.88%	Pass
16)	3/4-Methylphenol	1.16	1.16	1.14	1.13	1.14	1.15	1.16	1.15	1.08%	Pass
17)	N-Nitro-di-n-propylamine (SPCC)	0.793	0.809	0.795	0.802	0.806	0.801	0.790	0.799	0.88%	Pass
18)	Hexachloroethane	0.504	0.505	0.493	0.512	0.523	0.514	0.506	0.508	1.83%	Pass
20)	Nitrobenzene	1.21	1.19	1.17	1.15	1.13	1.09	1.10	1.15	3.86%	Pass
22)	Isophorone	0.581	0.598	0.572	0.593	0.593	0.586	0.565	0.584	2.07%	Pass
23)	2,4-Dimethylphenol	0.221	0.233	0.273	0.305	0.328	0.335	0.322	0.288	16.2%	Warning
24)	2-Nitrophenol (CCC)	0.168	0.177	0.178	0.184	0.192	0.190	0.190	0.183	4.80%	Pass
25)	Benzoic acid	0.0945	0.124	0.172	0.216	0.233	0.258	0.258	0.194	33.6%	Warning
26)	bis(2-Chloroethoxy)methane	0.369	0.365	0.353	0.355	0.360	0.350	0.337	0.356	3.01%	Pass
27)	2,4-Dichlorophenol (CCC)	0.214	0.247	0.234	0.262	0.271	0.280	0.277	0.255	9.58%	Pass
28)	1,2,4-Trichlorobenzene	0.344	0.342	0.327	0.328	0.343	0.338	0.331	0.336	2.16%	Pass
29)	Naphthalene	1.04	1.02	0.978	0.957	0.967	0.912	0.868	0.963	6.20%	Pass
30)	4-Chloroaniline	0.106	0.109	0.106	0.109	0.111	0.111	0.107	0.108	1.99%	Pass
31)	Hexachlorobutadiene (CCC)	0.200	0.201	0.193	0.196	0.209	0.209	0.207	0.202	3.13%	Pass
32)	4-Chloro-3 methylphenol (CCC)	0.202	0.218	0.230	0.256	0.260	0.273	0.270	0.244	11.3%	Pass
33)	2-Methylnaphthalene	0.636	0.630	0.610	0.615	0.620	0.618	0.590	0.617	2.43%	Pass
34)	1-Methylnaphthalene	0.619	0.606	0.594	0.594	0.599	0.599	0.566	0.597	2.72%	Pass
35)	Hexachlorocyclopentadiene (SPCC)	0.182	0.177	0.197	0.218	0.217	0.233	0.222	0.206	10.3%	Pass
37)	2,4,6-Trichlorophenol (CCC)	0.333	0.356	0.349	0.364	0.380	0.374	0.378	0.362	4.76%	Pass
38)	2,4,5-Trichlorophenol	0.319	0.352	0.353	0.364	0.382	0.380	0.391	0.363	6.72%	Pass
40)	2-Chloronaphthalene	1.11	1.11	1.05	1.05	1.07	1.03	1.00	1.06	3.77%	Pass
41)	2-Nitroaniline	0.241	0.263	0.268	0.283	0.295	0.282	0.285	0.274	6.61%	Pass
42)	1,4-Dinitrobenzene	0.134	0.154	0.161	0.184	0.194	0.194	0.201	0.175	14.4%	Pass
43)	Dimethylphthalate	1.22	1.24	1.16	1.20	1.25	1.17	1.19	1.20	2.61%	Pass
44)	1,3-Dinitrobenzene	0.168	0.187	0.188	0.206	0.219	0.214	0.221	0.201	9.86%	Pass
45)	2,6-Dinitrotoluene	0.275	0.286	0.276	0.290	0.308	0.296	0.305	0.291	4.50%	Pass
46)	1,2-Dinitrobenzene	0.122	0.131	0.126	0.137	0.149	0.141	0.147	0.136	7.46%	Pass
47)	Acenaphthylene	1.67	1.69	1.64	1.62	1.62	1.52	1.49	1.61	4.55%	Pass
48)	3-Nitroaniline	0.260	0.278	0.270	0.292	0.303	0.297	0.304	0.286	6.00%	Pass
49)	Acenaphthene (CCC)	1.08	1.05	1.00	1.02	1.04	1.01	1.00	1.03	2.83%	Pass
50)	2,4-Dinitrophenol (SPCC)	0.0615	0.0781	0.108	0.150	0.170	0.180	0.195	0.135	38.9%	Warning
51)	4-Nitrophenol (SPCC)	0.140	0.160	0.182	0.222	0.237	0.238	0.248	0.204	21.0%	Warning
52)	2,4-Dinitrotoluene	0.312	0.342	0.342	0.368	0.398	0.375	0.391	0.361	8.45%	Pass
53)	Dibenzofuran	1.49	1.45	1.39	1.40	1.42	1.35	1.33	1.40	3.93%	Pass
54)	2,3,5,6-Tetrachlorophenol	0.253	0.270	0.275	0.310	0.337	0.333	0.354	0.305	12.7%	Pass
55)	2,3,4,6-Tetrachlorophenol	0.268	0.279	0.286	0.312	0.338	0.333	0.341	0.308	9.89%	Pass
56)	Diethylphthalate	1.20	1.19	1.15	1.18	1.22	1.12	1.12	1.17	3.42%	Pass
58)	4-Chlorophenyl-phenylether	0.615	0.611	0.590	0.608	0.638	0.625	0.637	0.618	2.75%	Pass
59)	Fluorene	1.18	1.17	1.13	1.16	1.18	1.12	1.13	1.15	2.19%	Pass
60)	4-Nitroaniline	0.226	0.238	0.251	0.288	0.305	0.292	0.307	0.272	12.2%	Pass
61)	4,6-Dinitro2-methylphenol	0.117	0.138	0.166	0.210	0.237	0.235	0.253	0.194	27.6%	Warning
62)	N-Nitrosodiphenylamine (CCC)	1.01	1.02	0.970	1.01	1.04	0.982	1.01	1.01	2.42%	Pass
63)	Azobenzene	1.09	1.05	1.05	1.09	1.08	0.993	0.982	1.05	4.20%	Pass
66)	4-Bromophenyl-phenylether	0.203	0.210	0.203	0.203	0.212	0.217	0.218	0.210	3.21%	Pass
67)	Hexachlorobenzene	0.212	0.214	0.205	0.211	0.222	0.229	0.228	0.217	4.23%	Pass
68)	Pentachlorophenol (CCC)	0.0781	0.0932	0.0988	0.121	0.134	0.142	0.144	0.116	22.4%	Pass
69)	Phenanthrene	0.964	0.953	0.898	0.904	0.906	0.861	0.834	0.903	5.10%	Pass
70)	Anthracene	0.936	0.928	0.910	0.915	0.914	0.875	0.833	0.902	3.98%	Pass
71)	Carbazole	0.799	0.795	0.759	0.788	0.812	0.771	0.757	0.783	2.72%	Pass
72)	Di-n-butylphthalate	1.00	1.07	1.01	1.04	1.05	0.947	0.883	1.00	6.64%	Pass
73)	Fluoranthene (CCC)	0.951	0.993	0.905	0.947	0.990	0.914	0.877	0.940	4.61%	Pass
74)	Benzidine	0.402	0.387	0.430	0.496	0.557	0.573	0.549	0.485	16.1%	Warning
76)	Pyrene	1.06	1.08	0.980	1.01	1.06	0.962	0.911	1.01	6.18%	Pass
79)	Butylbenzylphthalate	0.405	0.435	0.438	0.451	0.473	0.444	0.448	0.442	4.65%	Pass
80)	3,3-Dimethylbenzidine	0.536	0.557	0.578	0.639	0.677	0.680	0.686	0.622	10.3%	Pass
81)	bis(2-ethylhexyl)adipate	0.377	0.397	0.397	0.404	0.411	0.382	0.392	0.394	3.06%	Pass
82)	bis(2-Ethylhexyl)phthalate	0.525	0.584	0.609	0.645	0.659	0.610	0.611	0.606	7.17%	Pass
83)	3,3'-Dichlorobenzidine	0.287	0.269	0.276	0.274	0.284	0.331	0.348	0.295	10.5%	Pass
84)	Benzo(a)anthracene	0.987	0.969	0.947	0.963	0.986	0.961	0.947	0.966	1.70%	Pass

Response Factor Report

Sample ID	LID	FileName	Acq. Date
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54

Inst: Wiley
Curve: [W101810X-8270.M](#)

PASS

#	Name	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	Average RF	%RSD	Pass/Fail
85)	Chrysene	0.936	0.933	0.887	0.913	0.922	0.892	0.885	0.910	2.40%	Pass
86)	Di-n-octylphthalate (CCC)	0.760	0.888	0.977	1.06	1.06	1.00	0.963	0.957	11.0%	Pass
88)	Benzo(b)fluoranthene	0.943	0.967	0.920	0.973	1.09	1.01	1.10	1.00	7.04%	Pass
89)	Benzo(k)fluoranthene	0.945	0.983	0.952	0.969	1.01	1.00	0.979	0.977	2.46%	Pass
90)	Benzo(e)pyrene	0.864	0.881	0.857	0.874	0.938	0.906	0.918	0.891	3.39%	Pass
91)	Benzo(a)pyrene (CCC)	0.859	0.882	0.882	0.916	0.985	0.951	0.962	0.920	5.17%	Pass
92)	Perylene	0.956	0.966	0.933	0.942	1.00	0.962	0.963	0.960	2.07%	Pass
93)	Indeno(1,2,3-cd)pyrene	0.879	0.842	0.966	0.984	0.937	0.909	0.851	0.910	6.09%	Pass
94)	Dibenz(a,h)anthracene	0.723	0.701	0.808	0.828	0.793	0.781	0.737	0.767	6.15%	Pass
95)	Benzo(g,h,i)perylene	0.744	0.707	0.815	0.812	0.747	0.711	0.657	0.742	7.72%	Pass

Average % 6.7%

SPCC Average RF must be > 0.05
CCC %RSD must be <= 30%
Other %RSD <= 15%
Average %RSD <= 15%
No %RSD > 50%

Relative Retention Time Report

Sample ID	LID	FileName	Acq. Date
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54

Inst: Wiley

Curve: [W101810X-8270.M](#)

		SCAN	SCAN	SCAN	SCAN	SCAN	SCAN	SCAN	
		gcms22pg1	gcms22pg1	gcms22pg1	gcms22pg1	gcms22pg1	gcms22pg1	gcms22pg1	Average
#	Name	25	25	25	25	25	25	25	RRT
2)	N-Nitrosodimethylamine	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.60
3)	Pyridine	0.62	0.62	0.62	0.62	0.61	0.62	0.62	0.62
6)	Phenol (CCC)	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
7)	Aniline	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
8)	bis(2-Chloroethyl)ether	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
9)	2-Chlorophenol	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.96
10)	1,3-Dichlorobenzene	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
11)	1,4-Dichlorobenzene (CCC)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12)	Benzyl alcohol	1.01	1.01	1.01	1.02	1.02	1.02	1.02	1.02
13)	1,2-Dichlorobenzene	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
14)	2-Methylphenol	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
15)	bis(2-Chloroisopropyl) ether	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
16)	3/4-Methylphenol	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.05
17)	N-Nitroso-di-n-propylamine (SPCC)	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
18)	Hexachloroethane	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
20)	Nitrobenzene	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
22)	Isophorone	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
23)	2,4-Dimethylphenol	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
24)	2-Nitrophenol (CCC)	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
25)	Benzoic acid	0.94	0.94	0.94	0.95	0.95	0.95	0.96	0.95
26)	bis(2-Chloroethoxy)methane	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
27)	2,4-Dichlorophenol (CCC)	0.97	0.98	0.98	0.97	0.97	0.98	0.98	0.98
28)	1,2,4-Trichlorobenzene	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
29)	Naphthalene	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30)	4-Chloroaniline	1.01	1.01	1.01	1.00	1.01	1.01	1.01	1.01
31)	Hexachlorobutadiene (CCC)	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
32)	4-Chloro-3 methylphenol (CCC)	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
33)	2-Methylnaphthalene	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
34)	1-Methylnaphthalene	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
35)	Hexachlorocyclopentadiene (SPCC)	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
37)	2,4,6-Trichlorophenol (CCC)	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
38)	2,4,5-Trichlorophenol	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
40)	2-Chloronaphthalene	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
41)	2-Nitroaniline	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
42)	1,4-Dinitrobenzene	0.95	0.95	0.96	0.95	0.96	0.96	0.96	0.96
43)	Dimethylphthalate	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
44)	1,3-Dinitrobenzene	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97
45)	2,6-Dinitrotoluene	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
46)	1,2-Dinitrobenzene	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
47)	Acenaphthylene	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
48)	3-Nitroaniline	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
49)	Acenaphthene (CCC)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50)	2,4-Dinitrophenol (SPCC)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
51)	4-Nitrophenol (SPCC)	1.00	1.00	1.00	1.00	1.00	1.01	1.01	1.00
52)	2,4-Dinitrotoluene	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
53)	Dibenzofuran	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
54)	2,3,5,6-Tetrachlorophenol	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
55)	2,3,4,6-Tetrachlorophenol	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
56)	Diethylphthalate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
58)	4-Chlorophenyl-phenylether	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
59)	Fluorene	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
60)	4-Nitroaniline	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.06
61)	4,6-Dinitro2-methylphenol	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
62)	N-Nitrosodiphenylamine (CCC)	1.07	1.07	1.08	1.07	1.07	1.08	1.08	1.08
63)	Azobenzene	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
66)	4-Bromophenyl-phenylether	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
67)	Hexachlorobenzene	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
68)	Pentachlorophenol (CCC)	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
69)	Phenanthrene	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
70)	Anthracene	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
71)	Carbazole	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02

Relative Retention Time Report

Sample ID	LID	FileName	Acq. Date
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54

Inst: Wiley

Curve: [W101810X-8270.M](#)

#	Name	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	Average RRT
72)	Di-n-butylphthalate	1.05	1.05	1.05	1.05	1.05	1.05	1.05
73)	Fluoranthene (CCC)	1.13	1.13	1.13	1.13	1.13	1.13	1.13
74)	Benzidine	1.13	1.13	1.13	1.13	1.13	1.13	1.13
76)	Pyrene	1.15	1.15	1.15	1.15	1.15	1.15	1.15
79)	Butylbenzylphthalate	0.94	0.94	0.94	0.94	0.94	0.94	0.94
80)	3,3-Dimethylbenzidine	0.94	0.94	0.94	0.94	0.94	0.94	0.94
81)	bis(2-ethylhexyl)adipate	0.94	0.94	0.94	0.94	0.94	0.94	0.94
82)	bis(2-Ethylhexyl)phthalate	0.99	0.99	0.99	0.99	0.99	0.99	0.99
83)	3,3'-Dichlorobenzidine	0.99	0.99	0.99	0.99	0.99	0.99	0.99
84)	Benzo(a)anthracene	1.00	1.00	1.00	1.00	1.00	1.00	1.00
85)	Chrysene	1.00	1.00	1.00	1.00	1.00	1.00	1.00
86)	Di-n-octylphthalate (CCC)	1.06	1.06	1.06	1.06	1.05	1.05	1.06
88)	Benzo(b)fluoranthene	0.95	0.95	0.95	0.95	0.96	0.96	0.96
89)	Benzo(k)fluoranthene	0.96	0.96	0.96	0.96	0.96	0.96	0.96
90)	Benzo(e)pyrene	0.99	0.99	0.99	0.99	0.99	0.99	0.99
91)	Benzo(a)pyrene (CCC)	0.99	0.99	0.99	0.99	0.99	0.99	0.99
92)	Perylene	1.00	1.00	1.00	1.00	1.00	1.00	1.00
93)	Indeno(1,2,3-cd)pyrene	1.14	1.14	1.14	1.14	1.14	1.14	1.14
94)	Dibenz(a,h)anthracene	1.14	1.14	1.14	1.14	1.14	1.14	1.14
95)	Benzo(g,h,i)perylene	1.18	1.18	1.18	1.18	1.18	1.18	1.18

= RRT outside 0.06 unit RRT window

Internal Standards Retention Time Report

Sample ID	LID	FileName	Acq. Date
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54

Inst: Wiley

Curve: [W101810X-8270.M](#)

#	Name	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	SCAN gcms22pg1	Average
1)	1,4-Dichlorobenzene-d4 (I)	5.38	5.38	5.38	5.38	5.38	5.38	5.38	5.38
21)	Naphthalene-d8 (I)	6.58	6.58	6.58	6.59	6.59	6.59	6.59	6.59
36)	Acenaphthene-d10 (I)	8.34	8.34	8.34	8.35	8.35	8.35	8.35	8.34
64)	Phenanthrene-d10 (I)	9.85	9.85	9.85	9.85	9.85	9.86	9.86	9.85
78)	Chrysene-d12 (I)	12.66	12.66	12.66	12.66	12.67	12.67	12.67	12.67
87)	Perylene-d12 (I)	14.89	14.89	14.90	14.90	14.90	14.90	14.90	14.90

= ISTD retention time outside of 20 sec (0.33 min) window

Internal Standards Area Report

Sample ID	LID	FileName	Acq. Date
SSTD005-SCAN gcms22pg125	5	W1002873.D	10/18/10 17:56
SSTD010-SCAN gcms22pg125	10	W1002874.D	10/18/10 18:26
SSTD020-SCAN gcms22pg125	20	W1002875.D	10/18/10 18:55
SSTD050-SCAN gcms22pg125	50	W1002876.D	10/18/10 19:25
SSTD080-SCAN gcms22pg125	80	W1002877.D	10/18/10 19:54
SSTD120-SCAN gcms22pg125	120	W1002878.D	10/18/10 20:24
SSTD160-SCAN gcms22pg125	160	W1002879.D	10/18/10 20:54

Inst: Wiley

Curve: [W101810X-8270.M](#)

#	Name	SCAN	SCAN	SCAN	SCAN	SCAN	SCAN	SCAN	Average
		gcms22pg1 25	gcms22pg1 25	gcms22pg1 25	gcms22pg1 25	gcms22pg1 25	gcms22pg1 25	gcms22pg1 25	
1)	1,4-Dichlorobenzene-d4 (I)	694,978	706,693	720,068	655,591	662,846	708,059	673,532	688,824
21)	Naphthalene-d8 (I)	2,450,968	2,486,145	2,542,711	2,346,284	2,259,727	2,432,537	2,366,580	2,412,136
36)	Acenaphthene-d10 (I)	1,342,042	1,339,110	1,390,154	1,314,587	1,246,926	1,402,728	1,358,679	1,342,032
64)	Phenanthrene-d10 (I)	2,316,172	2,294,140	2,354,525	2,336,676	2,303,538	2,472,354	2,516,253	2,370,523
78)	Chrysene-d12 (I)	2,072,984	2,146,192	2,151,499	2,279,787	2,250,870	2,393,551	2,291,395	2,226,611
87)	Perylene-d12 (I)	1,889,069	1,945,018	2,135,523	2,168,681	1,934,135	2,217,223	1,886,569	2,025,174

= ISTD response outside of 40% window

Method Path : M:\ms2010\methods\wiley\
 Method File : W101810X-8270.M
 Title : 8270C - Full List
 Last Update : Wed Oct 20 14:58:44 2010
 Response Via : Initial Calibration

Calibration Files

5 =W1002873.D 10 =W1002874.D 20 =W1002875.D 50 =W1002876.D 80 =W1002877.D 120 =W1002878.D 160 =W1002879.D

	Compound	5	10	20	50	80	120	160	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	N-Nitrosodimet...	0.765	0.750	0.746	0.776	0.804	0.779	0.771	0.770	2.53
3)	Pyridine	1.222	1.265	1.264	1.297	1.341	1.294	1.285	1.281	2.86
4) S	2-Fluorophenol...	1.045	1.074	1.070	1.099	1.147	1.110	1.090	1.091	3.01
5) S	Phenol-d5 (surr)	1.311	1.311	1.309	1.254	1.264	1.206	1.223	1.268	3.47
6)	Phenol (CCC)	1.405	1.396	1.358	1.311	1.305	1.242	1.252	1.324	4.92
7)	Aniline	0.610	0.609	0.599	0.603	0.601	0.589	0.581	0.599	1.76
8)	bis(2-Chloroet...	0.802	0.798	0.796	0.794	0.789	0.756	0.741	0.782	3.03
9)	2-Chlorophenol	1.208	1.222	1.187	1.196	1.221	1.172	1.158	1.195	2.03
10)	1,3-Dichlorobe...	1.410	1.409	1.354	1.362	1.389	1.347	1.325	1.371	2.39
11)	1,4-Dichlorobe...	1.434	1.439	1.366	1.385	1.406	1.367	1.335	1.390	2.74
12)	Benzyl alcohol	0.611	0.652	0.658	0.643	0.653	0.644	0.653	0.645	2.46
13)	1,2-Dichlorobe...	1.361	1.357	1.281	1.300	1.317	1.278	1.255	1.307	3.08
14)	2-Methylphenol	0.918	0.906	0.897	0.861	0.869	0.829	0.856	0.876	3.59
15)	bis(2-Chlorois...	1.016	0.992	0.981	0.982	0.960	0.921	0.913	0.966	3.88
16)	3/4-Methylphenol	1.159	1.159	1.144	1.128	1.137	1.146	1.160	1.148	1.08
17)	N-Nitrso-di-n-...	0.793	0.809	0.795	0.802	0.806	0.801	0.790	0.799	0.88
18)	Hexachloroethane	0.504	0.505	0.493	0.512	0.523	0.514	0.506	0.508	1.83
19) S	Nitrobenzene-d...	1.270	1.240	1.263	1.260	1.240	1.211	1.232	1.245	1.65
20)	Nitrobenzene	1.211	1.185	1.169	1.153	1.131	1.090	1.101	1.149	3.86
21) I	Naphthalene-d8 (I)	-----ISTD-----								
22)	Isophorone	0.581	0.598	0.572	0.593	0.593	0.586	0.565	0.584	2.07
23)	2,4-Dimethylph...	0.221	0.233	0.273	0.305	0.328	0.335	0.322	0.288	16.20
24)	2-Nitrophenol ...	0.168	0.177	0.178	0.184	0.192	0.190	0.190	0.183	4.80
25)	Benzoic acid	0.094	0.124	0.172	0.216	0.233	0.258	0.258	0.194	33.64
26)	bis(2-Chloroet...	0.369	0.365	0.353	0.355	0.360	0.350	0.337	0.356	3.01
27)	2,4-Dichloroph...	0.214	0.247	0.234	0.262	0.271	0.280	0.277	0.255	9.58
28)	1,2,4-Trichlor...	0.344	0.342	0.327	0.328	0.343	0.338	0.331	0.336	2.16
29)	Naphthalene	1.040	1.023	0.978	0.957	0.967	0.912	0.868	0.963	6.20
30)	4-Chloroaniline	0.106	0.109	0.106	0.109	0.111	0.111	0.107	0.108	1.99
31)	Hexachlorobuta...	0.200	0.201	0.193	0.196	0.209	0.209	0.207	0.202	3.13
32)	4-Chloro-3 met...	0.202	0.218	0.230	0.256	0.260	0.273	0.270	0.244	11.29
33)	2-Methylnaphth...	0.636	0.630	0.610	0.615	0.620	0.618	0.590	0.617	2.43
34)	1-Methylnaphth...	0.619	0.606	0.594	0.594	0.599	0.599	0.566	0.597	2.72
35)	Hexachlorocycl...	0.182	0.177	0.197	0.218	0.217	0.233	0.222	0.206	10.31
36) I	Acenaphthene-d10 (I)	-----ISTD-----								
37)	2,4,6-Trichlor...	0.333	0.356	0.349	0.364	0.380	0.374	0.378	0.362	4.76
38)	2,4,5-Trichlor...	0.319	0.352	0.353	0.364	0.382	0.380	0.391	0.363	6.72
39) S	2-Fluorobiphen...	1.304	1.328	1.239	1.231	1.235	1.177	1.144	1.237	5.23
40)	2-Chloronaphth...	1.111	1.106	1.054	1.052	1.075	1.028	1.000	1.061	3.77
41)	2-Nitroaniline	0.241	0.263	0.268	0.283	0.295	0.282	0.285	0.274	6.61
42)	1,4-Dinitroben...	0.168	0.187	0.188	0.184	0.194	0.214	0.220	0.194	9.27

Method Path : M:\ms2010\methods\wiley\
 Method File : W101810X-8270.M

43)		Dimethylphthalate	1.221	1.235	1.164	1.196	1.248	1.173	1.194	1.204	2.61
44)		1,3-Dinitroben...	0.168	0.187	0.188	0.206	0.219	0.214	0.221	0.201	9.86
45)		2,6-Dinitrotol...	0.275	0.286	0.276	0.290	0.308	0.296	0.305	0.291	4.50
46)		1,2-Dinitroben...	0.122	0.131	0.126	0.137	0.149	0.141	0.147	0.136	7.46
47)		Acenaphthylene	1.672	1.689	1.638	1.625	1.621	1.524	1.493	1.609	4.55
48)		3-Nitroaniline	0.260	0.278	0.270	0.292	0.303	0.297	0.304	0.286	6.00
49)		Acenaphthene (...)	1.081	1.050	1.001	1.016	1.036	1.014	1.003	1.029	2.83
50)		2,4-Dinitrophe...	0.062	0.078	0.108	0.150	0.170	0.180	0.195	0.135	38.88
51)		4-Nitrophenol ...	0.140	0.160	0.182	0.222	0.237	0.238	0.248	0.204	21.04
52)		2,4-Dinitrotol...	0.312	0.342	0.342	0.368	0.398	0.375	0.391	0.361	8.45
53)		Dibenzofuran	1.487	1.449	1.390	1.398	1.419	1.346	1.330	1.403	3.93
54)		2,3,5,6-Tetrac...	0.253	0.270	0.275	0.310	0.337	0.333	0.354	0.305	12.74
55)		2,3,4,6-Tetrac...	0.268	0.279	0.286	0.312	0.338	0.333	0.341	0.308	9.89
56)		Diethylphthalate	1.200	1.195	1.145	1.181	1.217	1.121	1.118	1.168	3.42
57)	S	Fluorene-d10 (...)	1.116	1.095	1.057	1.106	1.142	1.079	1.094	1.098	2.46
58)		4-Chlorophenyl...	0.615	0.611	0.590	0.608	0.638	0.625	0.637	0.618	2.75
59)		Fluorene	1.179	1.168	1.134	1.163	1.176	1.118	1.126	1.152	2.19
60)		4-Nitroaniline	0.226	0.238	0.251	0.288	0.305	0.292	0.307	0.272	12.19
61)		4,6-Dinitro2-m...	0.117	0.138	0.166	0.210	0.237	0.235	0.253	0.194	27.59
62)		N-Nitrosodiphe...	1.007	1.023	0.970	1.005	1.044	0.982	1.005	1.005	2.42
63)		Azobenzene	1.086	1.047	1.052	1.086	1.084	0.993	0.982	1.047	4.20
64)	I	Phenanthrene-d10 (I)	-----ISTD-----								
65)	S	2,4,6-Tribromo...	0.077	0.084	0.084	0.090	0.098	0.103	0.106	0.092	11.84
66)		4-Bromophenyl-...	0.203	0.210	0.203	0.203	0.212	0.217	0.218	0.210	3.21
67)		Hexachlorobenzene	0.212	0.214	0.205	0.211	0.222	0.229	0.228	0.217	4.23
68)		Pentachlorophe...	0.078	0.093	0.099	0.121	0.134	0.142	0.144	0.116	22.41
69)		Phenanthrene	0.964	0.953	0.898	0.904	0.906	0.861	0.834	0.903	5.10
70)		Anthracene	0.936	0.928	0.910	0.915	0.914	0.875	0.833	0.902	3.98
71)		Carbazole	0.799	0.795	0.759	0.788	0.812	0.771	0.757	0.783	2.72
72)		Di-n-butylphth...	1.003	1.072	1.014	1.042	1.052	0.947	0.883	1.002	6.64
73)		Fluoranthene (...)	0.951	0.993	0.905	0.947	0.990	0.914	0.877	0.940	4.61
74)		Benzidine	0.402	0.387	0.430	0.496	0.557	0.573	0.549	0.485	16.12
75)	S	Pyrene-d10 (surr)	0.839	0.867	0.797	0.836	0.875	0.823	0.799	0.834	3.62
76)		Pyrene	1.059	1.084	0.980	1.010	1.060	0.962	0.911	1.009	6.18
77)	S	Terphenyl-d14 ...	0.659	0.687	0.613	0.662	0.712	0.669	0.644	0.664	4.70
78)	I	Chrysene-d12 (I)	-----ISTD-----								
79)		Butylbenzylpht...	0.405	0.435	0.438	0.451	0.473	0.444	0.448	0.442	4.65
80)		3,3-Dimethylbe...	0.536	0.557	0.578	0.639	0.677	0.680	0.686	0.622	10.25
81)		bis(2-ethylhex...	0.377	0.397	0.397	0.404	0.411	0.382	0.392	0.394	3.06
82)		bis(2-Ethylhex...	0.525	0.584	0.609	0.645	0.659	0.610	0.611	0.606	7.17
83)		3,3'-Dichlorob...	0.287	0.269	0.276	0.274	0.284	0.331	0.348	0.295	10.53
84)		Benzo(a) anthra...	0.987	0.969	0.947	0.963	0.986	0.961	0.947	0.966	1.70
85)		Chrysene	0.936	0.933	0.887	0.913	0.922	0.892	0.885	0.910	2.40
86)		Di-n-octylphth...	0.760	0.888	0.977	1.058	1.060	0.996	0.963	0.957	10.97
87)	I	Perylene-d12 (I)	-----ISTD-----								
88)		Benzo(b) fluora...	0.943	0.967	0.920	0.973	1.090	1.010	1.100	1.000	7.04
89)		Benzo(k) fluora...	0.945	0.983	0.952	0.969	1.014	0.996	0.979	0.977	2.46
90)		Benzo(e) pyrene	0.864	0.881	0.857	0.874	0.938	0.906	0.918	0.891	3.39
91)		Benzo(a) pyrene...	0.859	0.882	0.882	0.916	0.985	0.951	0.962	0.920	5.17
92)		Perylene	0.956	0.966	0.933	0.942	0.996	0.962	0.963	0.960	2.07
93)		Indeno(1,2,3-c...	0.744	0.707	0.815	0.984	0.937	0.711	0.657	0.794	15.66

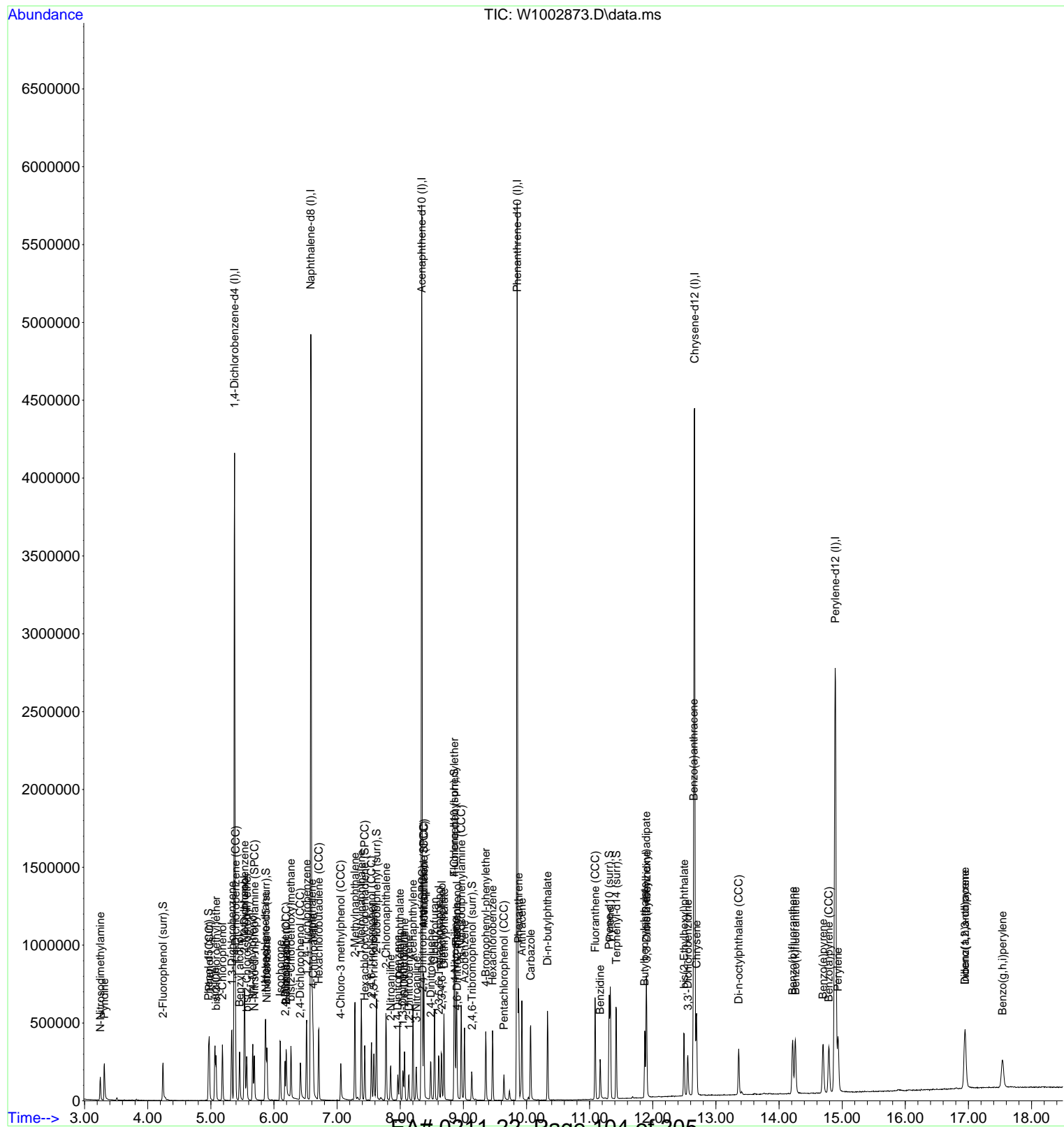
Method Path : M:\ms2010\methods\wiley\
Method File : W101810X-8270.M

94)	Dibenz(a,h)ant...	0.723	0.701	0.808	0.828	0.793	0.781	0.737	0.767	6.15
95)	Benzo(g,h,i)pe...	0.744	0.707	0.815	0.812	0.747	0.711	0.657	0.742	7.72

(#) = Out of Range

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002873.D
 Acq On : 18 Oct 2010 5:56 pm
 Operator : dda
 Sample : SST005-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:12:33 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:41:33 2010
 Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002873.D
 Acq On : 18 Oct 2010 5:56 pm
 Operator : dda
 Sample : SSTD005-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:12:33 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:41:33 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	694978	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.583	136	2450968	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.340	164	1342042	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2316172	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.662	240	2072984	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.890	264	1889069	40.00	µg/mL	0.00

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.243	112	90746	4.79	µg/mL	0.00
5) Phenol-d5 (surr)	4.964	99	113905	5.17	µg/mL	-0.02
19) Nitrobenzene-d5 (surr)	5.872	82	110324	5.10	µg/mL	-0.01
39) 2-Fluorobiphenyl (surr)	7.624	172	218740	5.27	µg/mL	0.00
57) Fluorene-d10 (surr)	8.858	176	187221	5.08	µg/mL	-0.01
65) 2,4,6-Tribromophenol (...)	9.136	330	22208	4.19	µg/mL	0.00
75) Pyrene-d10 (surr)	11.311	212	242828	5.03	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	190827	4.97	µg/mL	0.00

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.249	74	66491	4.97	µg/mL	91
3) Pyridine	3.313	79	106190	4.77	µg/mL#	83
6) Phenol (CCC)	4.975	94	122087	5.31	µg/mL#	91
7) Aniline	5.065	66	53017	5.10	µg/mL	91
8) bis(2-Chloroethyl)ether	5.082	63	69681	5.13	µg/mL	88
9) 2-Chlorophenol	5.183	128	104979	5.06	µg/mL	96
10) 1,3-Dichlorobenzene	5.333	146	122495	5.14	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	124574	5.16	µg/mL	96
12) Benzyl alcohol	5.455	108	53085	4.74	µg/mL	85
13) 1,2-Dichlorobenzene	5.536	146	118211	5.21	µg/mL#	95
14) 2-Methylphenol	5.530	107	79720	5.24	µg/mL	98
15) bis(2-Chloroisopropyl)...	5.568	45	88243	5.26	µg/mL#	81
16) 3/4-Methylphenol	5.664	107	100657	5.05	µg/mL	94
17) N-Nitrso-di-n-propylam...	5.691	70	68876	4.96	µg/mL#	67
18) Hexachloroethane	5.861	117	43746	4.95	µg/mL	87
20) Nitrobenzene	5.888	77	105233	5.27	µg/mL#	85
22) Isophorone	6.097	82	177985	4.97	µg/mL	97
23) 2,4-Dimethylphenol	6.177	107	67707m	3.72	µg/mL	Manual Int. "II" (EDE)
24) 2-Nitrophenol (CCC)	6.193	139	51599	4.61	µg/mL	
25) Benzoic acid	6.193	105	28941	2.44	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.267	93	112965	5.18	µg/mL	96
27) 2,4-Dichlorophenol (CCC)	6.417	162	65593	4.16	µg/mL#	95
28) 1,2,4-Trichlorobenzene	6.519	180	105411	5.12	µg/mL	98
29) Naphthalene	6.604	128	318534	5.40	µg/mL	93
30) 4-Chloroaniline	6.620	65	32494	4.89	µg/mL	77
31) Hexachlorobutadiene (CCC)	6.711	225	61216	4.94	µg/mL	98
32) 4-Chloro-3 methylpheno...	7.058	107	61911	4.14	µg/mL	89
33) 2-Methylnaphthalene	7.283	142	194818	5.15	µg/mL	100
34) 1-Methylnaphthalene	7.384	142	189695	5.19	µg/mL	97
35) Hexachlorocyclopentadi...	7.437	237	55760	4.41	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	55851	4.60	µg/mL	98
38) 2,4,5-Trichlorophenol	7.582	196	53497	4.39	µg/mL#	90
40) 2-Chloronaphthalene	7.774	162	186345	5.24	µg/mL	95
41) 2-Nitroaniline	7.849	65	40358	4.40	µg/mL#	83
42) 1,4-Dinitrobenzene	7.961	168	22517m	3.85	µg/mL	Manual Int. "WP" (EDE)
43) Dimethylphthalate	7.993	163	204773	5.07	µg/mL	
44) 1,3-Dinitrobenzene	8.041	168	28240	4.20	µg/mL#	62
45) 2,6-Dinitrotoluene	8.068	165	46163	4.73	µg/mL#	84
46) 1,2-Dinitrobenzene	8.137	168	20495	4.48	µg/mL	89

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002873.D
 Acq On : 18 Oct 2010 5:56 pm
 Operator : dda
 Sample : SST005-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:12:33 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:41:33 2010
 Response via : Initial Calibration

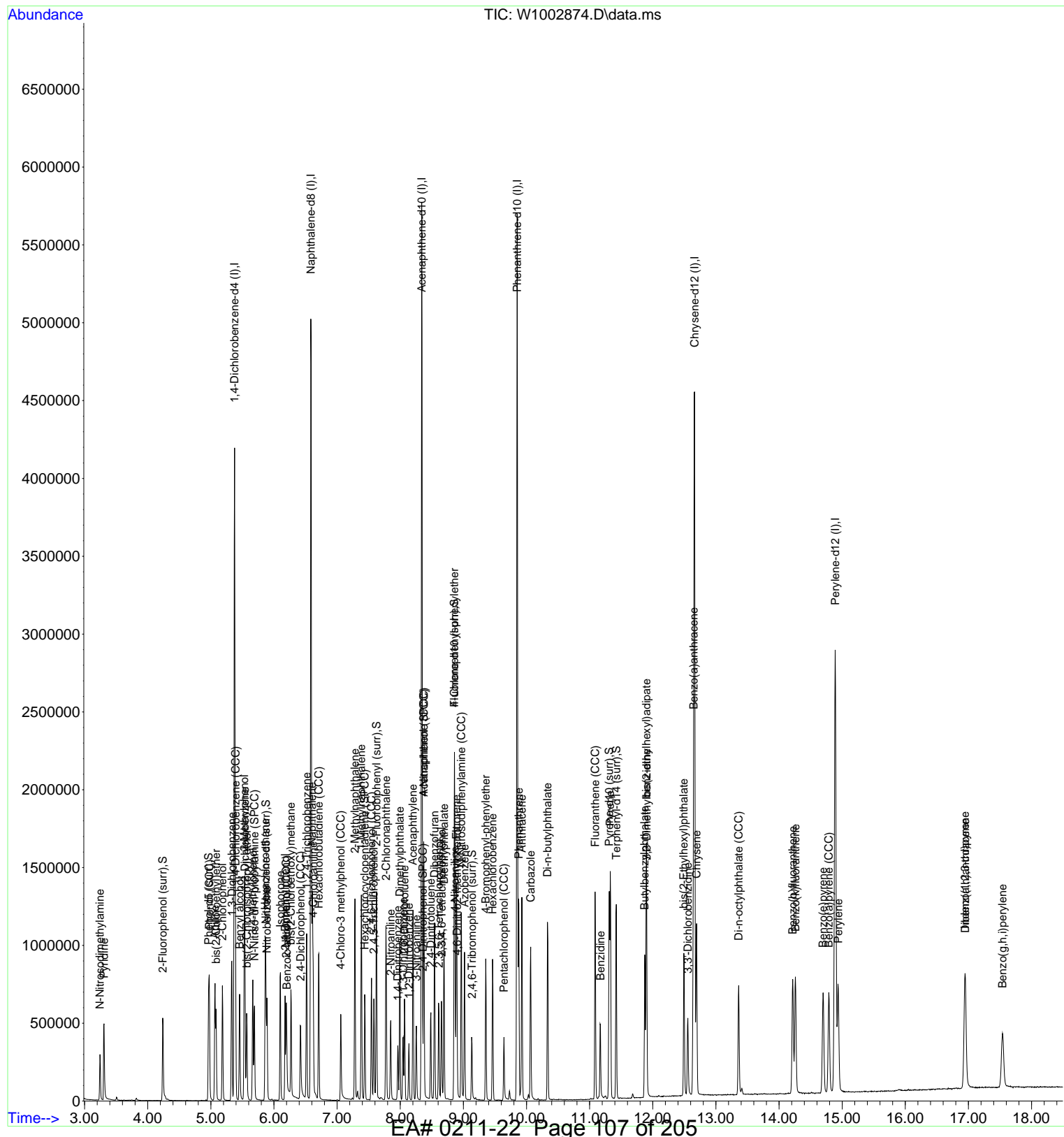
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.201	152	280459	5.20	µg/mL	98
48) 3-Nitroaniline	8.255	138	43562	4.54	µg/mL#	74
49) Acenaphthene (CCC)	8.372	154	181422	5.26	µg/mL	94
50) 2,4-Dinitrophenol (SPCC)	8.356	184	10321	2.28	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.372	139	23474	3.45	µg/mL#	81
52) 2,4-Dinitrotoluene	8.485	165	52380	4.32	µg/mL	92
53) Dibenzofuran	8.543	168	249463	5.30	µg/mL	95
54) 2,3,5,6-Tetrachlorophenol	8.613	232	42498	4.16	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.655	232	44942	4.32	µg/mL#	75
56) Diethylphthalate	8.693	149	201374	5.14	µg/mL	100
58) 4-Chlorophenyl-phenyle...	8.858	204	103250	4.98	µg/mL	95
59) Fluorene	8.891	166	197862	5.12	µg/mL	100
60) 4-Nitroaniline	8.869	138	37898	4.15	µg/mL#	81
61) 4,6-Dinitro2-methylphenol	8.901	198	19583	3.03	µg/mL#	17
62) N-Nitrosodiphenylamine...	8.965	169	168974	5.01	µg/mL	95
63) Azobenzene	9.019	77	182189	5.19	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.355	248	58744	4.84	µg/mL	98
67) Hexachlorobenzene	9.462	284	61475	4.88	µg/mL	94
68) Pentachlorophenol (CCC)	9.644	266	22599	3.37	µg/mL	92
69) Phenanthrene	9.873	178	279098	5.34	µg/mL	98
70) Anthracene	9.927	178	270861	5.19	µg/mL	99
71) Carbazole	10.066	167	231460	5.10	µg/mL	98
72) Di-n-butylphthalate	10.333	149	290388	5.01	µg/mL	97
73) Fluoranthene (CCC)	11.086	202	275456	5.06	µg/mL	98
74) Benzidine	11.166	184	116352	4.15	µg/mL#	92
76) Pyrene	11.327	202	306508	5.25	µg/mL#	99
79) Butylbenzylphthalate	11.871	149	104995	4.58	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.904	212	138785	4.31	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	97568	4.77	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.497	149	136132	4.33	µg/mL#	100
83) 3,3'-Dichlorobenzidine	12.555	252	74279	4.85	µg/mL#	95
84) Benzo(a)anthracene	12.646	228	255683	5.10	µg/mL	98
85) Chrysene	12.694	228	242579	5.15	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.362	149	196874	3.97	µg/mL#	100
88) Benzo(b)fluoranthene	14.217	252	222593	4.71	µg/mL	99
89) Benzo(k)fluoranthene	14.259	252	223219	4.85	µg/mL	94
90) Benzo(e)pyrene	14.698	252	204034	4.85	µg/mL	99
91) Benzo(a)pyrene (CCC)	14.788	252	202852	4.66	µg/mL	98
92) Perylene	14.933	252	225687	4.99	µg/mL	99
93) Indeno(1,2,3-cd)pyrene	16.947	276	207540m	5.92	µg/mL	
94) Dibenzo(a,h)anthracene	16.947	278	170747	4.71	µg/mL#	96
95) Benzo(g,h,i)perylene	17.540	276	175572	5.01	µg/mL	99

Manual Int. "WP" (EDE)

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

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002874.D
 Acq On : 18 Oct 2010 6:26 pm
 Operator : dda
 Sample : SSTD010-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 12:13:17 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:24:37 2010
 Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002874.D
 Acq On : 18 Oct 2010 6:26 pm
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 Sample : SSTD010-SCAN gcms22pg125
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Quant Time: Oct 20 12:13:17 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:24:37 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	706693	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.583	136	2486145	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.340	164	1339110	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2294140	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.662	240	2146192	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.890	264	1945018	40.00	µg/mL	0.00

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.238	112	189663	9.84	µg/mL	0.00
5) Phenol-d5 (surr)	4.964	99	231671	10.34	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.872	82	219110	9.96	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.625	172	444619	10.74	µg/mL	0.00
57) Fluorene-d10 (surr)	8.859	176	366528	9.97	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.136	330	48270	9.19	µg/mL	0.00
75) Pyrene-d10 (surr)	11.311	212	497272	10.40	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	393732	10.34	µg/mL	0.00

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.244	74	132455	9.73	µg/mL	91
3) Pyridine	3.308	79	223500	9.87	µg/mL#	86
6) Phenol (CCC)	4.975	94	246658	10.54	µg/mL#	91
7) Aniline	5.066	66	107534	10.16	µg/mL	91
8) bis(2-Chloroethyl)ether	5.082	63	141015	10.20	µg/mL	87
9) 2-Chlorophenol	5.183	128	215831	10.22	µg/mL	96
10) 1,3-Dichlorobenzene	5.333	146	248947	10.28	µg/mL	98
11) 1,4-Dichlorobenzene (CCC)	5.392	146	254240	10.35	µg/mL	98
12) Benzyl alcohol	5.456	108	115259	10.12	µg/mL	84
13) 1,2-Dichlorobenzene	5.541	146	239817	10.38	µg/mL	96
14) 2-Methylphenol	5.530	107	160017	10.34	µg/mL	95
15) bis(2-Chloroisopropyl)...	5.568	45	175237	10.26	µg/mL#	83
16) 3/4-Methylphenol	5.664	107	204756	10.10	µg/mL	96
17) N-Nitrso-di-n-propylam...	5.691	70	142924	10.12	µg/mL#	71
18) Hexachloroethane	5.862	117	89308	9.95	µg/mL	87
20) Nitrobenzene	5.888	77	209432	10.32	µg/mL	86
22) Isophorone	6.102	82	371720	10.24	µg/mL	97
23) 2,4-Dimethylphenol	6.177	107	144581m	7.95	µg/mL	Manual Int. "II" (EDE)
24) 2-Nitrophenol (CCC)	6.193	139	109870	9.67	µg/mL	94
25) Benzoic acid	6.204	105	77311	6.42	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.268	93	227084	10.27	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.423	162	153620	9.69	µg/mL	97
28) 1,2,4-Trichlorobenzene	6.519	180	212317	10.16	µg/mL	98
29) Naphthalene	6.604	128	635629	10.62	µg/mL	91
30) 4-Chloroaniline	6.620	65	67758	10.05	µg/mL	75
31) Hexachlorobutadiene (CCC)	6.711	225	124967	9.95	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.058	107	135411	8.93	µg/mL	91
33) 2-Methylnaphthalene	7.283	142	391569	10.21	µg/mL	99
34) 1-Methylnaphthalene	7.384	142	376496	10.15	µg/mL	100
35) Hexachlorocyclopentadi...	7.438	237	109877	8.56	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	119287	9.84	µg/mL	99
38) 2,4,5-Trichlorophenol	7.582	196	117762	9.69	µg/mL#	92
40) 2-Chloronaphthalene	7.774	162	370284	10.43	µg/mL	96
41) 2-Nitroaniline	7.849	65	87885	9.59	µg/mL	84
42) 1,4-Dinitrobenzene	7.961	168	51444m	8.57	µg/mL	Manual Int. "WP" (EDE)
43) Dimethylphthalate	7.993	163	413512	10.26	µg/mL	99
44) 1,3-Dinitrobenzene	8.047	168	62670	9.33	µg/mL#	74
45) 2,6-Dinitrotoluene	8.068	165	95709	9.82	µg/mL#	84
46) 1,2-Dinitrobenzene	8.137	168	43995	9.64	µg/mL	89

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002874.D
 Acq On : 18 Oct 2010 6:26 pm
 Operator : dda
 Sample : SSTD010-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 7 Sample Multiplier: 1

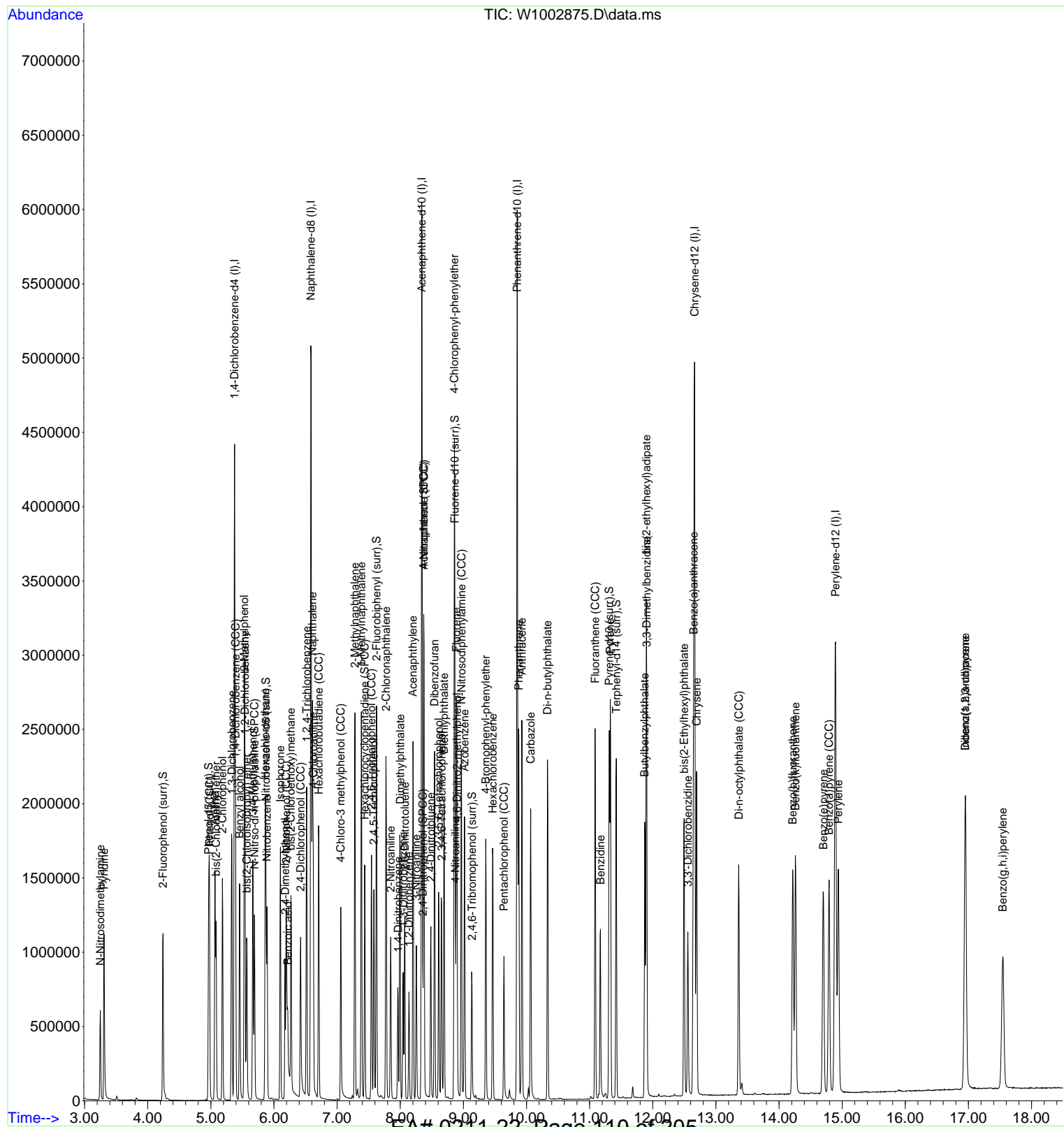
Quant Time: Oct 20 12:13:17 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:24:37 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.202	152	565311	10.50	µg/mL	98
48) 3-Nitroaniline	8.255	138	93155	9.72	µg/mL#	76
49) Acenaphthene (CCC)	8.373	154	351625	10.21	µg/mL	96
50) 2,4-Dinitrophenol (SPCC)	8.356	184	26144	5.80	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.373	139	53475	7.87	µg/mL#	69
52) 2,4-Dinitrotoluene	8.485	165	114585	9.47	µg/mL	90
53) Dibenzofuran	8.543	168	485032	10.33	µg/mL	96
54) 2,3,5,6-Tetrachlorophenol	8.613	232	90233	8.85	µg/mL	98
55) 2,3,4,6-Tetrachlorophenol	8.656	232	93540	9.06	µg/mL#	78
56) Diethylphthalate	8.693	149	399969	10.23	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.859	204	204672	9.90	µg/mL	96
59) Fluorene	8.891	166	391149	10.14	µg/mL	99
60) 4-Nitroaniline	8.869	138	79786	8.75	µg/mL#	83
61) 4,6-Dinitro2-methylphenol	8.901	198	46162	7.12	µg/mL#	12
62) N-Nitrosodiphenylamine...	8.965	169	342496	10.18	µg/mL	95
63) Azobenzene	9.019	77	350420	10.00	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.355	248	120530	10.03	µg/mL	97
67) Hexachlorobenzene	9.462	284	123010	9.87	µg/mL	95
68) Pentachlorophenol (CCC)	9.644	266	53464	8.05	µg/mL	91
69) Phenanthrene	9.879	178	546524	10.55	µg/mL	100
70) Anthracene	9.927	178	532469	10.30	µg/mL	100
71) Carbazole	10.066	167	455826	10.15	µg/mL	99
72) Di-n-butylphthalate	10.333	149	614998	10.70	µg/mL	97
73) Fluoranthene (CCC)	11.086	202	569316	10.56	µg/mL	98
74) Benzidine	11.172	184	221945	7.98	µg/mL	100
76) Pyrene	11.327	202	621484	10.74	µg/mL#	99
79) Butylbenzylphthalate	11.872	149	233209	9.83	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.904	212	298947	8.96	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	213098	10.07	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.491	149	313443	9.64	µg/mL#	99
83) 3,3'-Dichlorobenzidine	12.555	252	144361	9.11	µg/mL	100
84) Benzo(a)anthracene	12.646	228	519832	10.03	µg/mL	98
85) Chrysene	12.694	228	500412	10.25	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.362	149	476626	9.28	µg/mL#	100
88) Benzo(b)fluoranthene	14.217	252	470026m	9.66	µg/mL	Manual Int. "WP" (EDE)
89) Benzo(k)fluoranthene	14.260	252	478117	10.06	µg/mL	
90) Benzo(e)pyrene	14.698	252	428593	9.89	µg/mL	99
91) Benzo(a)pyrene (CCC)	14.789	252	429107	9.60	µg/mL	98
92) Perylene	14.938	252	469953	10.07	µg/mL	98
93) Indeno(1,2,3-cd)pyrene	16.947	276	409345m	11.35	µg/mL	Manual Int. "WP" (EDE)
94) Dibenzo(a,h)anthracene	16.952	278	341073	9.14	µg/mL#	
95) Benzo(g,h,i)perylene	17.540	276	343597	9.52	µg/mL	99

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

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002875.D
 Acq On : 18 Oct 2010 6:55 pm
 Operator : dda
 Sample : SST020-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 12:13:56 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:28:56 2010
 Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002875.D
 Acq On : 18 Oct 2010 6:55 pm
 Operator : dda
 Sample : SST020-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 12:13:56 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:28:56 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	720068	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.583	136	2542711	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.340	164	1390154	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2354525	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.662	240	2151499	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.895	264	2135523	40.00	µg/mL	0.00

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.243	112	385102	19.62	µg/mL	0.00
5) Phenol-d5 (surr)	4.964	99	471390	20.65	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.872	82	454648	20.28	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.624	172	861131	20.03	µg/mL	0.00
57) Fluorene-d10 (surr)	8.864	176	734622	19.24	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.136	330	98664	18.30	µg/mL	0.00
75) Pyrene-d10 (surr)	11.311	212	938517	19.12	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	721401	18.47	µg/mL	0.00

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.249	74	268662	19.38	µg/mL	93
3) Pyridine	3.308	79	454960	19.73	µg/mL#	82
6) Phenol (CCC)	4.980	94	488820	20.51	µg/mL#	92
7) Aniline	5.066	66	215533	19.99	µg/mL	91
8) bis(2-Chloroethyl)ether	5.082	63	286491	20.34	µg/mL	89
9) 2-Chlorophenol	5.183	128	427306	19.87	µg/mL	95
10) 1,3-Dichlorobenzene	5.333	146	487385	19.75	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	491902	19.65	µg/mL	99
12) Benzyl alcohol	5.456	108	236968	20.41	µg/mL	84
13) 1,2-Dichlorobenzene	5.541	146	461266	19.60	µg/mL#	94
14) 2-Methylphenol	5.530	107	322944	20.47	µg/mL	96
15) bis(2-Chloroisopropyl)...	5.568	45	353103	20.30	µg/mL#	82
16) 3/4-Methylphenol	5.664	107	412029	19.95	µg/mL	96
17) N-Nitrso-di-n-propylam...	5.691	70	286292	19.90	µg/mL#	71
18) Hexachloroethane	5.862	117	177593	19.41	µg/mL	87
20) Nitrobenzene	5.888	77	420879	20.36	µg/mL#	86
22) Isophorone	6.102	82	727219	19.59	µg/mL	97
23) 2,4-Dimethylphenol	6.177	107	346769m	18.90	µg/mL	Manual Int. "II" (EDE)
24) 2-Nitrophenol (CCC)	6.193	139	226482	19.49	µg/mL	
25) Benzoic acid	6.219	105	218584	17.74	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.268	93	448403	19.84	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.422	162	298031	18.38	µg/mL#	95
28) 1,2,4-Trichlorobenzene	6.519	180	415380	19.44	µg/mL	98
29) Naphthalene	6.609	128	1242897	20.30	µg/mL#	89
30) 4-Chloroaniline	6.620	65	135275	19.62	µg/mL	77
31) Hexachlorobutadiene (CCC)	6.711	225	245812	19.13	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.058	107	292277	18.84	µg/mL	90
33) 2-Methylnaphthalene	7.283	142	775011	19.76	µg/mL	99
34) 1-Methylnaphthalene	7.384	142	755442	19.92	µg/mL	99
35) Hexachlorocyclopentadi...	7.438	237	250781	19.11	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	242401	19.27	µg/mL	98
38) 2,4,5-Trichlorophenol	7.582	196	245683	19.48	µg/mL#	94
40) 2-Chloronaphthalene	7.774	162	732264	19.86	µg/mL	94
41) 2-Nitroaniline	7.849	65	186464	19.61	µg/mL	84
42) 1,4-Dinitrobenzene	7.966	168	111999m	17.50	µg/mL	Manual Int. "WP" (EDE)
43) Dimethylphthalate	7.998	163	808845	19.32	µg/mL	
44) 1,3-Dinitrobenzene	8.047	168	130890	18.77	µg/mL#	
45) 2,6-Dinitrotoluene	8.073	165	191913	18.98	µg/mL#	
46) 1,2-Dinitrobenzene	8.137	168	87855	18.55	µg/mL	89

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002875.D
 Acq On : 18 Oct 2010 6:55 pm
 Operator : dda
 Sample : SST020-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 8 Sample Multiplier: 1

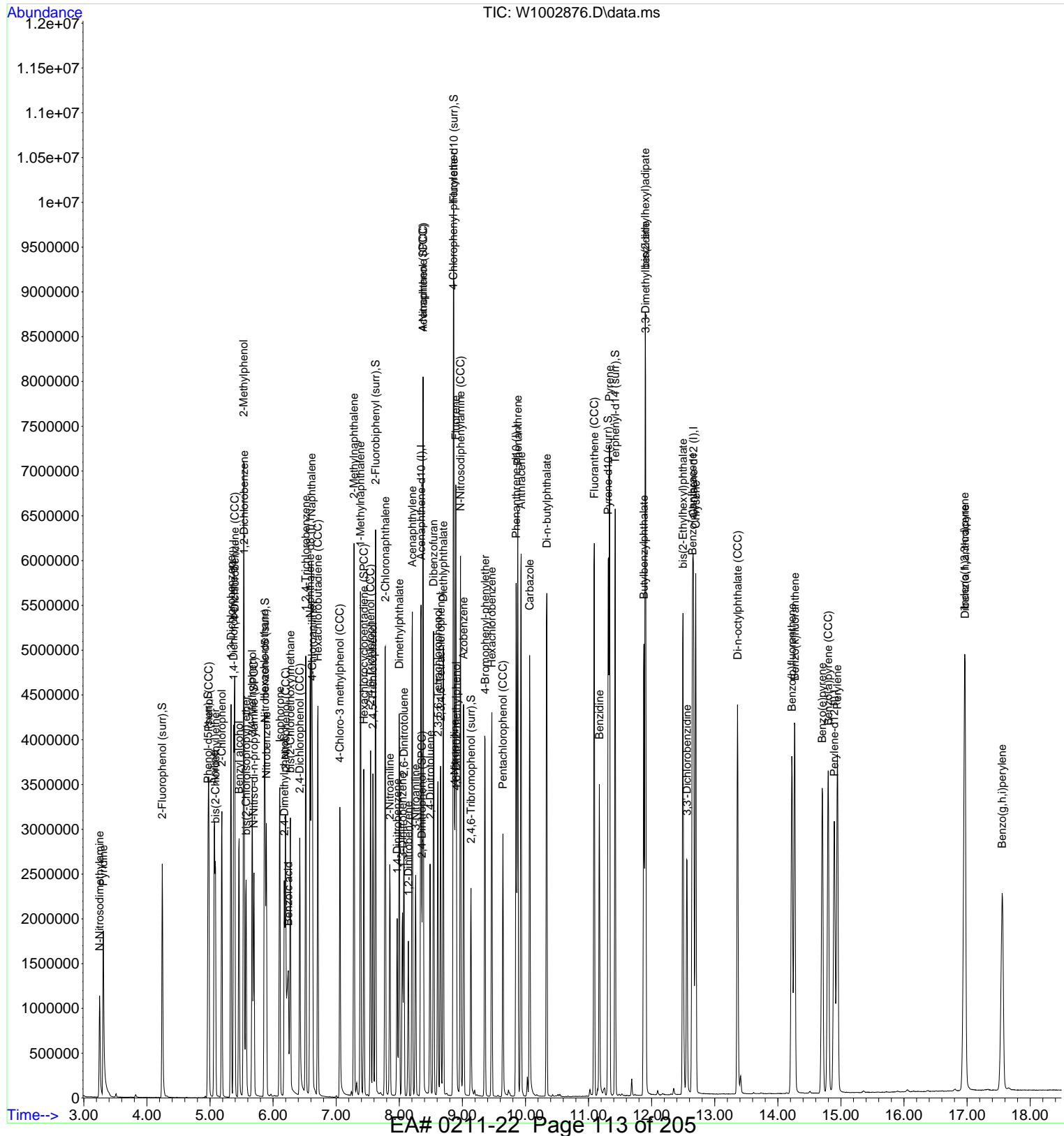
Quant Time: Oct 20 12:13:56 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:28:56 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.201	152	1138687	20.37	µg/mL	98
48) 3-Nitroaniline	8.255	138	187783	18.87	µg/mL#	72
49) Acenaphthene (CCC)	8.372	154	696007	19.46	µg/mL	95
50) 2,4-Dinitrophenol (SPCC)	8.356	184	75132	16.05	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.372	139	126824	17.99	µg/mL#	70
52) 2,4-Dinitrotoluene	8.485	165	237923	18.95	µg/mL	90
53) Dibenzofuran	8.543	168	966279	19.82	µg/mL	94
54) 2,3,5,6-Tetrachlorophenol	8.607	232	191404	18.08	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.656	232	198571	18.54	µg/mL#	81
56) Diethylphthalate	8.693	149	796177	19.61	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.859	204	410164	19.10	µg/mL	96
59) Fluorene	8.891	166	788273	19.69	µg/mL	99
60) 4-Nitroaniline	8.875	138	174390	18.43	µg/mL#	81
61) 4,6-Dinitro2-methylphenol	8.901	198	115410	17.15	µg/mL#	11
62) N-Nitrosodiphenylamine...	8.971	169	674512	19.31	µg/mL	95
63) Azobenzene	9.019	77	731513	20.10	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.355	248	238946	19.37	µg/mL	100
67) Hexachlorobenzene	9.468	284	241102	18.84	µg/mL	95
68) Pentachlorophenol (CCC)	9.644	266	116269	17.07	µg/mL	90
69) Phenanthrene	9.879	178	1057464	19.89	µg/mL	100
70) Anthracene	9.927	178	1071540	20.19	µg/mL	99
71) Carbazole	10.066	167	893014	19.37	µg/mL	99
72) Di-n-butylphthalate	10.333	149	1194294	20.25	µg/mL	98
73) Fluoranthene (CCC)	11.086	202	1065299	19.26	µg/mL	97
74) Benzidine	11.172	184	506627	17.75	µg/mL	99
76) Pyrene	11.327	202	1153486	19.41	µg/mL#	99
79) Butylbenzylphthalate	11.872	149	471590	19.83	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.904	212	621800	18.59	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	427604	20.16	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.497	149	655163	20.10	µg/mL#	99
83) 3,3'-Dichlorobenzidine	12.555	252	296700	18.67	µg/mL	99
84) Benzo(a)anthracene	12.646	228	1018235	19.61	µg/mL	98
85) Chrysene	12.694	228	954008	19.50	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.362	149	1050503	20.40	µg/mL#	100
88) Benzo(b)fluoranthene	14.217	252	981816	18.39	µg/mL#	97
89) Benzo(k)fluoranthene	14.260	252	1016689	19.49	µg/mL	95
90) Benzo(e)pyrene	14.703	252	914623	19.22	µg/mL	99
91) Benzo(a)pyrene (CCC)	14.794	252	942058	19.19	µg/mL	97
92) Perylene	14.938	252	996589	19.45	µg/mL	98
93) Indeno(1,2,3-cd)pyrene	16.952	276	1031781m	26.05	µg/mL	Manual Int. "WP" (EDE)
94) Dibenz(a,h)anthracene	16.952	278	863105	21.07	µg/mL#	
95) Benzo(g,h,i)perylene	17.545	276	870239	21.97	µg/mL	

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


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Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002876.D
Acq On    : 18 Oct 2010    7:25 pm
Operator  : dda
Sample    : SSTD050-SCAN gcms22pg125
Misc      : gcmsprep2pg30
ALS Vial  : 9    Sample Multiplier: 1
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Quant Time: Oct 20 10:47:01 2010
Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Oct 19 11:30:55 2010
Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002876.D
 Acq On : 18 Oct 2010 7:25 pm
 Operator : dda
 Sample : SSTD050-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 10:47:01 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:30:55 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	655591	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.588	136	2346284	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.346	164	1314587	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2336676	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.662	240	2279787	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.895	264	2168681	40.00	µg/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.243	112	900585	50.39	µg/mL	0.00
5) Phenol-d5 (surr)	4.969	99	1027693	49.44	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.872	82	1032667	50.60	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.625	172	2022693	49.76	µg/mL	0.00
57) Fluorene-d10 (surr)	8.864	176	1817663	50.35	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.136	330	262774	49.12	µg/mL	0.00
75) Pyrene-d10 (surr)	11.311	212	2440734	50.11	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	1933841	49.88	µg/mL	0.00
Target Compounds						
						Qvalue
2) N-Nitrosodimethylamine	3.249	74	635596	50.35	µg/mL	91
3) Pyridine	3.308	79	1062640	50.61	µg/mL#	82
6) Phenol (CCC)	4.980	94	1074210	49.50	µg/mL#	91
7) Aniline	5.066	66	494387	50.37	µg/mL	89
8) bis(2-Chloroethyl)ether	5.087	63	650353	50.72	µg/mL	89
9) 2-Chlorophenol	5.188	128	979940	50.04	µg/mL	96
10) 1,3-Dichlorobenzene	5.333	146	1116124	49.68	µg/mL	98
11) 1,4-Dichlorobenzene (CCC)	5.391	146	1134699	49.79	µg/mL	99
12) Benzyl alcohol	5.461	108	526916	49.86	µg/mL	85
13) 1,2-Dichlorobenzene	5.541	146	1065553	49.74	µg/mL#	95
14) 2-Methylphenol	5.536	107	705677	49.14	µg/mL	97
15) bis(2-Chloroisopropyl)...	5.573	45	804523	50.80	µg/mL#	82
16) 3/4-Methylphenol	5.669	107	924560	49.16	µg/mL	94
17) N-Nitrso-di-n-propylam...	5.696	70	656842	50.14	µg/mL#	72
18) Hexachloroethane	5.862	117	419458	50.36	µg/mL	87
20) Nitrobenzene	5.894	77	944597	50.18	µg/mL	87
22) Isophorone	6.107	82	1738085	50.74	µg/mL	96
23) 2,4-Dimethylphenol	6.177	107	895507	52.91	µg/mL#	61
24) 2-Nitrophenol (CCC)	6.198	139	539145	50.28	µg/mL	93
25) Benzoic acid	6.241	105	634258	55.80	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.273	93	1042176	49.96	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.423	162	767304	51.28	µg/mL	96
28) 1,2,4-Trichlorobenzene	6.519	180	963119	48.84	µg/mL	98
29) Naphthalene	6.610	128	2807524	49.68	µg/mL#	86
30) 4-Chloroaniline	6.620	65	320545	50.38	µg/mL	75
31) Hexachlorobutadiene (CCC)	6.711	225	574376	48.44	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.058	107	750985	52.45	µg/mL	91
33) 2-Methylnaphthalene	7.283	142	1804232	49.86	µg/mL	99
34) 1-Methylnaphthalene	7.384	142	1742830	49.79	µg/mL	99
35) Hexachlorocyclopentadi...	7.438	237	638121	52.70	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	597498	50.23	µg/mL	99
38) 2,4,5-Trichlorophenol	7.582	196	598687	50.19	µg/mL#	90
40) 2-Chloronaphthalene	7.779	162	1729488	49.61	µg/mL	94
41) 2-Nitroaniline	7.849	65	465188	51.72	µg/mL	85
42) 1,4-Dinitrobenzene	7.966	168	301749m	48.86	µg/mL	95
43) Dimethylphthalate	7.998	163	1964791	49.64	µg/mL	99
44) 1,3-Dinitrobenzene	8.052	168	339018	51.42	µg/mL#	71
45) 2,6-Dinitrotoluene	8.073	165	477324	49.91	µg/mL#	72
46) 1,2-Dinitrobenzene	8.143	168	225093	50.25	µg/mL	89

Manual Int. "WP" (EDE)

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002876.D
 Acq On : 18 Oct 2010 7:25 pm
 Operator : dda
 Sample : SST050-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 9 Sample Multiplier: 1

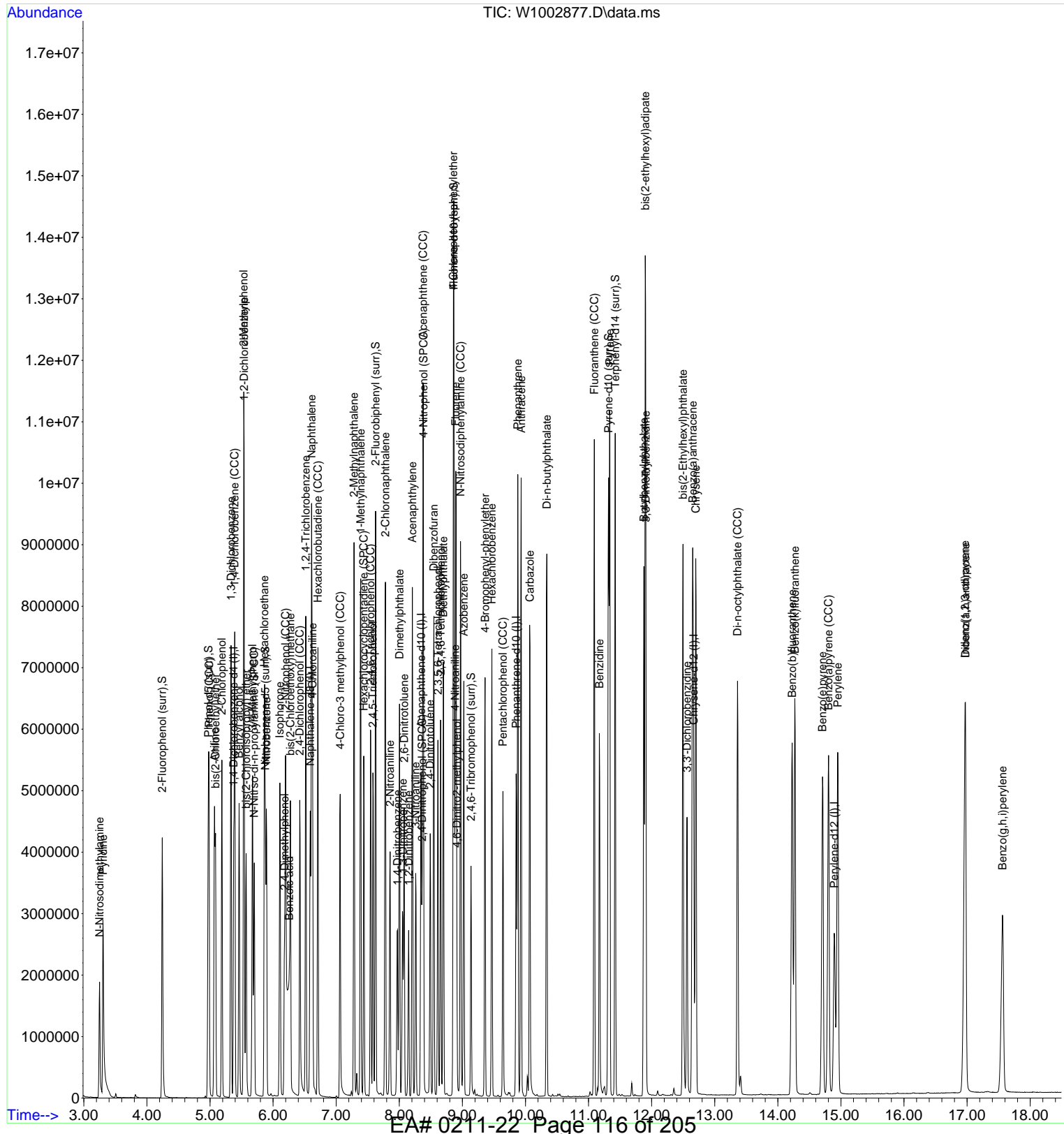
Quant Time: Oct 20 10:47:01 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:30:55 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.207	152	2670061	50.50	µg/mL	97
48) 3-Nitroaniline	8.260	138	479906	51.01	µg/mL#	72
49) Acenaphthene (CCC)	8.378	154	1669970	49.38	µg/mL	94
50) 2,4-Dinitrophenol (SPCC)	8.356	184	247053	55.80	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.378	139	363991	54.59	µg/mL#	70
52) 2,4-Dinitrotoluene	8.490	165	605293	50.97	µg/mL	90
53) Dibenzofuran	8.543	168	2297357	49.83	µg/mL	94
54) 2,3,5,6-Tetrachlorophenol	8.613	232	508913	50.84	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.656	232	513321	50.67	µg/mL#	81
56) Diethylphthalate	8.698	149	1941442	50.56	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.859	204	999101	49.21	µg/mL	96
59) Fluorene	8.896	166	1910816	50.46	µg/mL	99
60) 4-Nitroaniline	8.880	138	472667	52.83	µg/mL	85
61) 4,6-Dinitro2-methylphenol	8.907	198	345178	54.25	µg/mL#	12
62) N-Nitrosodiphenylamine...	8.971	169	1651904	50.00	µg/mL	96
63) Azobenzene	9.019	77	1784554	51.85	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.361	248	593204	48.45	µg/mL	99
67) Hexachlorobenzene	9.468	284	615677	48.49	µg/mL	94
68) Pentachlorophenol (CCC)	9.644	266	352570	52.15	µg/mL	90
69) Phenanthrene	9.879	178	2640876	50.06	µg/mL	99
70) Anthracene	9.932	178	2674012	50.77	µg/mL	100
71) Carbazole	10.066	167	2302237	50.33	µg/mL	99
72) Di-n-butylphthalate	10.338	149	3044317	52.01	µg/mL	99
73) Fluoranthene (CCC)	11.092	202	2764843	50.37	µg/mL#	98
74) Benzidine	11.172	184	1448854	51.15	µg/mL	99
76) Pyrene	11.332	202	2949812	50.03	µg/mL#	98
79) Butylbenzylphthalate	11.877	149	1286236	51.04	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.904	212	1821139	51.38	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	1151877	51.25	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.497	149	1837456	53.19	µg/mL#	100
83) 3,3'-Dichlorobenzidine	12.561	252	779586	46.30	µg/mL	99
84) Benzo(a)anthracene	12.646	228	2743401	49.85	µg/mL	99
85) Chrysene	12.700	228	2601527	50.18	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.362	149	3014003	55.25	µg/mL#	100
88) Benzo(b)fluoranthene	14.222	252	2638192	48.65	µg/mL#	98
89) Benzo(k)fluoranthene	14.270	252	2627687	49.60	µg/mL	95
90) Benzo(e)pyrene	14.703	252	2368320	49.02	µg/mL	99
91) Benzo(a)pyrene (CCC)	14.799	252	2483685	49.83	µg/mL	97
92) Perylene	14.943	252	2553222	49.07	µg/mL	100
93) Indeno(1,2,3-cd)pyrene	16.963	276	2666636m	66.30	µg/mL	Manual Int. "WP" (EDE)
94) Dibenz(a,h)anthracene	16.968	278	2243251	53.92	µg/mL	
95) Benzo(g,h,i)perylene	17.556	276	2201757	54.74	µg/mL	

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

```
Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002877.D
Acq On    : 18 Oct 2010    7:54 pm
Operator  : dda
Sample    : SSTD080-SCAN gcms22pg125
Misc      : gcmsprep2pg30
ALS Vial  : 10    Sample Multiplier: 1
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Quant Time: Oct 20 10:45:38 2010
Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Oct 19 11:32:38 2010
Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002877.D
 Acq On : 18 Oct 2010 7:54 pm
 Operator : dda
 Sample : SST080-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 10:45:38 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:32:38 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	662846	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.588	136	2259727	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.346	164	1246926	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2303538	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.667	240	2250870	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.895	264	1934135	40.00	µg/mL	0.00

System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.243	112	1520406	84.13	µg/mL	0.00
5) Phenol-d5 (surr)	4.975	99	1676087	79.75	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.877	82	1643568	79.65	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.624	172	3079250	79.87	µg/mL	0.00
57) Fluorene-d10 (surr)	8.864	176	2847479	83.16	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.136	330	450730	85.46	µg/mL	0.00
75) Pyrene-d10 (surr)	11.316	212	4032039	83.98	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	3278436	85.79	µg/mL	0.00

Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.249	74	1065824	83.51	µg/mL	90
3) Pyridine	3.302	79	1777926	83.75	µg/mL#	83
6) Phenol (CCC)	4.985	94	1729656	78.83	µg/mL#	92
7) Aniline	5.071	66	797205	80.33	µg/mL	88
8) bis(2-Chloroethyl)ether	5.087	63	1046624	80.73	µg/mL	91
9) 2-Chlorophenol	5.188	128	1618701	81.75	µg/mL	95
10) 1,3-Dichlorobenzene	5.333	146	1841092	81.06	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	1864578	80.93	µg/mL	99
12) Benzyl alcohol	5.461	108	865190	80.97	µg/mL	86
13) 1,2-Dichlorobenzene	5.541	146	1745698	80.59	µg/mL#	95
14) 2-Methylphenol	5.536	107	1151734	79.32	µg/mL	97
15) bis(2-Chloroisopropyl)...	5.573	45	1272195	79.45	µg/mL#	82
16) 3/4-Methylphenol	5.674	107	1506894	79.24	µg/mL	95
17) N-Nitrso-di-n-propylam...	5.701	70	1068651	80.68	µg/mL#	71
18) Hexachloroethane	5.861	117	693404	82.34	µg/mL	89
20) Nitrobenzene	5.893	77	1499787	78.80	µg/mL#	86
22) Isophorone	6.107	82	2678725	81.20	µg/mL	96
23) 2,4-Dimethylphenol	6.182	107	1483117	90.99	µg/mL#	79
24) 2-Nitrophenol (CCC)	6.198	139	868327	84.08	µg/mL	91
25) Benzoic acid	6.257	105	1054266	96.30	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.273	93	1628238	81.05	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.422	162	1226169	85.09	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.518	180	1550822	81.66	µg/mL	99
29) Naphthalene	6.609	128	4368870	80.28	µg/mL#	86
30) 4-Chloroaniline	6.625	65	501374	81.81	µg/mL	75
31) Hexachlorobutadiene (CCC)	6.711	225	942468	82.53	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.063	107	1175601	85.26	µg/mL	93
33) 2-Methylnaphthalene	7.282	142	2802443	80.41	µg/mL	100
34) 1-Methylnaphthalene	7.389	142	2709029	80.37	µg/mL	99
35) Hexachlorocyclopentadi...	7.437	237	979053	83.96	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	948267	84.04	µg/mL	99
38) 2,4,5-Trichlorophenol	7.582	196	952771	84.20	µg/mL#	89
40) 2-Chloronaphthalene	7.779	162	2680042	81.04	µg/mL	94
41) 2-Nitroaniline	7.854	65	734512	86.10	µg/mL	86
42) 1,4-Dinitrobenzene	7.972	168	484493m	81.29	µg/mL	99
43) Dimethylphthalate	8.004	163	3112785	82.91	µg/mL	99
44) 1,3-Dinitrobenzene	8.057	168	546881	87.44	µg/mL#	68
45) 2,6-Dinitrotoluene	8.078	165	769244	84.80	µg/mL#	74
46) 1,2-Dinitrobenzene	8.148	168	370447	87.19	µg/mL	88

Manual Int. "WP" (EDE)

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002877.D
 Acq On : 18 Oct 2010 7:54 pm
 Operator : dda
 Sample : SSTD080-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 10:45:38 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:32:38 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.207	152	4042909	80.61	µg/mL	96
48) 3-Nitroaniline	8.260	138	756365	84.76	µg/mL#	74
49) Acenaphthene (CCC)	8.378	154	2583448	80.54	µg/mL	94
50) 2,4-Dinitrophenol (SPCC)	8.362	184	422751	100.67	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.383	139	590584	92.94	µg/mL#	72
52) 2,4-Dinitrotoluene	8.490	165	991694	88.05	µg/mL	88
53) Dibenzofuran	8.549	168	3539646	80.95	µg/mL	93
54) 2,3,5,6-Tetrachlorophenol	8.613	232	841349	88.61	µg/mL	98
55) 2,3,4,6-Tetrachlorophenol	8.655	232	843608	87.79	µg/mL#	82
56) Diethylphthalate	8.698	149	3035443	83.34	µg/mL	98
58) 4-Chlorophenyl-phenyle...	8.858	204	1590412	82.58	µg/mL	97
59) Fluorene	8.896	166	2932322	81.64	µg/mL	100
60) 4-Nitroaniline	8.885	138	759570	89.50	µg/mL	85
61) 4,6-Dinitro2-methylphenol	8.912	198	591276	97.97	µg/mL#	10
62) N-Nitrosodiphenylamine...	8.971	169	2602966	83.06	µg/mL	96
63) Azobenzene	9.024	77	2703666	82.82	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.361	248	978655	81.09	µg/mL	98
67) Hexachlorobenzene	9.467	284	1022518	81.69	µg/mL	92
68) Pentachlorophenol (CCC)	9.644	266	615106	92.29	µg/mL	89
69) Phenanthrene	9.879	178	4174914	80.28	µg/mL	99
70) Anthracene	9.932	178	4211925	81.12	µg/mL	99
71) Carbazole	10.071	167	3742990	83.00	µg/mL	99
72) Di-n-butylphthalate	10.338	149	4846729	84.00	µg/mL	99
73) Fluoranthene (CCC)	11.091	202	4561098	84.29	µg/mL#	97
74) Benzidine	11.172	184	2566248	91.90	µg/mL	99
76) Pyrene	11.337	202	4884640	84.04	µg/mL#	97
79) Butylbenzylphthalate	11.877	149	2130889	85.64	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.909	212	3049279	87.14	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	1851064	83.42	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.496	149	2966387	86.97	µg/mL#	99
83) 3,3'-Dichlorobenzidine	12.561	252	1278774	76.92	µg/mL	98
84) Benzo(a)anthracene	12.651	228	4440131	81.72	µg/mL	98
85) Chrysene	12.699	228	4151696	81.11	µg/mL	100
86) Di-n-octylphthalate (CCC)	13.362	149	4770907	88.58	µg/mL#	100
88) Benzo(b)fluoranthene	14.227	252	4214544	87.14	µg/mL#	98
89) Benzo(k)fluoranthene	14.270	252	3922979m	83.03	µg/mL	98
90) Benzo(e)pyrene	14.708	252	3629102	84.22	µg/mL	100
91) Benzo(a)pyrene (CCC)	14.804	252	3812109	85.76	µg/mL	97
92) Perylene	14.949	252	3851179	82.99	µg/mL	100
93) Indeno(1,2,3-cd)pyrene	16.968	276	3625684m	101.07	µg/mL	97
94) Dibenzo(a,h)anthracene	16.973	278	3067089	82.66	µg/mL	97
95) Benzo(g,h,i)perylene	17.561	276	2891515	80.60	µg/mL	100

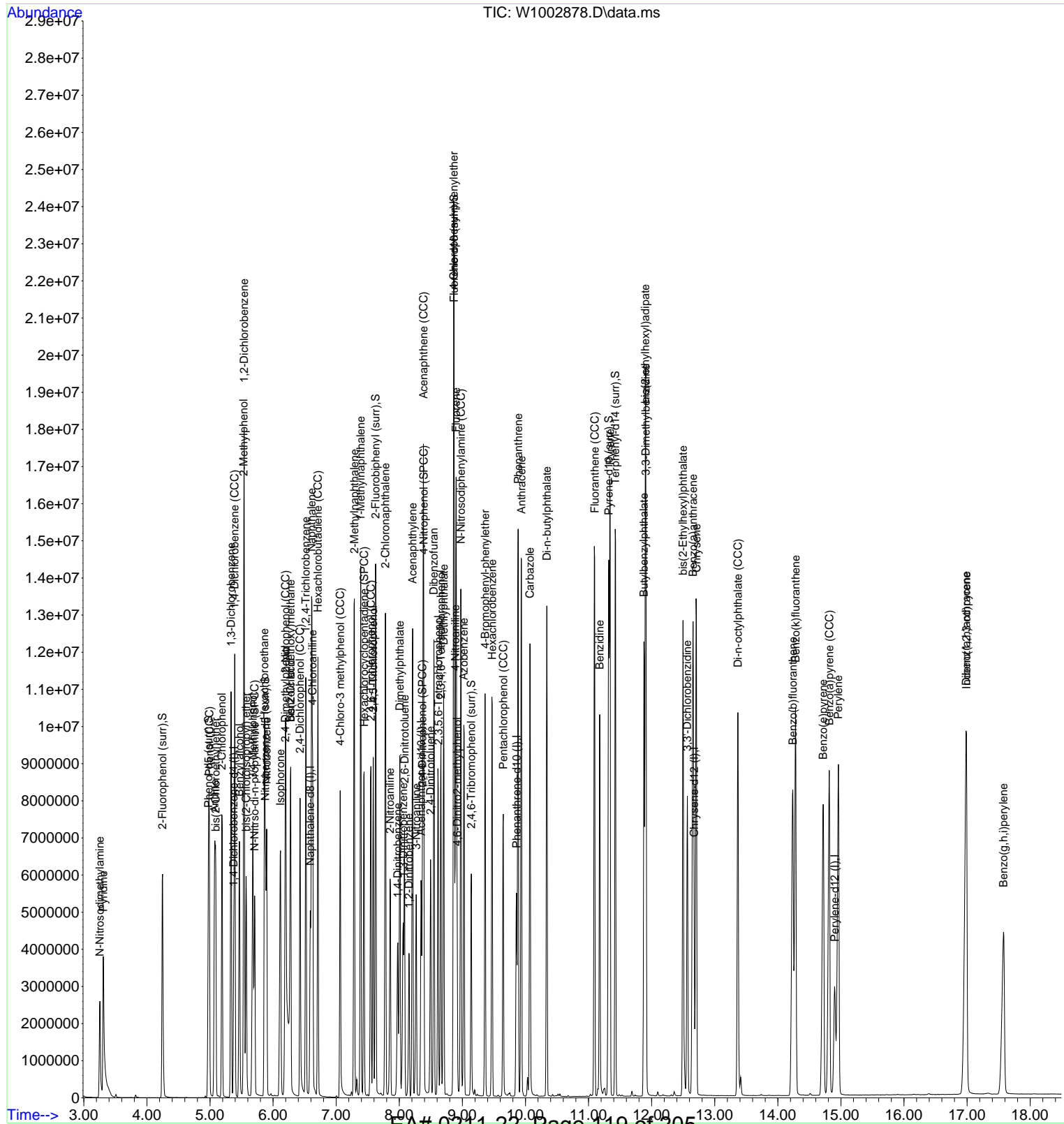
Manual Int. "WP" (EDE)

Manual Int. "WP" (EDE)

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

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Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\  
Data File : W1002878.D  
Acq On    : 18 Oct 2010    8:24 pm  
Operator  : dda  
Sample    : SSTD120-SCAN gcms22pg125  
Misc      : gcmsprep2pg30  
ALS Vial  : 11 Sample Multiplier: 1
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Quant Time: Oct 20 12:14:38 2010
Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Oct 19 11:34:25 2010
Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002878.D
 Acq On : 18 Oct 2010 8:24 pm
 Operator : dda
 Sample : SSTD120-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 12:14:38 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:34:25 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	708059	40.00	µg/mL	# 0.00
21) Naphthalene-d8 (I)	6.588	136	2432537	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.346	164	1402728	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.857	188	2472354	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.673	240	2393551	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.901	264	2217223	40.00	µg/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.248	112	2357516	122.13	µg/mL	0.00
5) Phenol-d5 (surr)	4.975	99	2560855	114.06	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.878	82	2572034	116.69	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.624	172	4954156	114.22	µg/mL	0.00
57) Fluorene-d10 (surr)	8.869	176	4539684	117.86	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.142	330	763894	134.95	µg/mL	0.00
75) Pyrene-d10 (surr)	11.321	212	6105122	118.47	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.423	244	4961073	120.95	µg/mL	0.00
Target Compounds						
						Qvalue
2) N-Nitrosodimethylamine	3.254	74	1655479	121.42	µg/mL	89
3) Pyridine	3.308	79	2748558	121.20	µg/mL#	83
6) Phenol (CCC)	4.991	94	2638757	112.58	µg/mL#	92
7) Aniline	5.071	66	1250650	117.97	µg/mL	85
8) bis(2-Chloroethyl)ether	5.092	63	1606548	116.01	µg/mL	90
9) 2-Chlorophenol	5.188	128	2488942	117.68	µg/mL	95
10) 1,3-Dichlorobenzene	5.333	146	2860266	117.89	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	2903770	117.98	µg/mL	99
12) Benzyl alcohol	5.466	108	1367289	119.78	µg/mL	86
13) 1,2-Dichlorobenzene	5.541	146	2714894	117.33	µg/mL#	95
14) 2-Methylphenol	5.536	107	1761446	113.57	µg/mL	97
15) bis(2-Chloroisopropyl)...	5.573	45	1956537	114.38	µg/mL#	81
16) 3/4-Methylphenol	5.680	107	2433885	119.82	µg/mL	95
17) N-Nitrso-di-n-propylam...	5.707	70	1701666	120.26	µg/mL#	71
18) Hexachloroethane	5.862	117	1091581	121.34	µg/mL	91
20) Nitrobenzene	5.899	77	2314661	113.84	µg/mL	89
22) Isophorone	6.118	82	4279898	120.52	µg/mL	95
23) 2,4-Dimethylphenol	6.193	107	2442858	139.42	µg/mL	95
24) 2-Nitrophenol (CCC)	6.198	139	1390088	125.04	µg/mL	92
25) Benzoic acid	6.278	105	1884010	159.86	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.278	93	2556990	118.23	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.428	162	2045970	131.90	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.519	180	2465876	120.61	µg/mL	98
29) Naphthalene	6.609	128	6652351	113.55	µg/mL#	82
30) 4-Chloroaniline	6.625	65	810900	122.92	µg/mL	73
31) Hexachlorobutadiene (CCC)	6.711	225	1526411	124.17	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.064	107	1993072	134.27	µg/mL	91
33) 2-Methylnaphthalene	7.288	142	4510862	120.24	µg/mL	100
34) 1-Methylnaphthalene	7.389	142	4367649	120.36	µg/mL	99
35) Hexachlorocyclopentadi...	7.443	237	1697507	135.23	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.550	196	1575736	124.13	µg/mL	100
38) 2,4,5-Trichlorophenol	7.587	196	1597090	125.47	µg/mL#	89
40) 2-Chloronaphthalene	7.779	162	4326768	116.31	µg/mL	93
41) 2-Nitroaniline	7.854	65	1185450	123.53	µg/mL	87
42) 1,4-Dinitrobenzene	7.977	168	816936m	119.66	µg/mL	Manual Int. "WP" (EDE)
43) Dimethylphthalate	8.009	163	4936719	116.89	µg/mL	98
44) 1,3-Dinitrobenzene	8.063	168	900830	128.04	µg/mL#	72
45) 2,6-Dinitrotoluene	8.084	165	1243711	121.87	µg/mL#	76
46) 1,2-Dinitrobenzene	8.153	168	593585	124.19	µg/mL	88

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002878.D
 Acq On : 18 Oct 2010 8:24 pm
 Operator : dda
 Sample : SSTD120-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 12:14:38 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:34:25 2010
 Response via : Initial Calibration

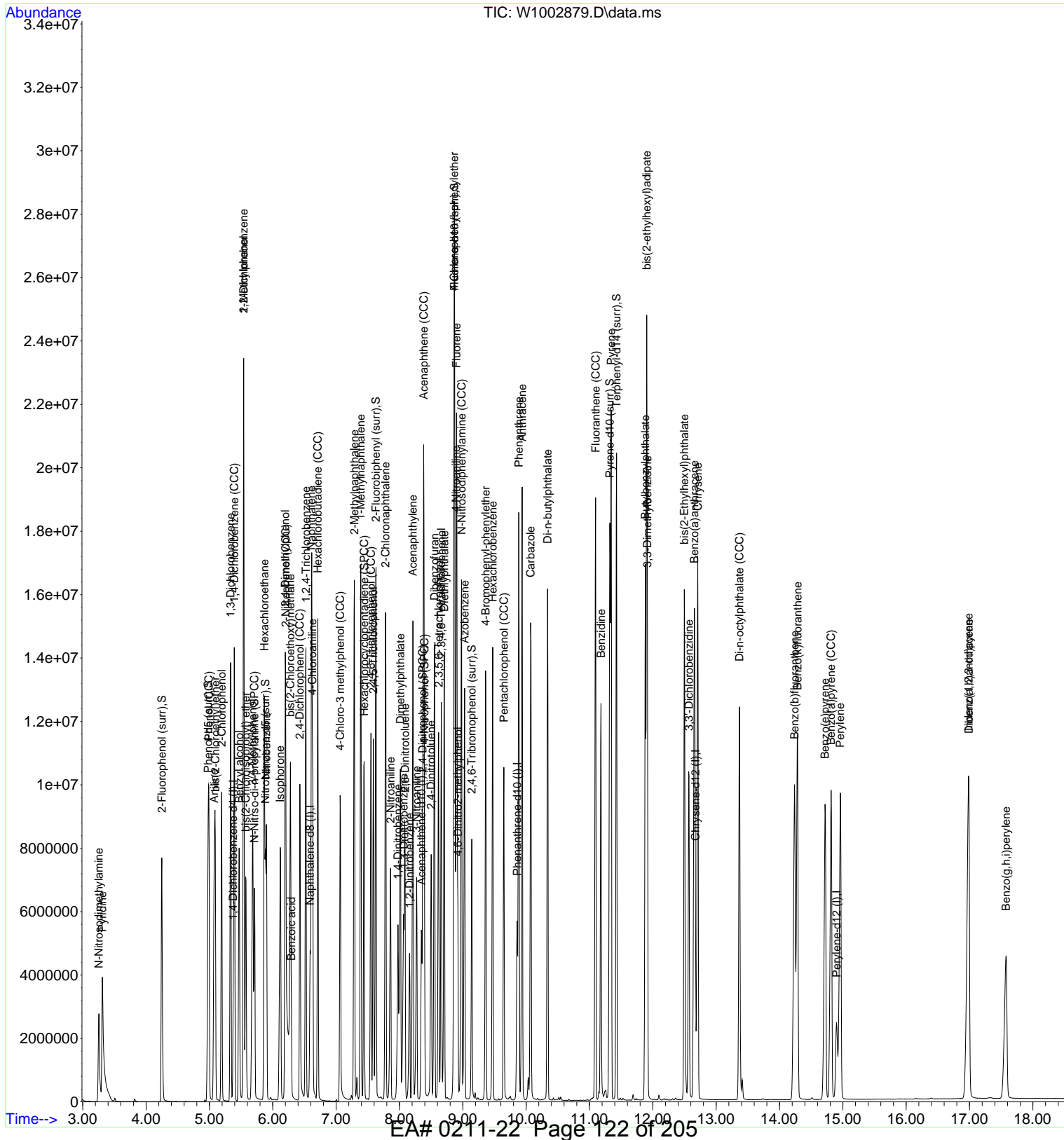
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.212	152	6412169	113.65	µg/mL	95
48) 3-Nitroaniline	8.271	138	1247776	124.30	µg/mL#	76
49) Acenaphthene (CCC)	8.383	154	4267963	118.28	µg/mL	92
50) 2,4-Dinitrophenol (SPCC)	8.367	184	758110	160.48	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.388	139	1003648	140.40	µg/mL#	74
52) 2,4-Dinitrotoluene	8.495	165	1578371	124.57	µg/mL	87
53) Dibenzofuran	8.549	168	5664751	115.15	µg/mL	92
54) 2,3,5,6-Tetrachlorophenol	8.618	232	1400720	131.14	µg/mL	98
55) 2,3,4,6-Tetrachlorophenol	8.661	232	1402198	129.71	µg/mL#	82
56) Diethylphthalate	8.704	149	4716072	115.11	µg/mL	97
58) 4-Chlorophenyl-phenyle...	8.864	204	2628420	121.32	µg/mL	98
59) Fluorene	8.901	166	4706583	116.49	µg/mL	99
60) 4-Nitroaniline	8.891	138	1227582	128.57	µg/mL	88
61) 4,6-Dinitro2-methylphenol	8.917	198	987659	145.47	µg/mL#	10
62) N-Nitrosodiphenylamine...	8.976	169	4133249	117.24	µg/mL	97
63) Azobenzene	9.024	77	4180139	113.83	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.361	248	1612330	124.47	µg/mL	97
67) Hexachlorobenzene	9.473	284	1701383	126.64	µg/mL#	90
68) Pentachlorophenol (CCC)	9.649	266	1052185	147.10	µg/mL	89
69) Phenanthrene	9.884	178	6387152	114.44	µg/mL	97
70) Anthracene	9.938	178	6488275	116.42	µg/mL	98
71) Carbazole	10.071	167	5721649	118.21	µg/mL	99
72) Di-n-butylphthalate	10.338	149	7022165	113.39	µg/mL	99
73) Fluoranthene (CCC)	11.097	202	6782097	116.78	µg/mL#	96
74) Benzidine	11.177	184	4250745	141.82	µg/mL	98
76) Pyrene	11.343	202	7136986	114.40	µg/mL#	96
79) Butylbenzylphthalate	11.877	149	3186427	120.43	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.909	212	4879382	131.13	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	2743784	116.28	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.497	149	4377746	120.70	µg/mL#	98
83) 3,3'-Dichlorobenzidine	12.566	252	2373255	134.24	µg/mL	99
84) Benzo(a)anthracene	12.657	228	6897657	119.38	µg/mL	97
85) Chrysene	12.710	228	6402828	117.64	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.367	149	7148627	124.81	µg/mL#	100
88) Benzo(b)fluoranthene	14.238	252	6718692	121.18	µg/mL#	98
89) Benzo(k)fluoranthene	14.281	252	6627053	122.38	µg/mL#	94
90) Benzo(e)pyrene	14.719	252	6027853	122.03	µg/mL	100
91) Benzo(a)pyrene (CCC)	14.815	252	6326927	124.14	µg/mL	96
92) Perylene	14.959	252	6400912	120.33	µg/mL	99
93) Indeno(1,2,3-cd)pyrene	16.989	276	6045974m	147.02	µg/mL	97
94) Dibenz(a,h)anthracene	16.984	278	5197283	122.19	µg/mL	97
95) Benzo(g,h,i)perylene	17.577	276	4731566	115.06	µg/mL	100

Manual Int. "WP" (EDE)

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

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Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002879.D
Acq On    : 18 Oct 2010    8:54 pm
Operator  : dda
Sample    : SSTD160-SCAN gcms22pg125
Misc      : gcmsprep2pg30
ALS Vial  : 12    Sample Multiplier: 1
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Quant Time: Oct 20 12:15:17 2010
Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Oct 19 11:36:17 2010
Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002879.D
 Acq On : 18 Oct 2010 8:54 pm
 Operator : dda
 Sample : SSTD160-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 12:15:17 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:36:17 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	673532	40.00	µg/mL	# 0.00
21) Naphthalene-d8 (I)	6.588	136	2366580	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.346	164	1358679	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.858	188	2516253	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.673	240	2291395	40.00	µg/mL	0.00
87) Perylene-d12 (I)	14.901	264	1886569	40.00	µg/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.248	112	2937218	159.96	µg/mL	0.00
5) Phenol-d5 (surr)	4.980	99	3293639	154.22	µg/mL	0.00
19) Nitrobenzene-d5 (surr)	5.883	82	3320235	158.36	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.630	172	6215938	147.96	µg/mL	0.00
57) Fluorene-d10 (surr)	8.869	176	5946373	159.38	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.142	330	1063166	184.54	µg/mL	0.00
75) Pyrene-d10 (surr)	11.321	212	8046097	153.41	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.428	244	6485723	155.36	µg/mL	0.00
Target Compounds						
						Qvalue
2) N-Nitrosodimethylamine	3.255	74	2078189	160.24	µg/mL	89
3) Pyridine	3.308	79	3461744	160.48	µg/mL#	83
6) Phenol (CCC)	4.991	94	3371914	151.24	µg/mL#	92
7) Aniline	5.076	66	1566019	155.29	µg/mL	82
8) bis(2-Chloroethyl)ether	5.092	63	1996432	151.55	µg/mL	91
9) 2-Chlorophenol	5.194	128	3120918	155.12	µg/mL	95
10) 1,3-Dichlorobenzene	5.333	146	3568480	154.62	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	3597095	153.65	µg/mL	99
12) Benzyl alcohol	5.472	108	1759118	162.01	µg/mL	86
13) 1,2-Dichlorobenzene	5.541	146	3382190	153.67	µg/mL#	94
14) 2-Methylphenol	5.541	107	2305638	156.25	µg/mL	96
15) bis(2-Chloroisopropyl)...	5.573	45	2460461	151.22	µg/mL#	80
16) 3/4-Methylphenol	5.680	107	3125251	161.74	µg/mL	95
17) N-Nitrso-di-n-propylam...	5.712	70	2127745	158.08	µg/mL#	71
18) Hexachloroethane	5.867	117	1364287	159.43	µg/mL	93
20) Nitrobenzene	5.899	77	2965421	153.33	µg/mL	88
22) Isophorone	6.118	82	5347160	154.77	µg/mL	94
23) 2,4-Dimethylphenol	6.198	107	3051656	179.01	µg/mL	97
24) 2-Nitrophenol (CCC)	6.203	139	1796992	166.15	µg/mL	93
25) Benzoic acid	6.294	105	2443160	213.08	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.278	93	3186218	151.43	µg/mL#	97
27) 2,4-Dichlorophenol (CCC)	6.428	162	2620544	173.64	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.524	180	3137769	157.75	µg/mL	98
29) Naphthalene	6.609	128	8215827	144.15	µg/mL#	81
30) 4-Chloroaniline	6.625	65	1008461	157.13	µg/mL	75
31) Hexachlorobutadiene (CCC)	6.711	225	1961876	164.04	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.064	107	2554086	176.83	µg/mL	93
33) 2-Methylnaphthalene	7.288	142	5580915	152.90	µg/mL	99
34) 1-Methylnaphthalene	7.389	142	5353707	151.65	µg/mL	100
35) Hexachlorocyclopentadi...	7.443	237	2101657	172.10	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.550	196	2051735	166.87	µg/mL	99
38) 2,4,5-Trichlorophenol	7.587	196	2123898	172.27	µg/mL#	90
40) 2-Chloronaphthalene	7.779	162	5435141	150.84	µg/mL#	92
41) 2-Nitroaniline	7.860	65	1548645	166.60	µg/mL	87
42) 1,4-Dinitrobenzene	7.977	168	1091043m	162.60	µg/mL	78
43) Dimethylphthalate	8.014	163	6489698	158.64	µg/mL	98
44) 1,3-Dinitrobenzene	8.068	168	1200737	176.20	µg/mL#	75
45) 2,6-Dinitrotoluene	8.089	165	1659543	167.89	µg/mL#	78
46) 1,2-Dinitrobenzene	8.159	168	801577	173.15	µg/mL	88

Manual Int. "WP" (EDE)

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002879.D
 Acq On : 18 Oct 2010 8:54 pm
 Operator : dda
 Sample : SSTD160-SCAN gcms22pg125
 Misc : gcmsprep2pg30
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 12:15:17 2010
 Quant Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 11:36:17 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.212	152	8115474	148.51	µg/mL	94
48) 3-Nitroaniline	8.271	138	1651596	169.86	µg/mL#	76
49) Acenaphthene (CCC)	8.383	154	5451356	155.98	µg/mL	93
50) 2,4-Dinitrophenol (SPCC)	8.367	184	1061235	231.92	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.394	139	1347780	194.65	µg/mL#	74
52) 2,4-Dinitrotoluene	8.501	165	2126518	173.27	µg/mL	87
53) Dibenzofuran	8.554	168	7226840	151.67	µg/mL	91
54) 2,3,5,6-Tetrachlorophenol	8.618	232	1923007	185.88	µg/mL	98
55) 2,3,4,6-Tetrachlorophenol	8.661	232	1852921	176.96	µg/mL#	81
56) Diethylphthalate	8.709	149	6077894	153.16	µg/mL	96
58) 4-Chlorophenyl-phenyle...	8.864	204	3463398	165.04	µg/mL	99
59) Fluorene	8.901	166	6120247	156.39	µg/mL	99
60) 4-Nitroaniline	8.896	138	1667054	180.27	µg/mL	91
61) 4,6-Dinitro2-methylphenol	8.923	198	1373367	208.84	µg/mL#	8
62) N-Nitrosodiphenylamine...	8.981	169	5463024	159.98	µg/mL	98
63) Azobenzene	9.030	77	5335363	149.99	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.361	248	2194998	166.50	µg/mL	96
67) Hexachlorobenzene	9.473	284	2292317	167.65	µg/mL#	90
68) Pentachlorophenol (CCC)	9.649	266	1449126	199.06	µg/mL	89
69) Phenanthrene	9.884	178	8396637	147.82	µg/mL	96
70) Anthracene	9.938	178	8383752	147.81	µg/mL	96
71) Carbazole	10.071	167	7617280	154.63	µg/mL	97
72) Di-n-butylphthalate	10.338	149	8883374	140.95	µg/mL	98
73) Fluoranthene (CCC)	11.097	202	8829464	149.38	µg/mL#	95
74) Benzidine	11.182	184	5525908	181.15	µg/mL	98
76) Pyrene	11.343	202	9167949	144.39	µg/mL#	94
79) Butylbenzylphthalate	11.882	149	4110291	162.28	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.914	212	6289525	176.56	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.904	129	3588752	158.87	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.497	149	5599108	161.26	µg/mL#	96
83) 3,3'-Dichlorobenzidine	12.571	252	3194173	188.73	µg/mL	98
84) Benzo(a)anthracene	12.657	228	8682401	156.97	µg/mL	96
85) Chrysene	12.710	228	8108075	155.61	µg/mL	97
86) Di-n-octylphthalate (CCC)	13.367	149	8822468	160.90	µg/mL#	100
88) Benzo(b)fluoranthene	14.238	252	8302487	175.99	µg/mL	98
89) Benzo(k)fluoranthene	14.286	252	7385841	160.30	µg/mL#	93
90) Benzo(e)pyrene	14.719	252	6925339	164.78	µg/mL	100
91) Benzo(a)pyrene (CCC)	14.815	252	7257690	167.35	µg/mL	96
92) Perylene	14.959	252	7263792	160.48	µg/mL	98
93) Indeno(1,2,3-cd)pyrene	16.984	276	6422568m	183.55	µg/mL	97
94) Dibenz(a,h)anthracene	16.989	278	5561636	153.67	µg/mL	97
95) Benzo(g,h,i)perylene	17.577	276	4959425	141.74	µg/mL	100

Manual Int. "WP" (EDE)

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

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002880.D
 Acq On : 18 Oct 2010 9:22 pm
 Operator : dda
 Sample : SST050-SCAN (ICV) gcms22pg14
 Misc : gcmsprep2pg14
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 12:15:59 2010
 Quant Method : M:\ms2010\methods\wiley\W101810Xjunk-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:23:46 2010
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4 (I)	1.000	1.000	0.0	105	0.00
2	N-Nitrosodimethylamine	0.770	0.756	1.8	102	0.00
3	Pyridine	1.281	1.260	1.6	102	0.00
4 S	2-Fluorophenol (surr)	1.091	1.096	-0.5	105	0.00
5 S	Phenol-d5 (surr)	1.268	1.246	1.7	104	0.00
6	Phenol (CCC)	1.324	1.264	4.5	101	0.00
7	Aniline	0.599	0.579	3.3	101	0.00
8	bis(2-Chloroethyl)ether	0.782	0.760	2.8	100	0.00
9	2-Chlorophenol	1.195	1.165	2.5	102	0.00
10	1,3-Dichlorobenzene	1.371	1.319	3.8	102	0.00
11	1,4-Dichlorobenzene (CCC)	1.390	1.349	2.9	102	0.00
12	Benzyl alcohol	0.645	0.639	0.9	104	0.00
13	1,2-Dichlorobenzene	1.307	1.246	4.7	101	0.00
14	2-Methylphenol	0.876	0.830	5.3	101	0.00
15	bis(2-Chloroisopropyl) ethe	0.966	0.942	2.5	101	0.00
16	3/4-Methylphenol	1.148	1.097	4.4	102	0.00
17	N-Nitrso-di-n-propylamine (	0.799	0.773	3.3	101	0.00
18	Hexachloroethane	0.508	0.496	2.4	102	0.00
19 S	Nitrobenzene-d5 (surr)	1.245	1.221	1.9	102	0.00
20	Nitrobenzene	1.149	1.107	3.7	101	0.00
21 I	Naphthalene-d8 (I)	1.000	1.000	0.0	102	0.00
22	Isophorone	0.584	0.587	-0.5	101	0.00
23	2,4-Dimethylphenol	0.288	0.310	-7.6	104	0.00
24	2-Nitrophenol (CCC)	0.183	0.182	0.5	102	0.00
25	Benzoic acid	0.194	0.218	-12.4	103	0.00
26	bis(2-Chloroethoxy)methane	0.356	0.352	1.1	101	0.00
27	2,4-Dichlorophenol (CCC)	0.255	0.258	-1.2	101	0.00
28	1,2,4-Trichlorobenzene	0.336	0.317	5.7	99	0.00
29	Naphthalene	0.963	0.944	2.0	101	0.00
30	4-Chloroaniline	0.108	0.109	-0.9	102	0.00
31	Hexachlorobutadiene (CCC)	0.202	0.196	3.0	102	0.00
32	4-Chloro-3 methylphenol (CC	0.244	0.253	-3.7	101	0.00
33	2-Methylnaphthalene	0.617	0.575	6.8	96	0.00
34	1-Methylnaphthalene	0.597	0.587	1.7	101	0.00
35	Hexachlorocyclopentadiene (	0.206	0.207	-0.5	98	0.00
36 I	Acenaphthene-d10 (I)	1.000	1.000	0.0	102	0.00
37	2,4,6-Trichlorophenol (CCC)	0.362	0.355	1.9	100	0.00
38	2,4,5-Trichlorophenol	0.363	0.366	-0.8	103	0.00
39 S	2-Fluorobiphenyl (surr)	1.237	1.213	1.9	101	0.00
40	2-Chloronaphthalene	1.061	1.040	2.0	101	0.00
41	2-Nitroaniline	0.274	0.277	-1.1	100	0.00
42	1,4-Dinitrobenzene	0.194	0.179	7.7	100	0.00
43	Dimethylphthalate	1.204	1.182	1.8	101	0.00
44	1,3-Dinitrobenzene	0.201	0.202	-0.5	100	0.00
45	2,6-Dinitrotoluene	0.291	0.289	0.7	102	0.00
46	1,2-Dinitrobenzene	0.136	0.136	0.0	102	0.00
47	Acenaphthylene	1.609	1.602	0.4	101	0.00
48	3-Nitroaniline	0.286	0.282	1.4	99	0.00
49	Acenaphthene (CCC)	1.029	0.994	3.4	100	0.00
50	2,4-Dinitrophenol (SPCC)	0.135	0.144	-6.7	98	0.00
51	4-Nitrophenol (SPCC)	0.204	0.208	-2.0	96	0.00
52	2,4-Dinitrotoluene	0.361	0.362	-0.3	101	0.00

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002880.D
 Acq On : 18 Oct 2010 9:22 pm
 Operator : dda
 Sample : SSTD050-SCAN (ICV) gcms22pg14
 Misc : gcmsprep2pg14
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 12:15:59 2010
 Quant Method : M:\ms2010\methods\wiley\W101810Xjunk-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:23:46 2010
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

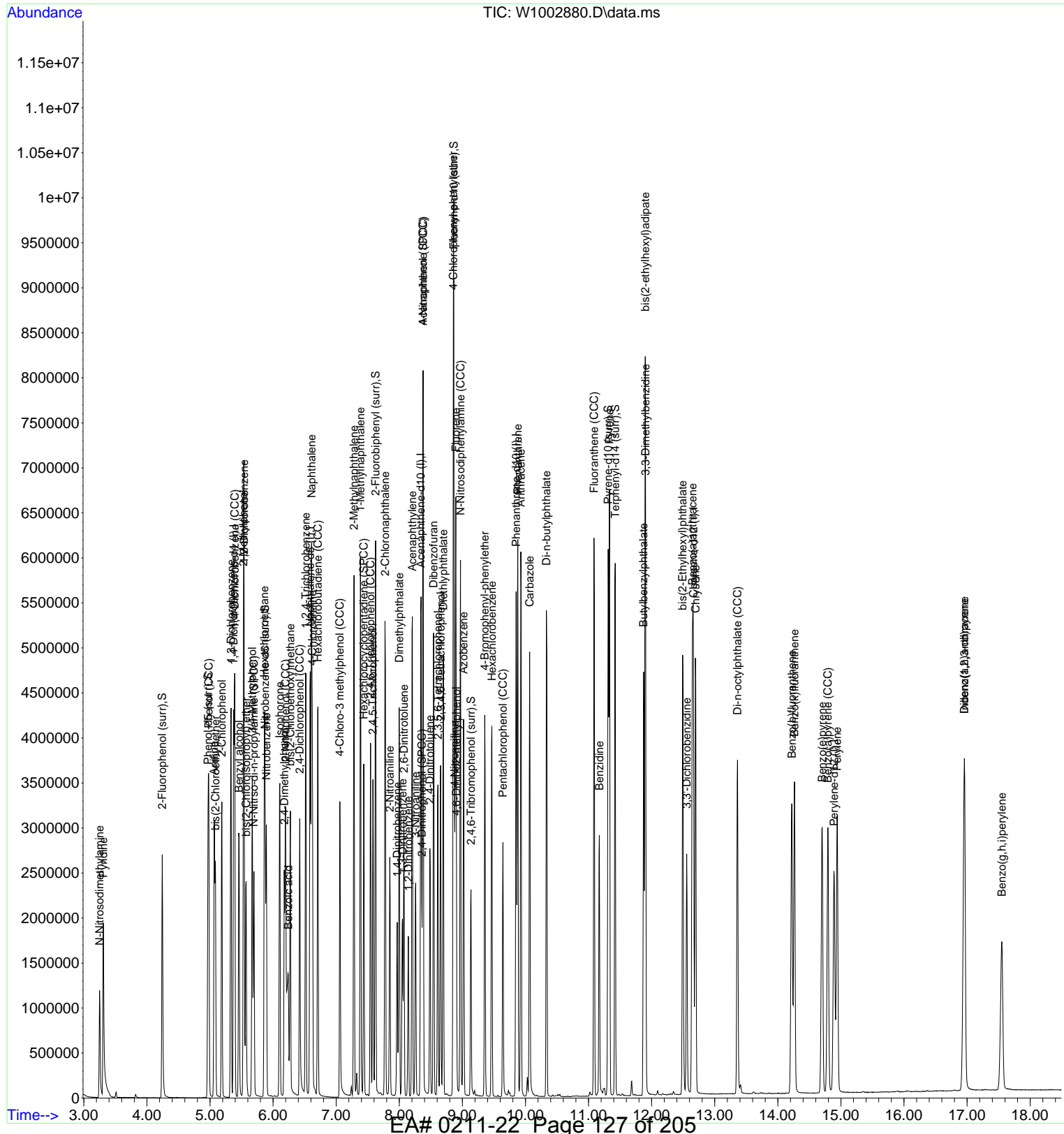
	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
53	Dibenzofuran	1.403	1.338	4.6	98	0.00
54	2,3,5,6-Tetrachlorophenol	0.305	0.304	0.3	100	0.00
55	2,3,4,6-Tetrachlorophenol	0.308	0.308	0.0	101	0.00
56	Diethylphthalate	1.168	1.145	2.0	99	0.00
57 S	Fluorene-d10 (surr)	1.098	0.983	10.5	91	0.00
58	4-Chlorophenyl-phenylether	0.618	0.594	3.9	100	0.00
59	Fluorene	1.152	1.105	4.1	97	0.00
60	4-Nitroaniline	0.272	0.272	0.0	97	0.00
61	4,6-Dinitro2-methylphenol	0.194	0.200	-3.1	98	0.00
62	N-Nitrosodiphenylamine (CCC)	1.005	0.983	2.2	100	0.00
63	Azobenzene	1.047	1.020	2.6	96	0.00
64 I	Phenanthrene-d10 (I)	1.000	1.000	0.0	99	0.00
65 S	2,4,6-Tribromophenol (surr)	0.092	0.097	-5.4	107	0.00
66	4-Bromophenyl-phenylether	0.210	0.207	1.4	101	0.00
67	Hexachlorobenzene	0.217	0.215	0.9	101	0.00
68	Pentachlorophenol (CCC)	0.116	0.122	-5.2	101	0.00
69	Phenanthrene	0.903	0.885	2.0	97	0.00
70	Anthracene	0.902	0.899	0.3	98	0.00
71	Carbazole	0.783	0.792	-1.1	100	0.00
72	Di-n-butylphthalate	1.002	1.013	-1.1	97	0.00
73	Fluoranthene (CCC)	0.940	0.907	3.5	95	0.00
74	Benzidine	0.485	0.438	9.7	88	0.00
75 S	Pyrene-d10 (surr)	0.834	0.890	-6.7	106	0.00
76	Pyrene	1.009	0.970	3.9	95	0.00
77 S	Terphenyl-d14 (surr)	0.664	0.654	1.5	98	0.00
78 I	Chrysene-d12 (I)	1.000	1.000	0.0	88	0.00
79	Butylbenzylphthalate	0.442	0.477	-7.9	94	0.00
80	3,3-Dimethylbenzidine	0.622	0.625	-0.5	87	0.00
81	bis(2-ethylhexyl)adipate	0.394	0.423	-7.4	93	0.00
82	bis(2-Ethylhexyl)phthalate	0.606	0.664	-9.6	91	0.00
83	3,3'-Dichlorobenzidine	0.295	0.294	0.3	95	0.00
84	Benzo(a)anthracene	0.966	0.956	1.0	88	0.00
85	Chrysene	0.910	0.894	1.8	87	0.00
86	Di-n-octylphthalate (CCC)	0.957	1.048	-9.5	88	0.00
87 I	Perylene-d12 (I)	1.000	1.000	0.0	82	0.00
88	Benzo(b)fluoranthene	1.000	1.014	-1.4	85	0.00
89	Benzo(k)fluoranthene	0.977	0.940	3.8	79	0.00
90	Benzo(e)pyrene	0.891	0.916	-2.8	86	0.00
91	Benzo(a)pyrene (CCC)	0.920	0.911	1.0	81	0.00
92	Perylene	0.960	0.928	3.3	80	0.00
93	Indeno(1,2,3-cd)pyrene	0.794	0.901	-13.5	75	0.00
94	Dibenz(a,h)anthracene	0.767	0.757	1.3	75	-0.01
95	Benzo(g,h,i)perylene	0.742	0.738	0.5	74	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

```
Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002880.D
Acq On    : 18 Oct 2010    9:22 pm
Operator  : dda
Sample    : SSTD050-SCAN (ICV) gcms22pg14
Misc      : gcmsprep2pg14
ALS Vial  : 13    Sample Multiplier: 1
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Quant Time: Oct 20 12:15:59 2010
Quant Method : M:\ms2010\methods\wiley\W101810Xjunk-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Oct 19 10:23:46 2010
Response via : Initial Calibration



Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002880.D
 Acq On : 18 Oct 2010 9:22 pm
 Operator : dda
 Sample : SST050-SCAN (ICV) gcms22pg14
 Misc : gcmsprep2pg14
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 12:15:59 2010
 Quant Method : M:\ms2010\methods\wiley\W101810Xjunk-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:23:46 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.375	152	688226	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.588	136	2399400	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.340	164	1346787	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.852	188	2321939	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.662	240	2016217	40.00	µg/mL	-0.01
87) Perylene-d12 (I)	14.890	264	1770087	40.00	µg/mL	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.243	112	942676	50.24	µg/mL	0.00
5) Phenol-d5 (surr)	4.969	99	1072314	49.14	µg/mL	-0.01
19) Nitrobenzene-d5 (surr)	5.872	82	1050722	49.04	µg/mL	-0.01
39) 2-Fluorobiphenyl (surr)	7.624	172	2042041	49.04	µg/mL	0.00
57) Fluorene-d10 (surr)	8.864	176	1654743	44.74	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.136	330	282026	53.05	µg/mL	0.00
75) Pyrene-d10 (surr)	11.311	212	2584320	53.40	µg/mL	-0.01
77) Terphenyl-d14 (surr)	11.423	244	1897215	49.25	µg/mL	0.00
Target Compounds						
						Qvalue
2) N-Nitrosodimethylamine	3.249	74	650462	49.08	µg/mL	89
3) Pyridine	3.308	79	1084039	49.18	µg/mL#	83
6) Phenol (CCC)	4.980	94	1087452	47.73	µg/mL#	92
7) Aniline	5.065	66	497934	48.32	µg/mL	90
8) bis(2-Chloroethyl)ether	5.087	63	653516	48.55	µg/mL	89
9) 2-Chlorophenol	5.188	128	1002204	48.75	µg/mL	95
10) 1,3-Dichlorobenzene	5.333	146	1134739	48.12	µg/mL	99
11) 1,4-Dichlorobenzene (CCC)	5.391	146	1160863	48.53	µg/mL	99
12) Benzyl alcohol	5.461	108	550127	49.58	µg/mL	88
13) 1,2-Dichlorobenzene	5.541	146	1071979	47.66	µg/mL	95
14) 2-Methylphenol	5.530	107	713985	47.36	µg/mL	96
15) bis(2-Chloroisopropyl)...	5.573	45	810431	48.75	µg/mL#	82
16) 3/4-Methylphenol	5.669	107	943342	47.78	µg/mL	95
17) N-Nitrso-di-n-propylam...	5.696	70	665016	48.35	µg/mL#	71
18) Hexachloroethane	5.861	117	427064	48.84	µg/mL	88
20) Nitrobenzene	5.894	77	952529	48.20	µg/mL	87
22) Isophorone	6.107	82	1759588	50.23	µg/mL	96
23) 2,4-Dimethylphenol	6.177	107	930823	52.23	µg/mL#	67
24) 2-Nitrophenol (CCC)	6.198	139	547329	49.91	µg/mL	90
25) Benzoic acid	6.241	105	653741	56.24	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.273	93	1054912	49.45	µg/mL	97
27) 2,4-Dichlorophenol (CCC)	6.422	162	773012	50.07	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.519	180	949915	47.10	µg/mL	97
29) Naphthalene	6.609	128	2831328	49.00	µg/mL#	87
30) 4-Chloroaniline	6.620	65	326892	50.24	µg/mL	73
31) Hexachlorobutadiene (CCC)	6.711	225	588090	48.50	µg/mL	99
32) 4-Chloro-3 methylpheno...	7.058	107	757761	51.75	µg/mL	93
33) 2-Methylnaphthalene	7.282	142	1723519	46.57	µg/mL	100
34) 1-Methylnaphthalene	7.384	142	1760290	49.18	µg/mL	99
35) Hexachlorocyclopentadi...	7.437	237	622246	50.26	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.544	196	598454	49.12	µg/mL	99
38) 2,4,5-Trichlorophenol	7.582	196	616336	50.43	µg/mL#	92
40) 2-Chloronaphthalene	7.774	162	1750104	49.00	µg/mL	94
41) 2-Nitroaniline	7.849	65	466776	50.66	µg/mL	86
42) 1,4-Dinitrobenzene	7.966	168	301474	51.31	µg/mL#	85
43) Dimethylphthalate	7.998	163	1989983	49.07	µg/mL	99
44) 1,3-Dinitrobenzene	8.052	168	339326	50.23	µg/mL#	77
45) 2,6-Dinitrotoluene	8.073	165	486482	49.65	µg/mL#	75
46) 1,2-Dinitrobenzene	8.143	168	229329	49.97	µg/mL	88

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002880.D
 Acq On : 18 Oct 2010 9:22 pm
 Operator : dda
 Sample : SSTD050-SCAN (ICV) gcms22pg14
 Misc : gcmsprep2pg14
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 12:15:59 2010
 Quant Method : M:\ms2010\methods\wiley\W101810Xjunk-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Oct 19 10:23:46 2010
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.207	152	2697323	49.80	µg/mL	97
48) 3-Nitroaniline	8.260	138	475207	49.30	µg/mL#	72
49) Acenaphthene (CCC)	8.378	154	1672802	48.29	µg/mL	94
50) 2,4-Dinitrophenol (SPCC)	8.356	184	243039	53.58	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.378	139	349836	51.21	µg/mL#	71
52) 2,4-Dinitrotoluene	8.484	165	609727	50.12	µg/mL	89
53) Dibenzofuran	8.543	168	2253212	47.71	µg/mL	94
54) 2,3,5,6-Tetrachlorophenol	8.613	232	511289	49.86	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.655	232	518904	49.75	µg/mL#	81
56) Diethylphthalate	8.698	149	1926868	48.98	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.858	204	1000592	48.10	µg/mL	97
59) Fluorene	8.896	166	1860174	47.95	µg/mL	100
60) 4-Nitroaniline	8.880	138	457380	49.90	µg/mL	86
61) 4,6-Dinitro2-methylphenol	8.907	198	336568	51.84	µg/mL#	11
62) N-Nitrosodiphenylamine...	8.971	169	1654790	48.89	µg/mL	95
63) Azobenzene	9.019	77	1717854	48.72	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.355	248	601962	49.48	µg/mL	97
67) Hexachlorobenzene	9.467	284	623183	49.39	µg/mL	92
68) Pentachlorophenol (CCC)	9.644	266	354702	52.80	µg/mL	90
69) Phenanthrene	9.879	178	2568324	49.01	µg/mL	99
70) Anthracene	9.927	178	2608767	49.84	µg/mL	100
71) Carbazole	10.066	167	2298332	50.56	µg/mL	99
72) Di-n-butylphthalate	10.333	149	2940310	50.57	µg/mL	99
73) Fluoranthene (CCC)	11.086	202	2633790	48.29	µg/mL#	98
74) Benzidine	11.172	184	1271135	45.17	µg/mL	99
76) Pyrene	11.332	202	2814190	48.06	µg/mL#	98
79) Butylbenzylphthalate	11.871	149	1202690	53.98	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.904	212	1576400	50.30	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.898	129	1066265	53.63	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.491	149	1673071	54.74	µg/mL#	100
83) 3,3'-Dichlorobenzidine	12.555	252	741563	49.83	µg/mL	99
84) Benzo(a)anthracene	12.646	228	2409352	49.40	µg/mL	98
85) Chrysene	12.694	228	2253864	49.18	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.362	149	2642075	54.74	µg/mL#	100
88) Benzo(b)fluoranthene	14.222	252	2244455	50.68	µg/mL	98
89) Benzo(k)fluoranthene	14.265	252	2079980	48.24	µg/mL	94
90) Benzo(e)pyrene	14.703	252	2027457	51.39	µg/mL	99
91) Benzo(a)pyrene (CCC)	14.794	252	2014918	49.42	µg/mL	97
92) Perylene	14.938	252	2052550	48.42	µg/mL	99
93) Indeno(1,2,3-cd)pyrene	16.957	276	1993996m	60.71	µg/mL	
94) Dibenz(a,h)anthracene	16.957	278	1674843	49.32	µg/mL#	96
95) Benzo(g,h,i)perylene	17.550	276	1633341	49.73	µg/mL	99

Manual Int. "WP" (EDE)

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

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100070.D
 Acq On : 5 Feb 2011 8:54 am
 Operator : tdd
 Sample : SSTD050 M8270
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 09:12:03 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4 (I)	1.000	1.000	0.0	103	0.00
2	N-Nitrosodimethylamine	0.770	0.668	13.2	89	-0.03
3	Pyridine	1.281	1.149	10.3	91	-0.03
4 S	2-Fluorophenol (surr)	1.091	1.034	5.2	97	-0.02
5 S	Phenol-d5 (surr)	1.268	1.230	3.0	101	-0.02
6	Phenol (CCC)	1.324	1.245	6.0	98	-0.01
7	Aniline	0.599	0.574	4.2	98	-0.02
8	bis(2-Chloroethyl)ether	0.782	0.733	6.3	95	-0.01
9	2-Chlorophenol	1.195	1.175	1.7	101	-0.01
10	1,3-Dichlorobenzene	1.371	1.371	0.0	103	0.00
11	1,4-Dichlorobenzene (CCC)	1.390	1.393	-0.2	103	0.00
12	Benzyl alcohol	0.645	0.610	5.4	98	0.00
13	1,2-Dichlorobenzene	1.307	1.341	-2.6	106	0.00
14	2-Methylphenol	0.876	0.894	-2.1	107	0.00
15	bis(2-Chloroisopropyl) ethe	0.966	0.908	6.0	95	0.00
16	3/4-Methylphenol	1.148	1.087	5.3	99	0.00
17	N-Nitrso-di-n-propylamine (	0.799	0.753	5.8	97	-0.01
18	Hexachloroethane	0.508	0.514	-1.2	103	0.00
19 S	Nitrobenzene-d5 (surr)	1.245	1.240	0.4	101	0.00
20	Nitrobenzene	1.149	1.099	4.4	98	0.00
21 I	Naphthalene-d8 (I)	1.000	1.000	0.0	102	0.00
22	Isophorone	0.584	0.541	7.4	93	-0.02
23	2,4-Dimethylphenol	0.288	0.322	-11.8	108	-0.03
24	2-Nitrophenol (CCC)	0.183	0.191	-4.4	106	-0.02
25	Benzoic acid	0.194	0.199	-2.6	94	-0.05
26	bis(2-Chloroethoxy)methane	0.356	0.325	8.7	93	0.00
27	2,4-Dichlorophenol (CCC)	0.255	0.270	-5.9	105	-0.01
28	1,2,4-Trichlorobenzene	0.336	0.341	-1.5	106	0.00
29	Naphthalene	0.963	0.983	-2.1	105	0.00
30	4-Chloroaniline	0.108	0.098	9.3	92	0.00
31	Hexachlorobutadiene (CCC)	0.202	0.206	-2.0	107	0.00
32	4-Chloro-3 methylphenol (CC	0.244	0.258	-5.7	103	0.00
33	2-Methylnaphthalene	0.617	0.625	-1.3	104	0.00
34	1-Methylnaphthalene	0.597	0.607	-1.7	104	0.00
35	Hexachlorocyclopentadiene (	0.206	0.208	-1.0	97	0.00
36 I	Acenaphthene-d10 (I)	1.000	1.000	0.0	103	0.00
37	2,4,6-Trichlorophenol (CCC)	0.362	0.356	1.7	101	-0.01
38	2,4,5-Trichlorophenol	0.363	0.361	0.6	102	-0.01
39 S	2-Fluorobiphenyl (surr)	1.237	1.232	0.4	104	-0.01
40	2-Chloronaphthalene	1.061	1.068	-0.7	105	-0.01
41	2-Nitroaniline	0.274	0.254	7.3	93	-0.02
42	1,4-Dinitrobenzene	0.175	0.181	-3.4	102	0.00
43	Dimethylphthalate	1.204	1.230	-2.2	106	-0.01
44	1,3-Dinitrobenzene	0.201	0.199	1.0	100	-0.02
45	2,6-Dinitrotoluene	0.291	0.292	-0.3	104	-0.01
46	1,2-Dinitrobenzene	0.136	0.132	2.9	100	-0.01
47	Acenaphthylene	1.609	1.669	-3.7	106	-0.01
48	3-Nitroaniline	0.286	0.264	7.7	94	-0.01
49	Acenaphthene (CCC)	1.029	1.065	-3.5	108	0.00
50	2,4-Dinitrophenol (SPCC)	0.135	0.144	-6.7	99	0.00
51	4-Nitrophenol (SPCC)	0.204	0.202	1.0	94	-0.01
52	2,4-Dinitrotoluene	0.361	0.376	-4.2	105	0.00

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100070.D
 Acq On : 5 Feb 2011 8:54 am
 Operator : tdd
 Sample : SST050 M8270
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 09:12:03 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

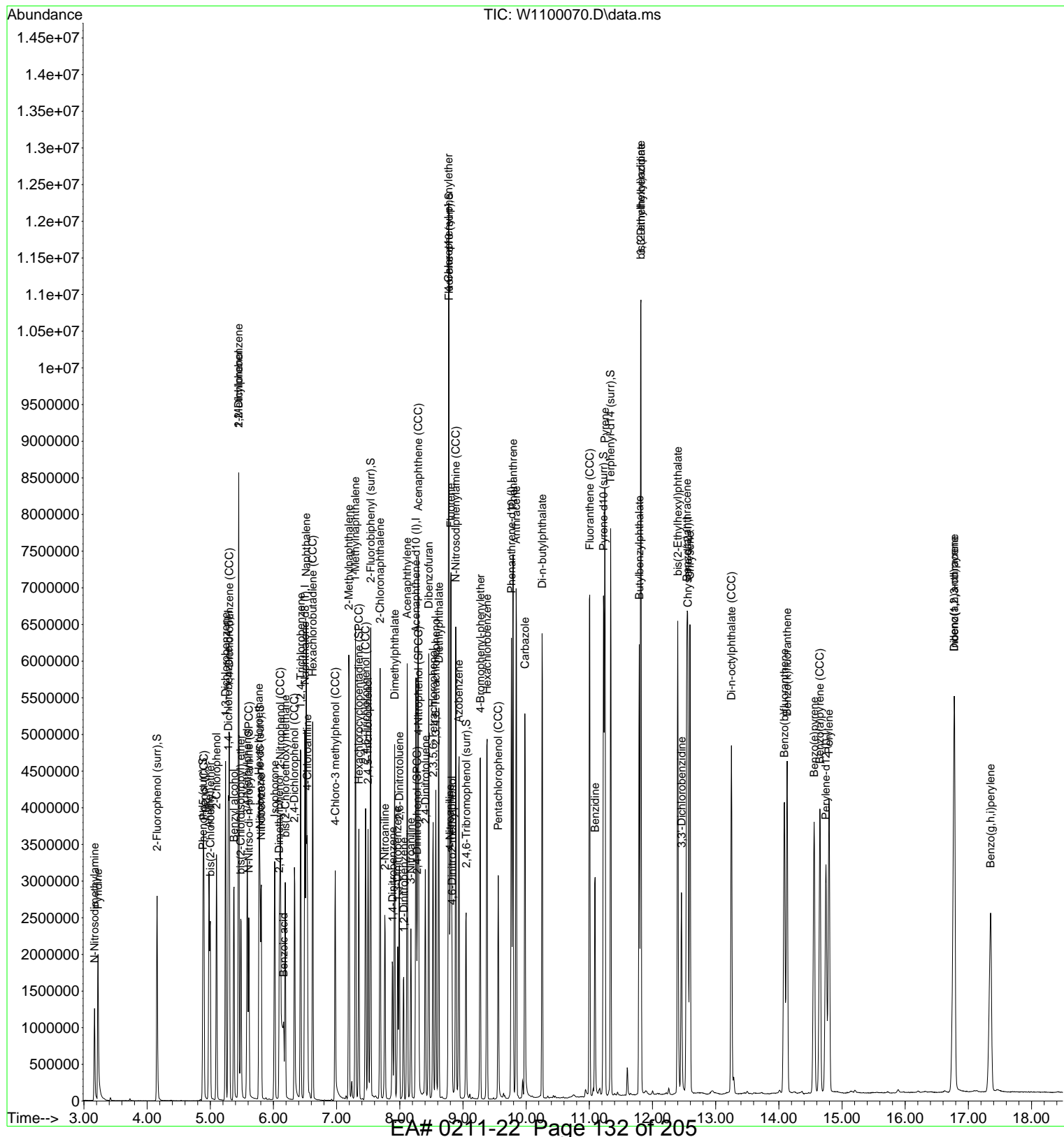
	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
53	Dibenzofuran	1.403	1.452	-3.5	107	0.00
54	2,3,5,6-Tetrachlorophenol	0.305	0.320	-4.9	107	0.00
55	2,3,4,6-Tetrachlorophenol	0.308	0.322	-4.5	107	0.00
56	Diethylphthalate	1.168	1.250	-7.0	109	0.00
57 S	Fluorene-d10 (surr)	1.098	1.225	-11.6	115	0.00
58	4-Chlorophenyl-phenylether	0.618	0.658	-6.5	112	0.00
59	Fluorene	1.152	1.247	-8.2	111	0.00
60	4-Nitroaniline	0.272	0.263	3.3	95	-0.01
61	4,6-Dinitro2-methylphenol	0.194	0.218	-12.4	107	0.00
62	N-Nitrosodiphenylamine (CCC)	1.005	1.041	-3.6	107	0.00
63	Azobenzene	1.047	1.055	-0.8	100	0.00
64 I	Phenanthrene-d10 (I)	1.000	1.000	0.0	108	0.00
65 S	2,4,6-Tribromophenol (surr)	0.092	0.096	-4.3	114	-0.01
66	4-Bromophenyl-phenylether	0.210	0.215	-2.4	114	0.00
67	Hexachlorobenzene	0.217	0.226	-4.1	115	0.00
68	Pentachlorophenol (CCC)	0.116	0.125	-7.8	111	0.00
69	Phenanthrene	0.903	0.932	-3.2	111	0.00
70	Anthracene	0.902	0.947	-5.0	111	0.00
71	Carbazole	0.783	0.807	-3.1	110	0.00
72	Di-n-butylphthalate	1.002	1.080	-7.8	111	0.00
73	Fluoranthene (CCC)	0.940	0.988	-5.1	112	0.00
74	Benzidine	0.485	0.436	10.1	95	0.00
75 S	Pyrene-d10 (surr)	0.834	0.876	-5.0	113	0.00
76	Pyrene	1.009	1.068	-5.8	114	0.00
77 S	Terphenyl-d14 (surr)	0.664	0.703	-5.9	114	0.00
78 I	Chrysene-d12 (I)	1.000	1.000	0.0	109	-0.01
79	Butylbenzylphthalate	0.442	0.475	-7.5	115	0.00
80	3,3-Dimethylbenzidine	0.622	0.623	-0.2	106	0.00
81	bis(2-ethylhexyl)adipate	0.394	0.424	-7.6	114	0.00
82	bis(2-Ethylhexyl)phthalate	0.606	0.662	-9.2	112	0.00
83	3,3'-Dichlorobenzidine	0.295	0.255	13.6	102	-0.01
84	Benzo(a)anthracene	0.966	0.962	0.4	109	-0.01
85	Chrysene	0.910	0.894	1.8	107	-0.02
86	Di-n-octylphthalate (CCC)	0.957	1.064	-11.2	110	-0.01
87 I	Perylene-d12 (I)	1.000	1.000	0.0	103	-0.02
88	Benzo(b)fluoranthene	1.000	0.985	1.5	104	-0.02
89	Benzo(k)fluoranthene	0.977	0.948	3.0	101	-0.02
90	Benzo(e)pyrene	0.891	0.894	-0.3	105	-0.02
91	Benzo(a)pyrene (CCC)	0.920	0.948	-3.0	106	-0.03
92	Perylene	0.960	0.958	0.2	105	-0.03
93	Indeno(1,2,3-cd)pyrene	0.910	1.056	-16.0	110	-0.05
94	Dibenz(a,h)anthracene	0.767	0.902	-17.6	112	-0.06
95	Benzo(g,h,i)perylene	0.742	0.861	-16.0	109	-0.06

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

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Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100070.D
Acq On    : 5 Feb 2011 8:54 am
Operator  : tdd
Sample    : SSTD050 M8270
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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Quant Time: Feb 05 09:12:03 2011
Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
Quant Title : 8270C - Full List
QLast Update : Tue Jan 04 17:58:34 2011
Response via : Initial Calibration



Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100070.D
 Acq On : 5 Feb 2011 8:54 am
 Operator : tdd
 Sample : SSTD050 M8270
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 09:12:03 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4...	5.285	152	673858	40.00	µg/mL	0.00
21) Naphthalene-d8 (I)	6.497	136	2393777	40.00	µg/mL	0.00
36) Acenaphthene-d10 (I)	8.255	164	1359115	40.00	µg/mL	0.00
64) Phenanthrene-d10 (I)	9.767	188	2511930	40.00	µg/mL	0.00
78) Chrysene-d12 (I)	12.561	240	2483190	40.00	µg/mL	-0.01
87) Perylene-d12 (I)	14.746	264	2231127	40.00	µg/mL	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol (surr)	4.157	112	871032	47.41	µg/mL	-0.02
5) Phenol-d5 (surr)	4.884	99	1036465	48.51	µg/mL	-0.02
19) Nitrobenzene-d5 (surr)	5.787	82	1044551	49.80	µg/mL	0.00
39) 2-Fluorobiphenyl (surr)	7.539	172	2093735	49.82	µg/mL	-0.01
57) Fluorene-d10 (surr)	8.778	176	2081715	55.78	µg/mL	0.00
65) 2,4,6-Tribromophenol (...)	9.051	330	300271	52.21	µg/mL	-0.01
75) Pyrene-d10 (surr)	11.225	212	2749601	52.51	µg/mL	0.00
77) Terphenyl-d14 (surr)	11.337	244	2208097	52.98	µg/mL	0.00
Target Compounds						
						Qvalue
2) N-Nitrosodimethylamine	3.169	74	562667	43.36	µg/mL	97
3) Pyridine	3.223	79	968193	44.86	µg/mL#	82
6) Phenol (CCC)	4.900	94	1048304	47.00	µg/mL#	89
7) Aniline	4.980	66	483894	47.96	µg/mL	85
8) bis(2-Chloroethyl)ether	5.002	63	617590	46.86	µg/mL	90
9) 2-Chlorophenol	5.098	128	989584	49.16	µg/mL	98
10) 1,3-Dichlorobenzene	5.242	146	1154978	50.02	µg/mL	98
11) 1,4-Dichlorobenzene (CCC)	5.301	146	1173202	50.09	µg/mL	99
12) Benzyl alcohol	5.375	108	513756	47.29	µg/mL	86
13) 1,2-Dichlorobenzene	5.450	146	1129293	51.28	µg/mL	96
14) 2-Methylphenol	5.450	107	753007	51.00	µg/mL	96
15) bis(2-Chloroisopropyl)...	5.482	45	764605	46.97	µg/mL#	75
16) 3/4-Methylphenol	5.584	107	915215	47.34	µg/mL	96
17) N-Nitrso-di-n-propylam...	5.611	70	634044	47.08	µg/mL#	75
18) Hexachloroethane	5.771	117	432561	50.52	µg/mL	88
20) Nitrobenzene	5.808	77	925891	47.85	µg/mL	89
22) Isophorone	6.022	82	1618787	46.32	µg/mL	94
23) 2,4-Dimethylphenol	6.091	107	963467	55.87	µg/mL#	85
24) 2-Nitrophenol (CCC)	6.107	139	572101	52.30	µg/mL	92
25) Benzoic acid	6.161	105	596892	51.47	µg/mL#	1
26) bis(2-Chloroethoxy)met...	6.187	93	973700	45.75	µg/mL	98
27) 2,4-Dichlorophenol (CCC)	6.332	162	808341	52.95	µg/mL#	96
28) 1,2,4-Trichlorobenzene	6.433	180	1021245	50.76	µg/mL	98
29) Naphthalene	6.519	128	2940859	51.01	µg/mL	90
30) 4-Chloroaniline	6.535	65	294383	45.35	µg/mL	87
31) Hexachlorobutadiene (CCC)	6.620	225	616471	50.96	µg/mL	99
32) 4-Chloro-3 methylpheno...	6.978	107	771962	52.84	µg/mL	91
33) 2-Methylnaphthalene	7.192	142	1870438	50.66	µg/mL	100
34) 1-Methylnaphthalene	7.299	142	1815386	50.84	µg/mL	98
35) Hexachlorocyclopentadi...	7.352	237	620982	50.27	µg/mL#	100
37) 2,4,6-Trichlorophenol ...	7.459	196	604933	49.19	µg/mL	100
38) 2,4,5-Trichlorophenol	7.496	196	612481	49.66	µg/mL#	89
40) 2-Chloronaphthalene	7.689	162	1814754	50.35	µg/mL	94
41) 2-Nitroaniline	7.763	65	431547	46.41	µg/mL	90
42) 1,4-Dinitrobenzene	7.886	168	308164	51.96	µg/mL#	84
43) Dimethylphthalate	7.918	163	2090183	51.08	µg/mL	99
44) 1,3-Dinitrobenzene	7.966	168	337761	49.55	µg/mL#	80
45) 2,6-Dinitrotoluene	7.993	165	495722	50.14	µg/mL	87
46) 1,2-Dinitrobenzene	8.063	168	224358	48.45	µg/mL	90

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100070.D
 Acq On : 5 Feb 2011 8:54 am
 Operator : tdd
 Sample : SSTD050 M8270
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 09:12:03 2011
 Quant Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Quant Title : 8270C - Full List
 QLast Update : Tue Jan 04 17:58:34 2011
 Response via : Initial Calibration

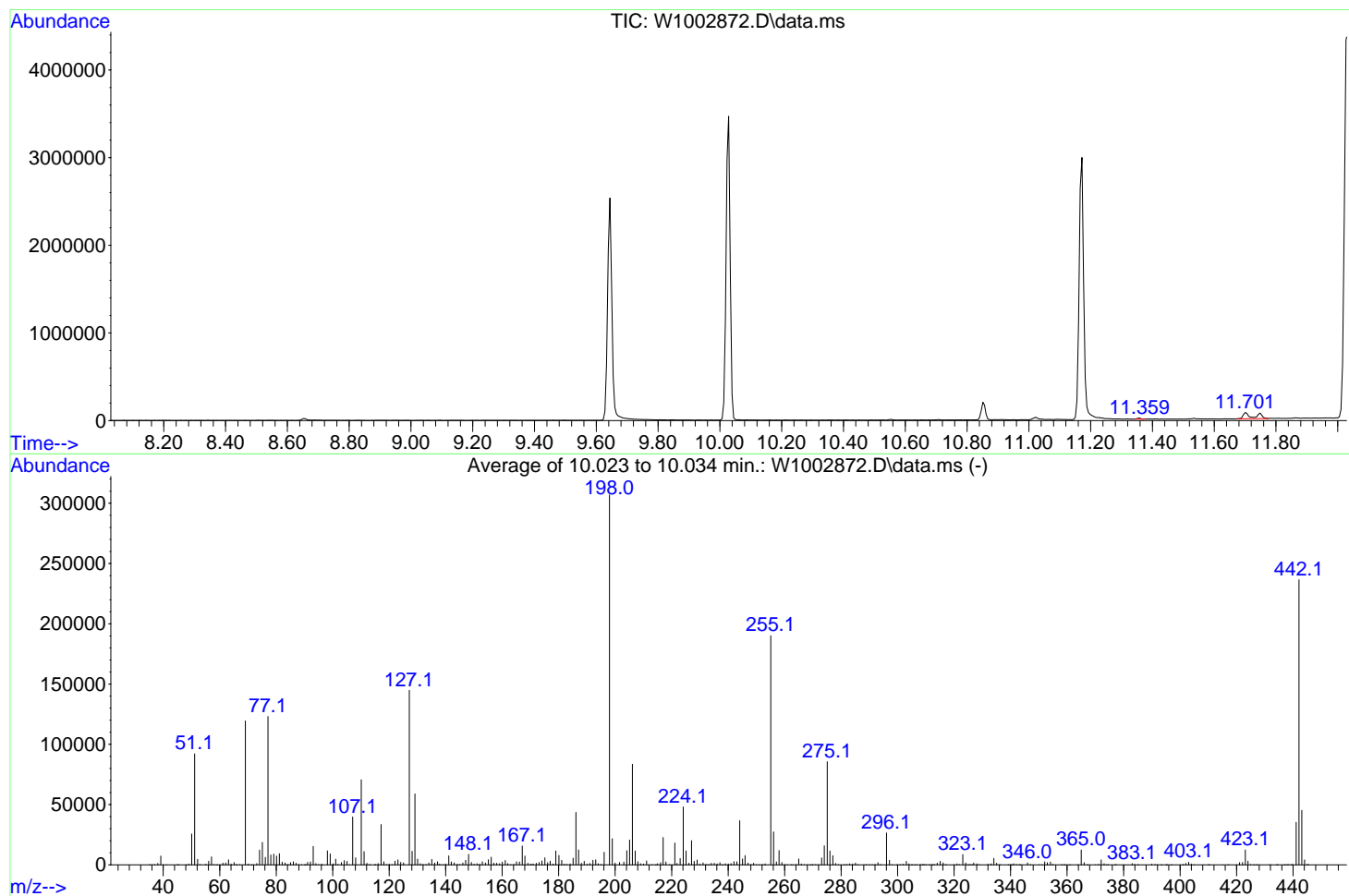
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Acenaphthylene	8.116	152	2835720	51.88	µg/mL	98
48) 3-Nitroaniline	8.175	138	448940	46.16	µg/mL#	78
49) Acenaphthene (CCC)	8.292	154	1808741	51.74	µg/mL	93
50) 2,4-Dinitrophenol (SPCC)	8.276	184	244131	53.34	µg/mL#	100
51) 4-Nitrophenol (SPCC)	8.298	139	343596	49.61	µg/mL#	74
52) 2,4-Dinitrotoluene	8.405	165	638176	51.98	µg/mL	91
53) Dibenzofuran	8.458	168	2466662	51.75	µg/mL	92
54) 2,3,5,6-Tetrachlorophenol	8.527	232	544379	52.60	µg/mL	97
55) 2,3,4,6-Tetrachlorophenol	8.570	232	547816	52.30	µg/mL#	79
56) Diethylphthalate	8.618	149	2123426	53.49	µg/mL	99
58) 4-Chlorophenyl-phenyle...	8.773	204	1118610	53.29	µg/mL	95
59) Fluorene	8.811	166	2118056	54.10	µg/mL	98
60) 4-Nitroaniline	8.794	138	447625	48.39	µg/mL#	82
61) 4,6-Dinitro2-methylphenol	8.827	198	370734	56.36	µg/mL#	14
62) N-Nitrosodiphenylamine...	8.885	169	1768745	51.78	µg/mL	96
63) Azobenzene	8.933	77	1791705	50.35	µg/mL#	100
66) 4-Bromophenyl-phenylether	9.275	248	675733	51.34	µg/mL	99
67) Hexachlorobenzene	9.382	284	711072	52.10	µg/mL	93
68) Pentachlorophenol (CCC)	9.558	266	391293	53.84	µg/mL	89
69) Phenanthrene	9.793	178	2926216	51.60	µg/mL	98
70) Anthracene	9.842	178	2972562	52.50	µg/mL	100
71) Carbazole	9.980	167	2535125	51.55	µg/mL	99
72) Di-n-butylphthalate	10.253	149	3391162	53.90	µg/mL	99
73) Fluoranthene (CCC)	11.006	202	3101198	52.56	µg/mL	99
74) Benzidine	11.092	184	1369847	44.98	µg/mL	99
76) Pyrene	11.247	202	3352945	52.90	µg/mL#	98
79) Butylbenzylphthalate	11.791	149	1475137	53.74	µg/mL#	100
80) 3,3-Dimethylbenzidine	11.818	212	1933345	50.08	µg/mL#	100
81) bis(2-ethylhexyl)adipate	11.813	129	1315138	53.72	µg/mL#	100
82) bis(2-Ethylhexyl)phtha...	12.401	149	2055102	54.62	µg/mL#	99
83) 3,3'-Dichlorobenzidine	12.459	252	792810	43.23	µg/mL	99
84) Benzo(a)anthracene	12.545	228	2985778	49.81	µg/mL	98
85) Chrysene	12.593	228	2776504	49.17	µg/mL	99
86) Di-n-octylphthalate (CCC)	13.250	149	3304108	55.61	µg/mL#	100
88) Benzo(b)fluoranthene	14.089	252	2745981	49.22	µg/mL	98
89) Benzo(k)fluoranthene	14.131	252	2644423m	48.52	µg/mL	Manual Int. "WP" (TDD)
90) Benzo(e)pyrene	14.559	252	2492522	50.15	µg/mL	
91) Benzo(a)pyrene (CCC)	14.650	252	2644153	51.54	µg/mL	97
92) Perylene	14.794	252	2671116	49.90	µg/mL	99
93) Indeno(1,2,3-cd)pyrene	16.776	276	2946367	58.06	µg/mL	95
94) Dibenz(a,h)anthracene	16.776	278	2515347	58.77	µg/mL	98
95) Benzo(g,h,i)perylene	17.353	276	2400399	58.01	µg/mL	99

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

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
 Data File : W1002872.D
 Acq On : 18 Oct 2010 5:33 pm
 Operator : dda
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : M:\ms2010\methods\wiley\W101810X-8270.M
 Title : 8270C - Full List
 Last Update : Wed Oct 20 14:58:44 2010



AutoFind: Scans 1318, 1319, 1320; Background Corrected with Scan 1312

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.0	92083	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.9	119435	PASS
70	69	0.00	2	0.6	751	PASS
127	198	40	60	47.2	144776	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	306901	PASS
199	198	5	9	7.1	21658	PASS
275	198	10	30	27.9	85621	PASS
365	198	1	100	4.1	12456	PASS
441	443	0.01	100	77.9	35283	PASS
442	198	40	100	77.1	236523	PASS
443	442	17	23	19.1	45283	PASS

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	71	50.10	25623	62.10	1589	73.10	1095
36.05	140	51.10	92083	63.10	4232	74.10	12303
37.00	389	52.15	4613	64.05	599	75.10	18631
38.10	1201	53.10	249	65.10	2029	76.15	6251
39.15	7406	55.10	668	65.80	55	77.10	123147
40.10	153	56.10	3048	66.15	120	78.10	8219
41.15	124	57.10	6631	67.10	204	79.10	8921
45.00	193	58.10	250	69.10	119435	80.10	7354
45.20	44	58.90	78	70.10	751	81.10	9291
48.10	47	60.00	124	71.10	58	82.10	2334
49.10	588	61.10	1482	72.00	114	83.10	1632

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
83.85	99	92.10	2468	104.10	3541	115.00	47
84.10	126	93.10	15303	105.10	2975	116.10	1081
84.30	116	94.05	1071	106.00	177	117.10	33520
85.10	1840	95.05	347	107.10	39725	118.10	2531
86.10	2620	96.15	586	108.10	5856	119.10	243
87.05	1311	98.10	11724	110.10	70621	120.05	477
88.05	367	99.10	9039	111.10	11083	121.00	228
89.00	278	100.10	873	112.10	1404	122.05	3061
89.90	35	101.05	4787	113.00	177	123.10	4126
90.30	47	101.90	341	113.15	216	124.10	2074
91.10	2159	103.10	1964	114.80	78	125.10	1728

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	144776	137.80	464	148.10	8660	158.05	1390
128.10	11349	138.20	83	149.10	1984	159.05	1023
129.10	58907	139.00	289	150.05	661	160.05	2349
130.05	4828	140.00	732	151.10	997	161.10	3680
131.05	930	141.10	7532	151.90	313	162.00	1057
132.00	396	142.00	2457	152.20	399	163.10	254
133.05	394	143.05	1791	153.00	2621	164.10	412
134.05	1606	144.15	470	154.10	1608	165.05	2639
135.10	4589	145.00	328	155.10	4353	166.10	2444
136.10	1650	146.05	1588	156.10	6416	167.10	15701
137.10	2650	147.05	3771	157.05	1396	168.05	7359

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
169.10	1368	179.00	11587	190.10	527	203.05	2362
170.05	566	180.10	7881	191.05	1274	204.10	11774
170.40	216	181.10	3852	192.10	3773	205.10	20593
171.00	688	182.00	592	193.10	4234	206.10	83491
172.10	1354	182.90	349	194.00	954	207.10	11545
173.10	2000	184.05	828	195.00	402	208.05	2714
174.05	3320	185.10	5521	196.10	10417	209.05	934
175.10	5899	186.10	43536	198.00	306901	210.05	806
176.10	1852	187.05	12341	199.00	21658	211.10	3361
177.00	3035	188.05	1310	200.00	1542	211.90	95
178.05	753	189.05	2902	201.55	1992	213.05	233

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
214.20	58	226.10	1311	235.10	1361	245.10	4908
215.00	938	227.05	20096	236.10	924	246.00	7769
216.10	1914	228.00	2934	237.10	1915	247.05	1547
217.00	22667	229.05	4092	237.90	146	248.05	339
218.00	2506	229.95	612	238.10	116	249.00	1384
219.20	250	231.10	1744	239.00	965	250.00	235
221.10	18122	231.90	74	240.05	723	251.05	299
221.90	1255	232.10	288	241.00	1150	252.10	358
223.00	5264	233.00	246	242.05	2715	253.10	876
224.10	48035	233.20	173	243.10	2626	255.10	190088
225.10	11551	234.05	1356	244.10	36661	256.10	27339

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

EA# 0211-22 Page 136 of 205

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
257.10	2400	267.90	132	278.05	1203	291.05	291
258.00	11841	268.90	37	279.05	284	291.90	117
259.00	2008	269.70	68	281.00	36	292.10	257
260.00	312	269.95	225	282.10	361	293.05	1842
260.95	301	271.00	445	283.05	899	294.00	360
262.20	50	272.00	304	284.05	699	296.05	26536
262.90	120	273.10	5792	285.10	1520	297.10	3759
264.05	363	274.05	15820	286.00	314	298.10	176
265.00	4967	275.10	85621	288.10	116	299.70	38
265.90	720	276.05	11521	288.95	342	300.85	165
267.00	247	277.05	7677	290.05	214	301.10	147

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
302.00	466	310.05	370	321.05	880	332.00	593
303.10	2920	311.10	49	321.95	225	333.05	840
304.05	898	312.00	47	323.10	8598	334.05	5405
304.90	75	312.20	42	324.10	1553	335.05	1336
305.15	99	312.90	81	324.90	84	335.90	42
306.00	48	313.05	244	325.20	55	336.20	127
306.95	100	314.00	1443	325.95	97	339.10	45
308.05	391	315.05	2901	326.20	62	339.80	67
308.70	39	316.10	1693	326.95	1558	340.20	61
309.00	254	317.10	366	328.10	913	341.10	1038
309.20	58	320.00	144	329.00	132	342.10	351

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
343.00	55	358.90	57	373.90	90	395.00	45
343.30	43	359.15	117	374.30	57	395.20	43
346.00	1783	360.80	45	376.90	63	396.70	34
347.05	370	363.70	51	377.10	35	400.90	75
350.10	123	365.00	12456	383.05	1081	401.15	140
351.15	93	366.05	1888	383.95	400	402.05	1261
352.05	2544	367.10	40	385.00	48	403.05	2245
353.00	1802	370.05	184	389.95	614	404.05	743
354.10	2480	371.10	558	391.10	389	405.05	159
355.00	455	372.05	4186	392.00	311	410.00	82
358.00	50	373.10	1033	393.30	41	410.20	38

Average of 10.023 to 10.034 min.: W1002872.D\data.ms

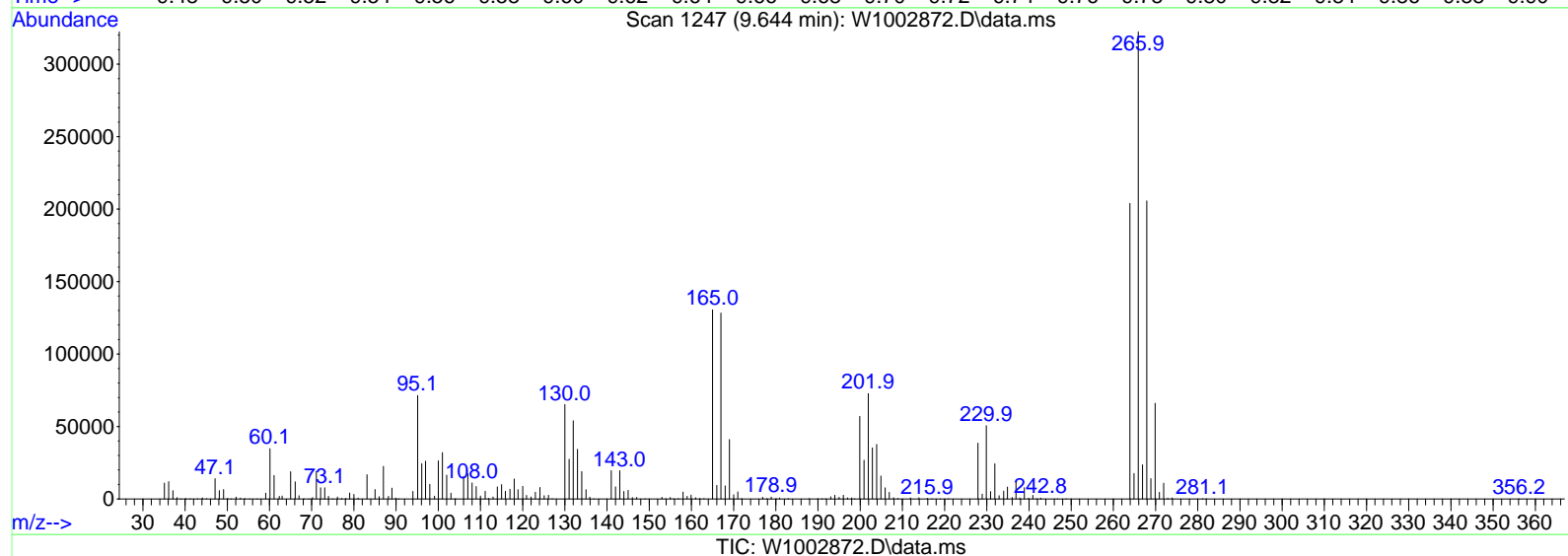
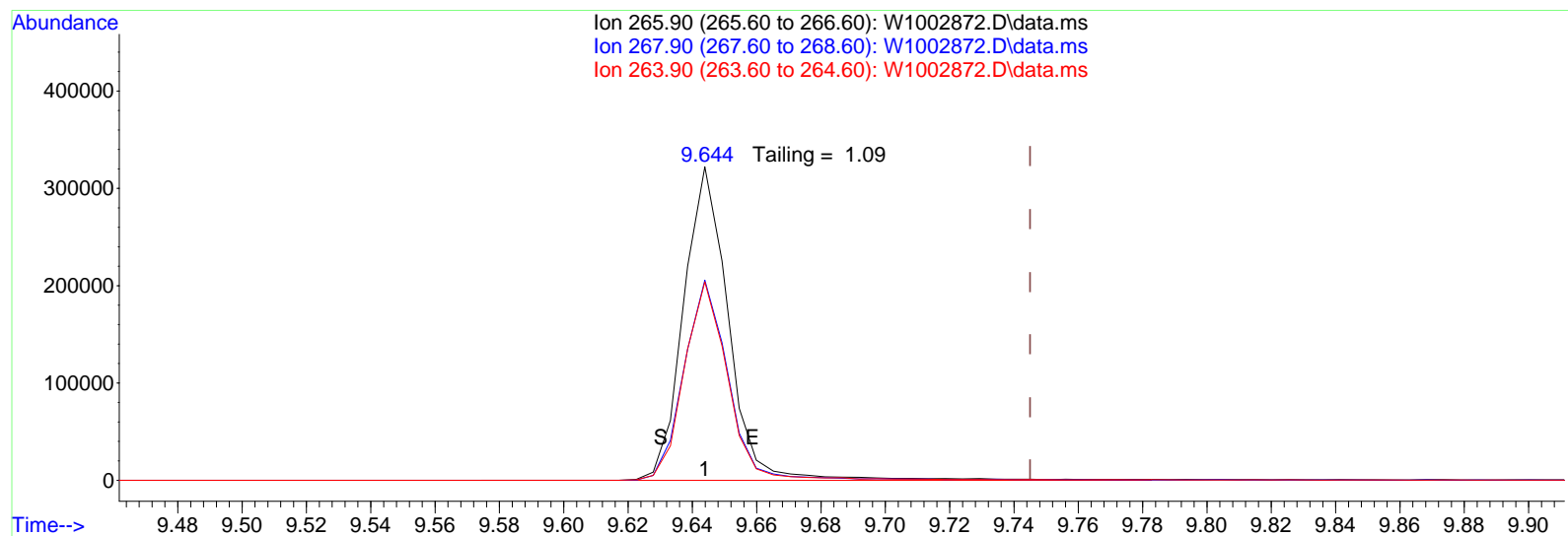
DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
415.05	141	434.10	40	444.10	4210		
416.90	38	434.40	37	444.80	61		
420.00	95	436.80	73	445.10	190		
421.05	1802	437.30	83	445.30	34		
422.10	1923	437.80	52				
423.10	12408	438.45	262				
424.05	3115	439.20	61				
425.05	396	439.70	231				
426.10	39	441.10	35283				
427.10	53	442.10	236523				
431.70	60	443.10	45283				

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002872.D
Acq On : 18 Oct 2010 5:33 pm
Operator : dda
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 25 10:14:04 2010
Quant Method : M:\ms2010\methods\wiley\DFTPP-4-EA.M
Quant Title : DFTPP
QLast Update : Fri Sep 17 17:54:07 2010
Response via : Initial Calibration



(1) Pentachlorophenol

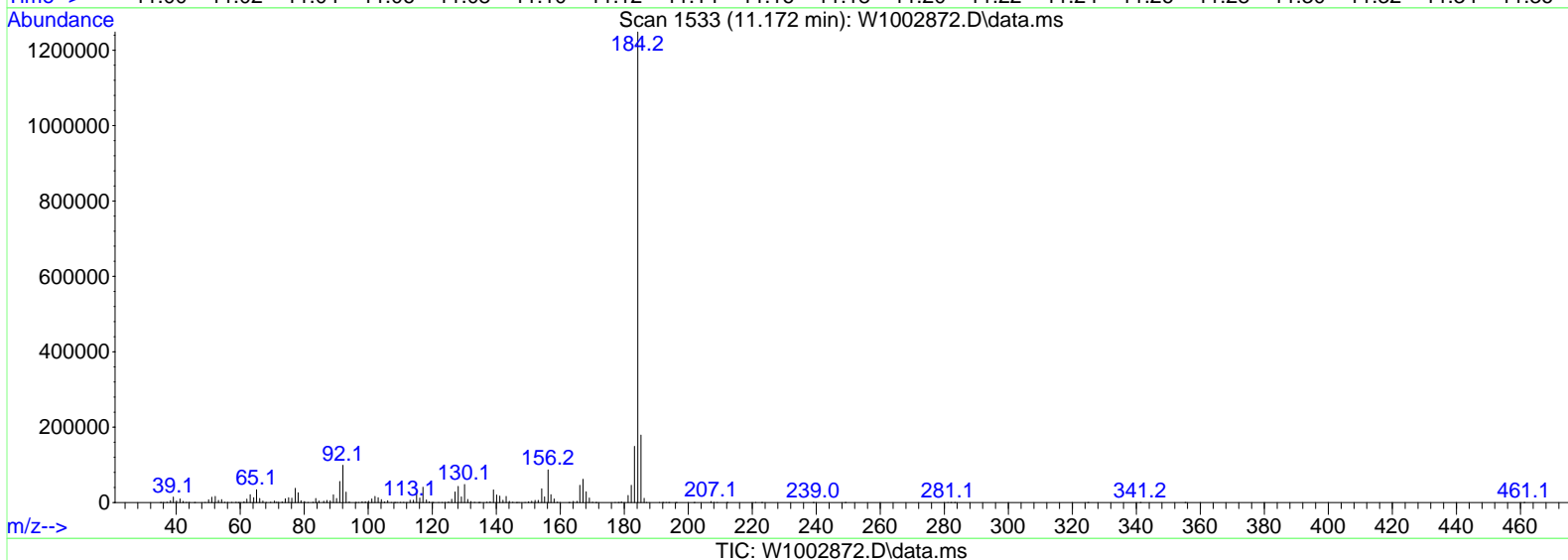
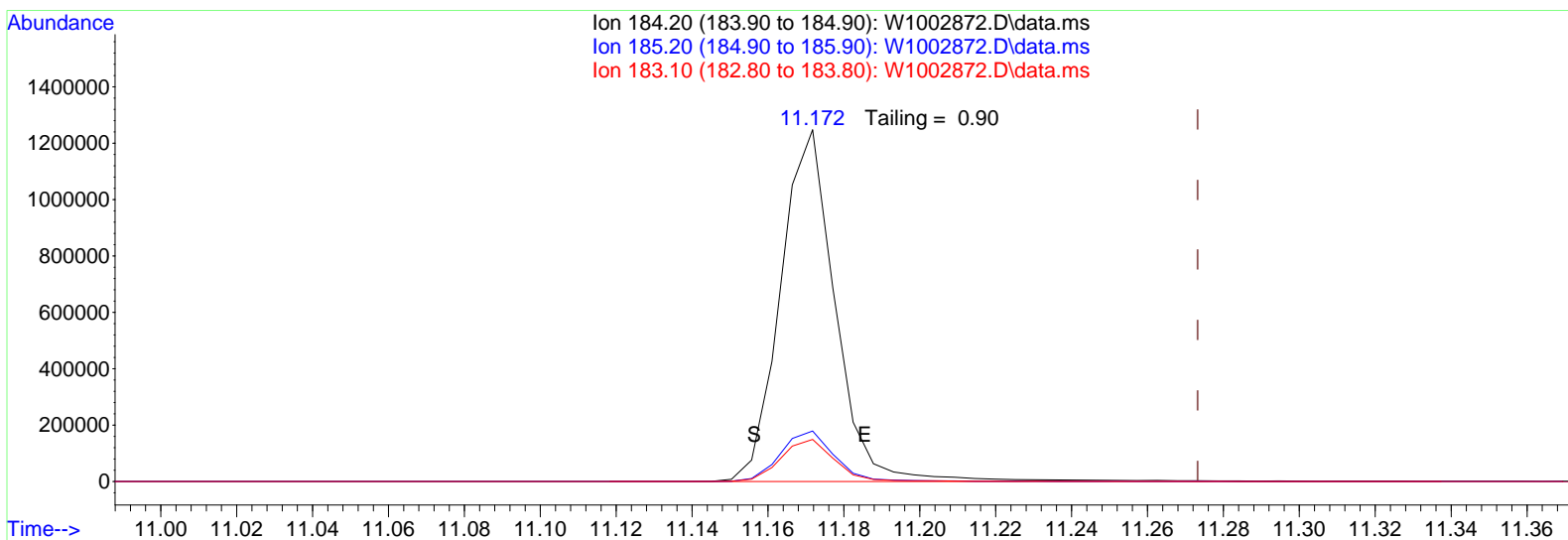
9.644min (-0.101) 51.44 ug/mL

response 314663

Ion	Exp%	Act%
265.90	100	100
267.90	65.10	62.69
263.90	65.90	61.44
0.00	0.00	0.00

Data Path : M:\ms2010Q4\wiley\data\oct10\W101810A\
Data File : W1002872.D
Acq On : 18 Oct 2010 5:33 pm
Operator : dda
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 25 10:14:04 2010
Quant Method : M:\ms2010\methods\wiley\DFTPP-4-EA.M
Quant Title : DFTPP
QLast Update : Fri Sep 17 17:54:07 2010
Response via : Initial Calibration



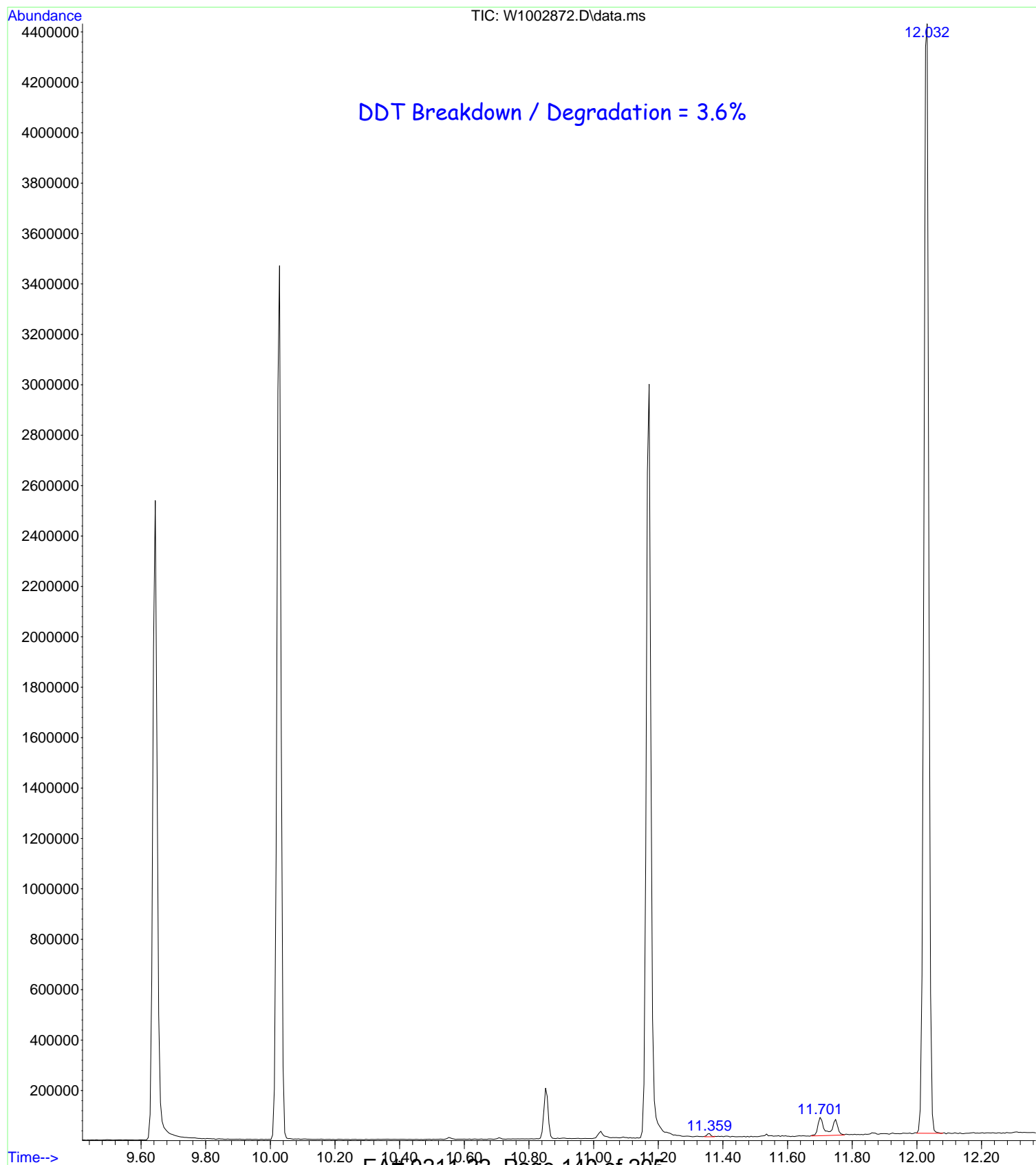
(3) Benzidine

11.172min (-0.101) 48.65 ug/mL

response 1263024

Ion	Exp%	Act%
184.20	100	100
185.20	13.60	14.18
183.10	12.20	11.72
0.00	0.00	0.00

File :M:\ms2010Q4\wiley\data\oct10\W101810A\W1002872.D
Operator : dda
Acquired : 18 Oct 2010 5:33 pm using AcqMethod RXI-2A-EA.M
Instrument : Wiley
Sample Name: DFTPP
Misc Info :
Vial Number: 1

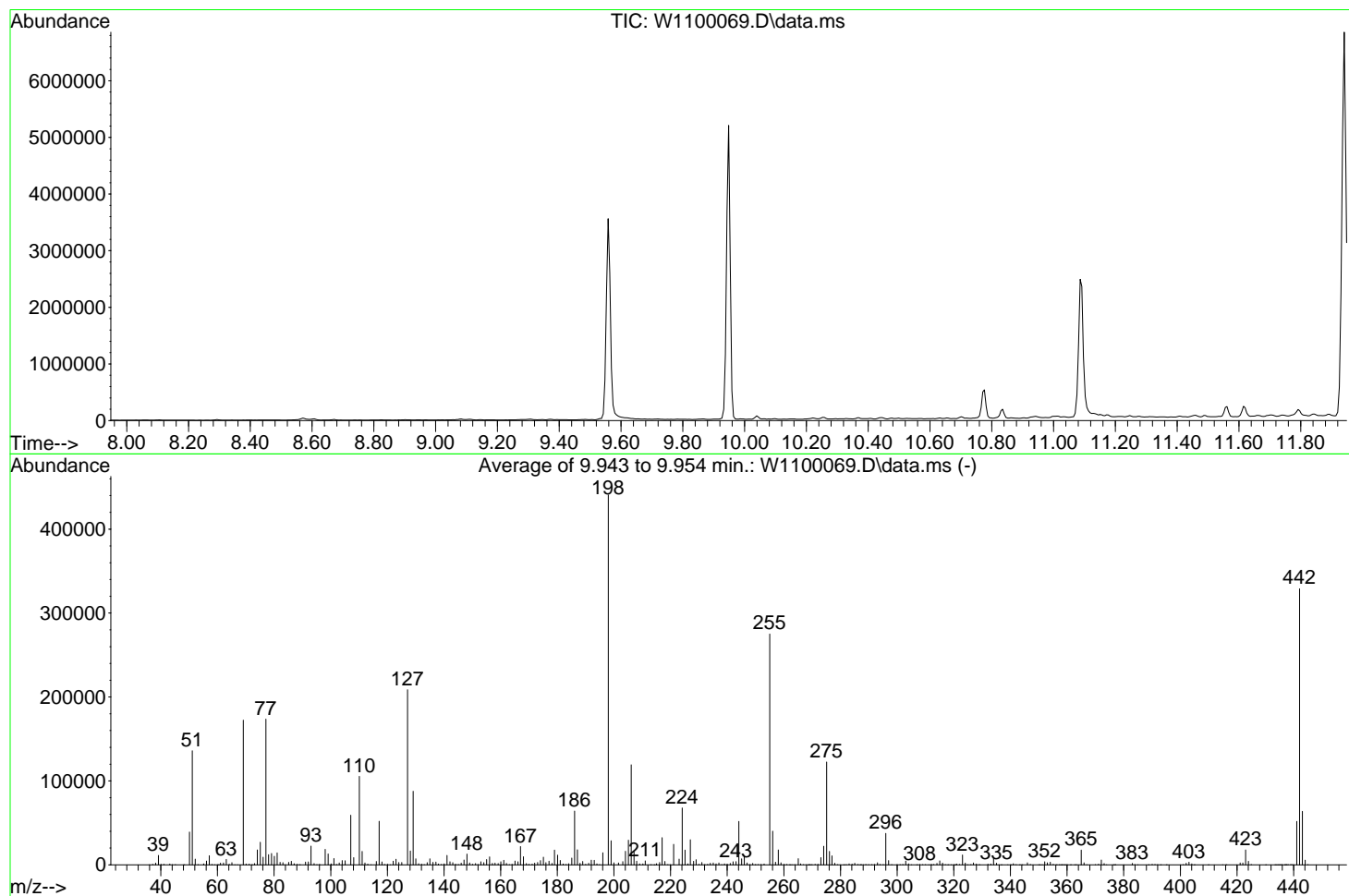


Peak #	Ret Time	Type	Width	Area	Start Time	End Time
1	11.359	rm	0.032	11072	11.343	11.375
2	11.701	rm	0.102	161495	11.674	11.775
3	12.032	rm	0.080	4671955	12.000	12.080

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
 Data File : W1100069.D
 Acq On : 5 Feb 2011 8:31 am
 Operator : tdd
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : M:\ms2011\methods\wiley\W101810X-8270.M
 Title : 8270C - Full List
 Last Update : Wed Oct 20 14:58:44 2010



AutoFind: Scans 1303, 1304, 1305; Background Corrected with Scan 1296

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.9	136047	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.1	172324	PASS
70	69	0.00	2	0.6	982	PASS
127	198	40	60	47.3	208655	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	440747	PASS
199	198	5	9	6.5	28776	PASS
275	198	10	30	27.8	122632	PASS
365	198	1	100	4.0	17645	PASS
441	443	0.01	100	81.2	51827	PASS
442	198	40	100	74.6	329003	PASS
443	442	17	23	19.4	63808	PASS

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	130	51.10	136047	62.10	2230	74.10	17871
37.10	798	52.15	6826	63.10	6513	75.10	26948
38.15	2050	53.15	367	64.15	751	76.10	9167
39.15	11330	55.15	1247	65.10	2716	77.10	173650
40.10	508	56.10	4516	66.15	204	78.05	12194
41.10	666	57.10	10884	67.10	269	79.10	13620
43.20	995	58.05	528	69.10	172324	80.10	10144
44.10	292	59.10	199	70.10	982	81.10	14202
45.15	433	60.00	106	71.20	929	82.10	3058
48.10	40	60.30	48	72.05	77	83.10	2622
50.10	39171	61.10	2033	73.10	1591	83.90	118

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.15	3017	96.05	782	110.10	105424	122.05	4412
86.10	4250	98.05	18479	111.10	15972	123.05	6632
87.10	1329	99.10	13105	112.10	2331	124.05	2860
88.15	697	100.15	1178	113.05	897	125.10	2766
89.00	252	101.10	7577	114.25	98	127.10	208655
89.20	148	102.05	494	116.10	4080	128.10	16624
91.10	3379	103.00	2345	117.10	51941	129.10	87652
92.10	3515	104.05	5055	118.10	3593	130.05	7293
93.05	22417	105.10	4895	119.05	578	131.05	1379
94.10	1557	107.05	59119	120.05	710	132.05	809
95.10	314	108.10	8735	121.05	150	133.00	339

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
134.05	2632	145.05	562	156.10	9537	167.00	21809
135.00	7270	146.05	2187	157.10	1842	168.05	9734
136.10	2915	147.05	5857	158.00	2158	169.10	1581
137.15	3305	148.10	12853	159.10	1533	170.05	759
138.05	980	149.05	2364	160.05	3740	171.10	945
139.05	534	150.10	687	161.10	5490	172.00	2076
140.05	1299	151.15	1662	162.05	1833	173.05	2743
141.05	11335	152.00	552	163.10	399	174.05	5117
142.10	3761	153.00	3677	164.00	631	175.10	9262
143.10	2572	154.05	2617	165.05	4664	176.00	2729
144.10	812	155.05	6440	166.10	3748	177.05	4472

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
178.10	1691	189.00	4073	201.60	2256	213.20	190
179.00	17689	190.00	774	203.10	3907	214.20	88
180.10	11684	191.05	1996	204.05	16228	215.00	1401
181.05	5327	192.00	5580	205.10	29411	216.10	2909
182.10	1103	193.05	5555	206.10	119179	217.00	32410
183.15	544	194.00	1178	207.10	15387	218.00	4105
184.00	1395	194.90	359	208.05	4397	219.05	446
185.10	8159	196.05	14468	209.05	1162	219.90	149
186.10	64189	198.00	440747	210.20	1282	221.10	24459
187.10	17888	199.00	28776	211.05	4809	223.00	6914
188.05	1925	200.00	2452	213.00	164	224.10	67843

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
225.10	17620	236.05	1243	246.05	11234	256.05	40120
226.10	1220	237.05	2286	247.00	2225	257.05	3159
227.00	29957	238.05	321	247.85	391	258.05	17827
228.10	4174	239.05	1248	248.10	159	259.00	2451
229.00	6125	239.90	336	249.00	1771	259.90	77
230.05	763	240.05	631	249.90	126	260.00	146
231.05	2769	241.05	1839	250.05	410	260.15	266
232.10	498	242.05	3736	251.00	564	261.05	454
233.10	748	243.10	3885	252.00	544	262.00	141
234.05	1960	244.10	51743	253.05	1140	262.20	58
235.05	2267	245.10	7307	255.00	275157	263.10	102

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
263.90	370	272.05	741	284.10	874	294.00	600
265.10	7377	273.05	8574	285.05	1905	295.10	291
265.90	1229	274.05	22251	286.15	460	296.00	37440
266.95	307	275.10	122632	286.90	39	297.00	5101
267.90	255	276.10	15980	287.20	33	298.05	361
268.50	35	277.00	10813	288.05	136	299.80	36
268.90	88	278.00	1869	288.95	518	301.05	443
269.10	77	279.00	410	289.95	436	302.00	587
269.80	225	281.10	50	291.10	281	303.05	4524
270.00	240	282.05	341	292.00	516	304.05	1203
271.05	672	283.05	1188	293.05	2461	305.05	200

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
306.90	36	317.05	361	326.95	2275	340.00	87
308.00	524	317.90	49	328.00	1110	341.05	1437
309.05	344	319.10	101	329.00	210	342.05	413
310.05	380	319.95	147	329.20	97	343.20	36
311.20	203	320.40	77	332.05	803	344.00	35
311.80	34	321.00	1070	333.05	1067	346.00	2442
312.00	64	322.05	488	334.05	7686	347.05	580
312.95	484	323.10	11769	335.10	1987	349.95	112
314.05	1852	324.05	2083	335.95	193	350.20	45
315.05	4722	324.95	222	336.70	41	351.20	230
316.05	2138	326.05	307	339.10	173	352.10	3775

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
353.05	2474	362.70	33	376.80	51	401.05	283
354.10	3263	363.40	96	377.20	108	402.05	1858
355.15	718	365.00	17645	383.05	1716	403.05	3100
356.20	42	366.00	2511	383.95	416	404.05	1169
357.15	89	367.00	99	385.00	118	404.90	43
357.90	64	370.00	390	388.70	34	409.85	82
358.20	35	371.10	864	390.05	666	414.95	182
359.00	217	372.10	5827	391.05	474	416.10	34
359.20	66	373.10	1506	392.00	337	421.10	2217
359.90	57	374.00	120	393.00	44	422.05	2337
361.20	35	376.30	56	395.00	43	423.05	17850

Average of 9.943 to 9.954 min.: W1100069.D\data.ms

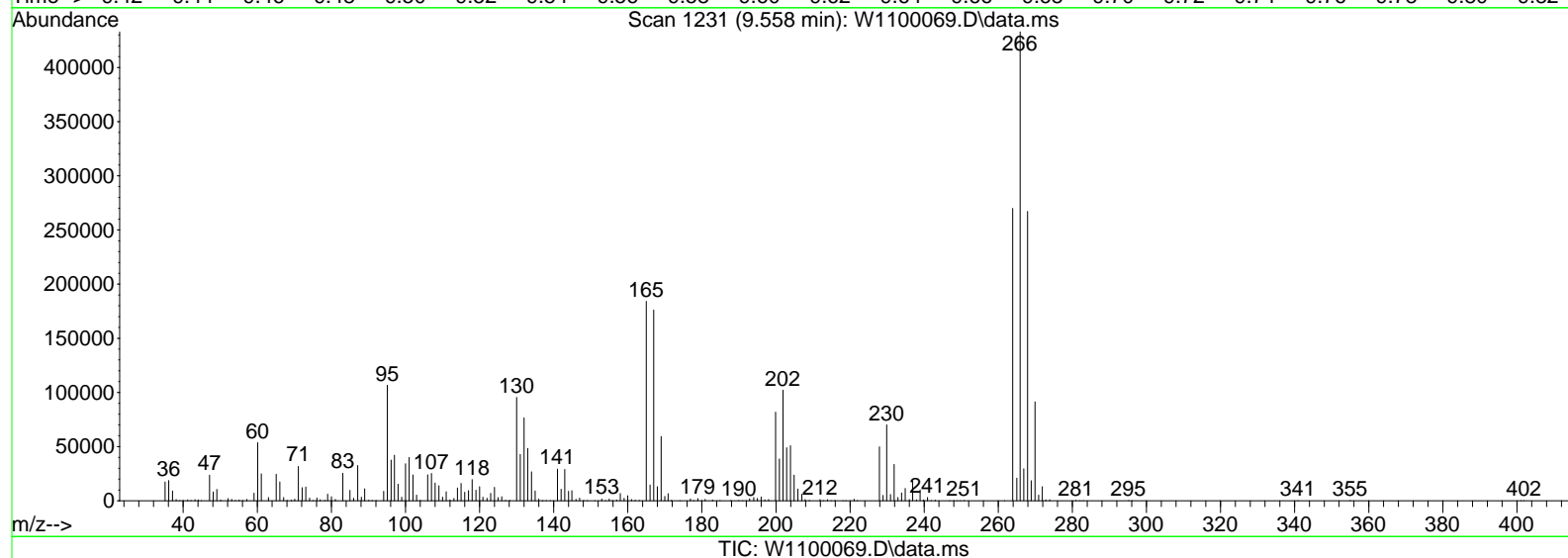
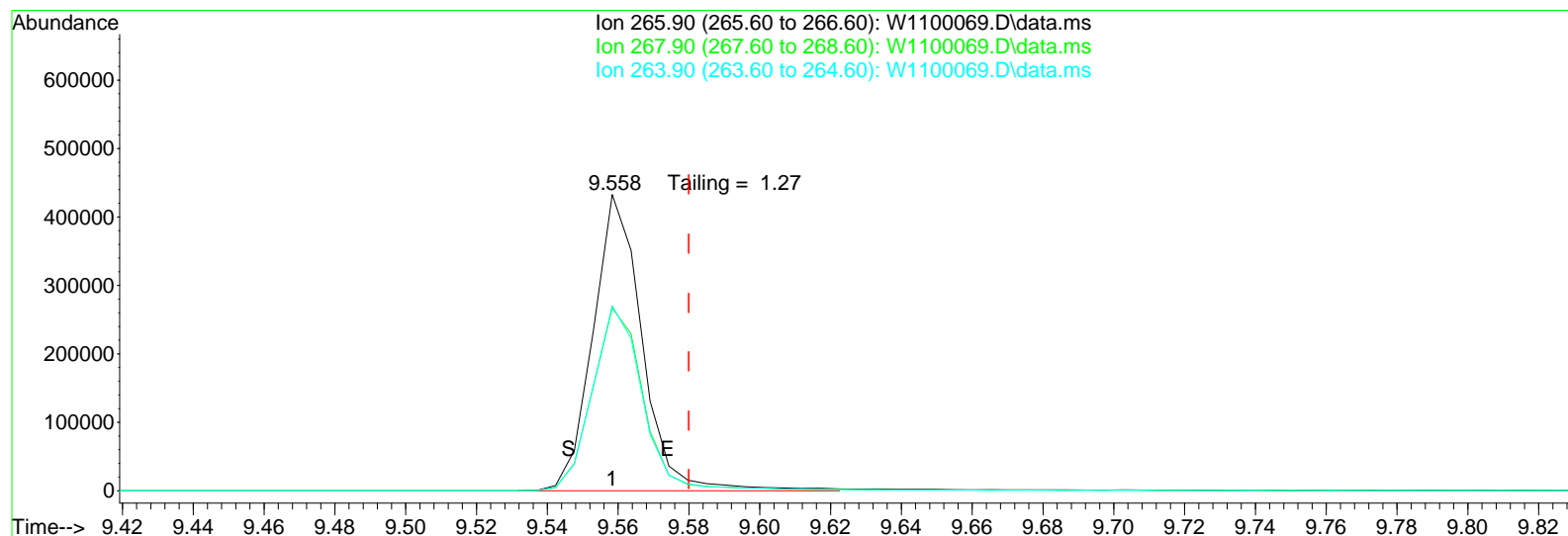
DFTPP

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
424.05	4221	437.40	69				
425.05	509	437.60	99				
430.10	38	438.10	278				
433.40	45	438.95	361				
433.90	69	439.35	376				
434.50	49	439.80	143				
434.95	89	441.10	51827				
435.40	45	442.10	329003				
435.90	60	443.10	63808				
436.75	74	444.10	5655				
437.00	52	445.05	319				

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100069.D
Acq On : 5 Feb 2011 8:31 am
Operator : tdd
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 10:35:29 2011
Quant Method : M:\ms2011\methods\wiley\DFTPP-4-EA.M
Quant Title : DFTPP
QLast Update : Thu Dec 30 11:51:21 2010
Response via : Initial Calibration



(1) Pentachlorophenol

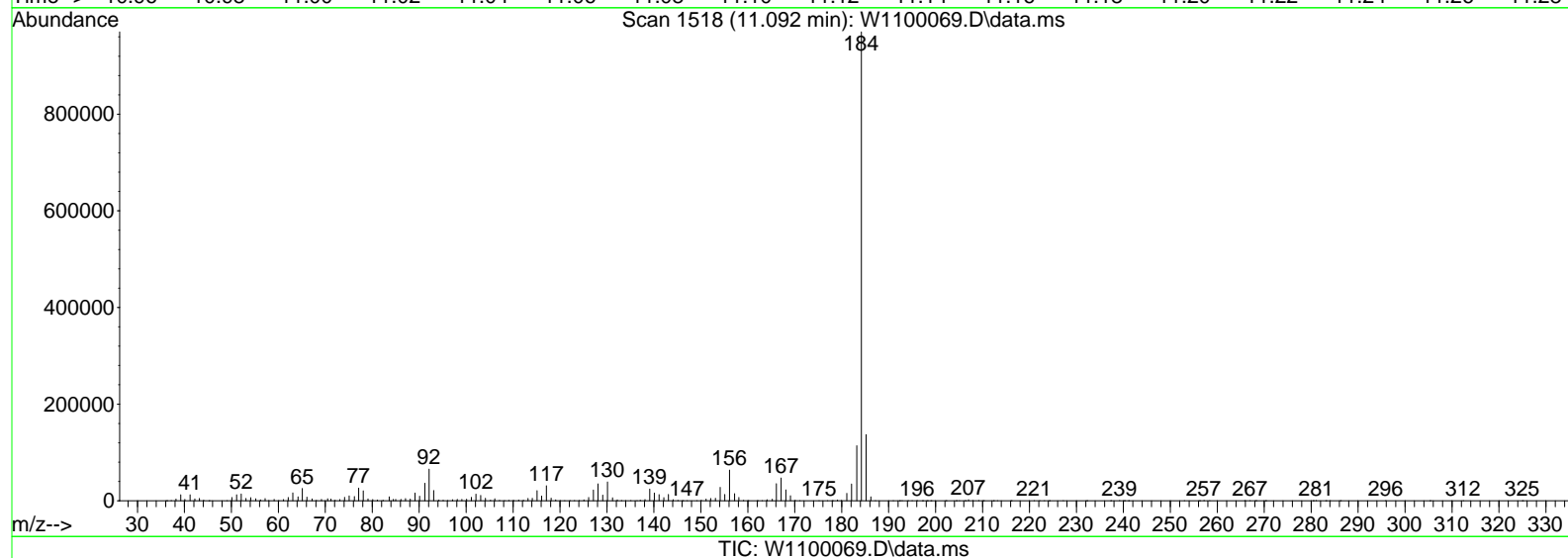
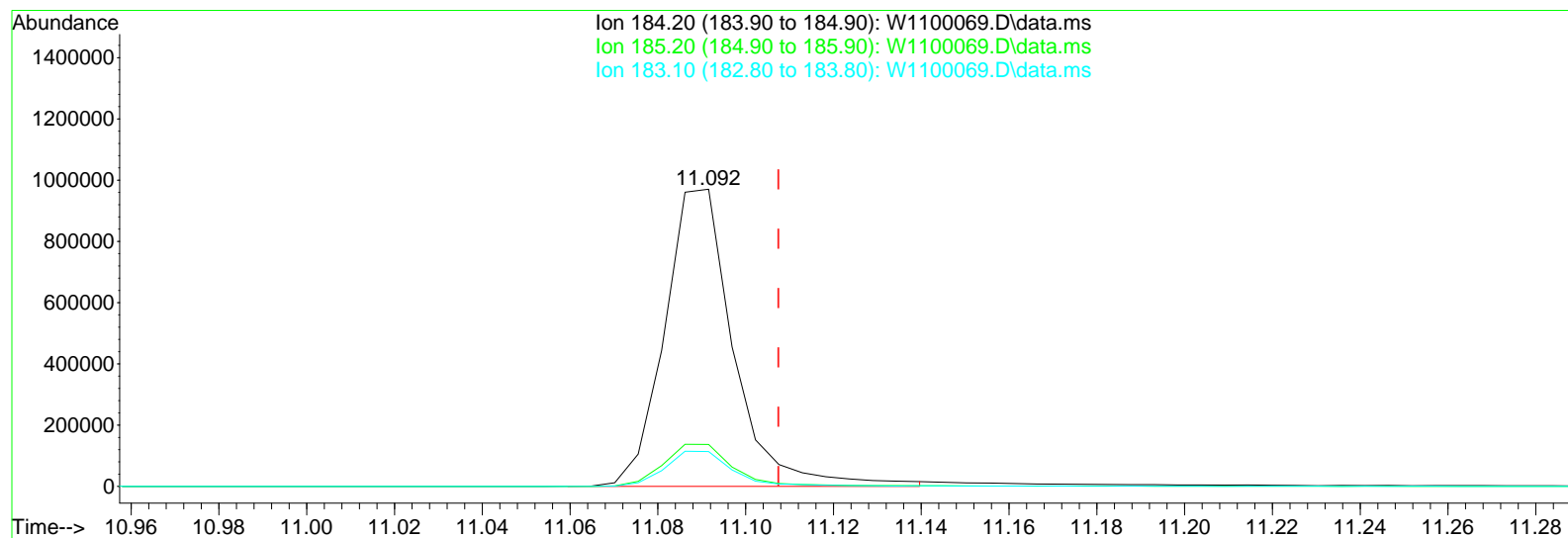
9.558min (-0.022) 84.31 ug/mL

response 426221

Ion	Exp%	Act%
265.90	100	100
267.90	65.10	63.95
263.90	65.90	63.70
0.00	0.00	0.00

Data Path : M:\ms2011q1\wiley\data\feb11\W020411A\
Data File : W1100069.D
Acq On : 5 Feb 2011 8:31 am
Operator : tdd
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 10:35:29 2011
Quant Method : M:\ms2011\methods\wiley\DFTPP-4-EA.M
Quant Title : DFTPP
QLast Update : Thu Dec 30 11:51:21 2010
Response via : Initial Calibration



TIC: W1100069.D\data.ms

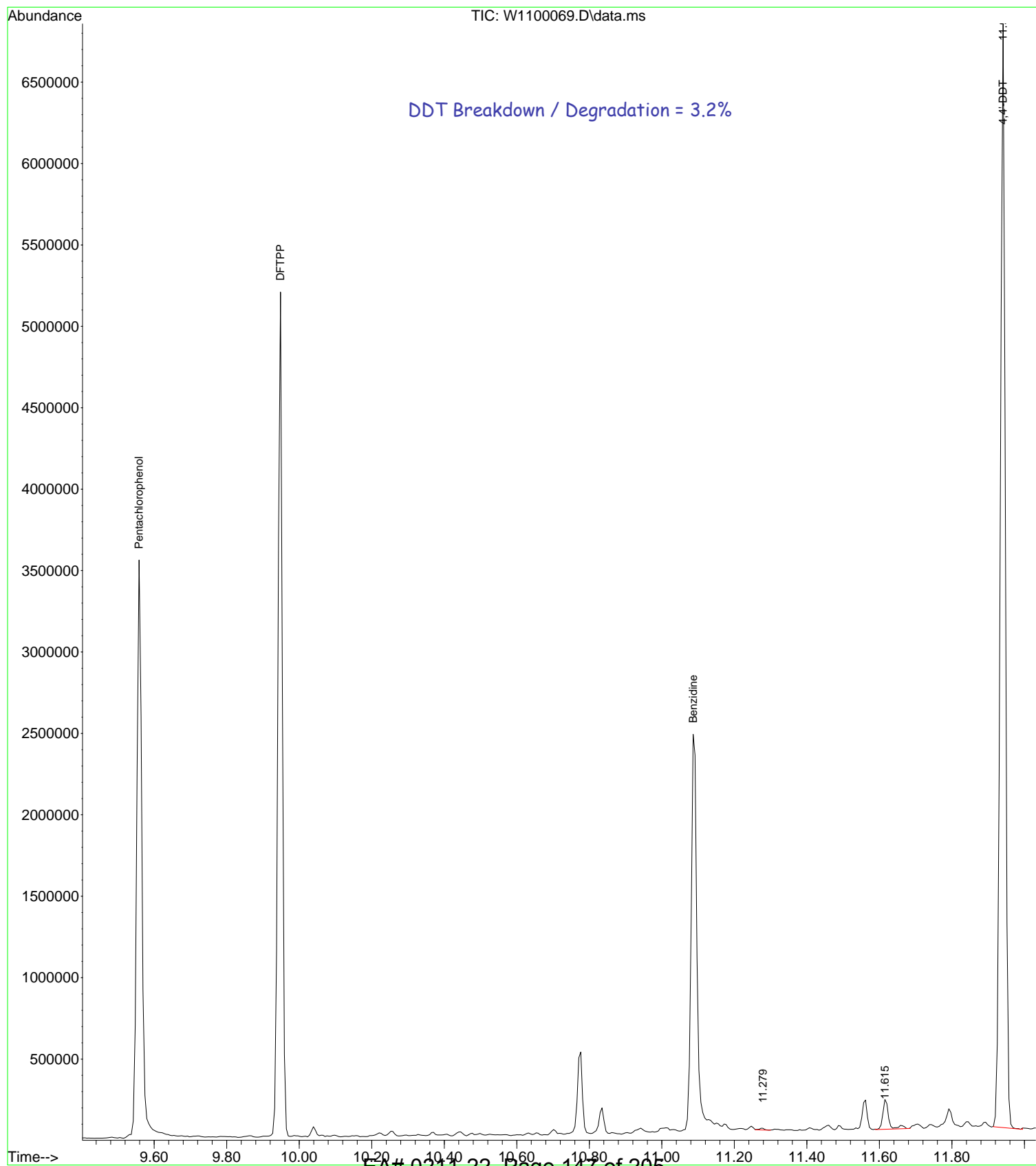
(3) Benzidine

11.092min (-0.016) 65.50 ug/mL m

response 1065860

Ion	Exp%	Act%
184.20	100	100
185.20	13.60	14.82
183.10	12.20	11.68
0.00	0.00	0.00

File :M:\ms2011q1\wiley\data\feb11\W020411A\W1100069.D
Operator : tdd
Acquired : 5 Feb 2011 8:31 am using AcqMethod RXI-2A-EA.M
Instrument : Wiley
Sample Name: DFTPP
Misc Info :
Vial Number: 1



Peak #	Ret Time	Type	Width	Area	Start Time	End Time
1	11.279	rm	0.043	9974	11.257	11.300
2	11.615	rm	0.096	205722	11.588	11.685
3	11.941	rm	0.080	6542151	11.914	11.994

Sequence Name: M:\ms2010q4\wiley\sequence\w101810a

Operator: ede

Datapath: C:\ms2010q4\wiley\data\oct10\w101810a

Line	Type	Vial	DataFile	Method	Sample Name	Additional Info	Comments
1	DFTPP	1	W1002863	RXI-2A-EA	DFTPP		
2	DFTPP	1	W1002864	RXI-2A-EA	DFTPP		
3	DFTPP	1	W1002865	RXI-2A-EA	DFTPP		
4	Calibration	2	W1002866	RXI-2A-EA	SSTD005-SCAN	gcmsprep2pg30	
5	Sample	4	W1002867	RXI-2A-EA	High Conc Mega Mix		
6	Blank	5	W1002868	RXI-2A-EA	CH2Cl2 System Blank		
7	Calibration	2	W1002869	RXI-2A-EA	SSTD005-SCAN	gcmsprep2pg30	
8	Calibration	2	W1002870	RXI-2A-EA	SSTD005-SCAN	gcmsprep2pg30	
9	Calibration	2	W1002871	RXI-2A-EA	SSTD005-SCAN	gcmsprep2pg30	
10	DFTPP	1	W1002872	RXI-2A-EA	DFTPP		
11	Calibration	6	W1002873	RXI-2A-EA	SSTD005-SCAN	gcmsprep2pg30	
12	Calibration	7	W1002874	RXI-2A-EA	SSTD010-SCAN	gcmsprep2pg30	
13	Calibration	8	W1002875	RXI-2A-EA	SSTD020-SCAN	gcmsprep2pg30	
14	Calibration	9	W1002876	RXI-2A-EA	SSTD050-SCAN	gcmsprep2pg30	
15	Calibration	10	W1002877	RXI-2A-EA	SSTD080-SCAN	gcmsprep2pg30	
16	Calibration	11	W1002878	RXI-2A-EA	SSTD120-SCAN	gcmsprep2pg30	
17	Calibration	12	W1002879	RXI-2A-EA	SSTD160-SCAN	gcmsprep2pg30	
18	Calibration	13	W1002880	RXI-2A-EA	SSTD050-SCAN (ICV)	gcmsprep2pg14	
19	Blank	2	W1002881	RXI-2A-EA	CH2Cl2 System Blank		
20	Sample	16	W1002882	RXI-2A-EA	IDOC EDE "A"	QA-BS-1pg72 M8270-BS "A"	
21	Sample	17	W1002883	RXI-2A-EA	IDOC EDE "B"	QA-BS-1pg72 M8270-BS "B"	
22	Sample	18	W1002884	RXI-2A-EA	IDOC EDE "C"	QA-BS-1pg72 M8270-BS "C"	
23	Sample	19	W1002885	RXI-2A-EA	IDOC EDE "D"	QA-BS-1pg72 M8270-BS "D"	

Sequence Name: M:\ms2011q1\wiley\sequence\w020411a

Operator: tdd

Datapath: C:\ms2011q1\wiley\data\feb11\w020411a

Line	Type	Vial	DataFile	Method	Sample Name	Additional Info	Comments
1	DFTPP	1	W1100066	RXI-2A-EA	DFTPP		
2	DFTPP	1	W1100067	RXI-2A-EA	DFTPP		
3	DFTPP	1	W1100068	RXI-2A-EA	DFTPP		
4	DFTPP	1	W1100069	RXI-2A-EA	DFTPP		inj @ 8:31am 2/5
5	Calibration	2	W1100070	RXI-2A-EA	SSTD050 M8270		
6	Blank	3	W1100071	RXI-2A-EA	CH2Cl2 System Blank		
7	Blank	4	W1100072	RXI-2A-EA	Hexanes Blank	Lot #E39E26	
8	Sample	5	W1100073	RXI-2A-EA	0111-88 MB		
9	Sample	6	W1100074	RXI-2A-EA	0111-88 XAD-2 Sample Blk		
10	Sample	7	W1100075	RXI-2A-EA	0211-22 MB-2	Hexane Desorb Solvent	
11	Sample	8	W1100076	RXI-2A-EA	0211-22 AH01-WAR	Hexane Desorb Solvent	
12	Sample	9	W1100077	RXI-2AEA-HOLD	0211-22 AH02-WAR	Hexane Desorb Solvent	
13	Sample	10	W1100078	RXI-2AEA-HOLD	0211-22 AH03-WAR	Hexane Desorb Solvent	
14	Sample	11	W1100079	RXI-2AEA-HOLD	0211-22 AH04-WAR	Hexane Desorb Solvent	Bad injection - rerun
15	Sample	12	W1100080	RXI-2AEA-HOLD	0211-22 AH04-WAR LD	Hexane Desorb Solvent	
16	Sample	13	W1100081	RXI-2A-EA	0111-88 Outlet R1 FH		
17	Sample	14	W1100082	RXI-2A-EA	0111-88 Outlet R1 BH		
18	Sample	15	W1100083	RXI-2A-EA	0111-88 Outlet R2		
19	Sample	16	W1100084	RXI-2A-EA	0111-88 Outlet R3		
20	Sample	17	W1100085	RXI-2A-EA	0111-88 Outlet R4		
21	Sample	18	W1100086	RXI-2A-EA	0111-88 Outlet R5		
22	Sample	19	W1100087	RXI-2A-EA	0111-88 Outlet R6		
23	Sample	28	W1100088	RXI-2A-EA	0211-22 XAD-2 SPK @ 50ug	(50uL Mega Mix Spike, desorb w/ 5mLs Hexane)	
24	Sample	20	W1100089	RXI-2A-EA	0111-88 Inlet R1 FH		
25	Sample	21	W1100090	RXI-2A-EA	0111-88 Inlet R1 FH LD		
26	DFTPP	1	W1100091	RXI-2A-EA	DFTPP		inj @ 8:51pm 2/5
27	Calibration	2	W1100092	RXI-2A-EA	SSTD050 M8270		
28	Blank	3	W1100093	RXI-2A-EA	CH2Cl2 System Blank		
29	Sample	21	W1100094	RXI-2A-EA	0111-88 Inlet R1 FH LD		
30	Sample	22	W1100095	RXI-2A-EA	0111-88 Inlet R1 BH		
31	Sample	23	W1100096	RXI-2A-EA	0111-88 Inlet R2		
32	Sample	24	W1100097	RXI-2A-EA	0111-88 Inlet R3		
33	Sample	25	W1100098	RXI-2A-EA	0111-88 Inlet R4		
34	Sample	26	W1100099	RXI-2A-EA	0111-88 Inlet R5		
35	Sample	27	W1100100	RXI-2A-EA	0111-88 Inlet R6		
36							

M:\MS2010\METHODS\WILEY-EA\RXI-2A-EA.M
Thu Jun 10 12:52:48 2010

Control Information

Sample Inlet : GC
Injection Source : GC ALS
Mass Spectrometer : Enabled

=====

6890 GC METHOD

OVEN

Initial temp: 35 'C (On) Maximum temp: 450 'C
Initial time: 0.50 min Equilibration time: 0.20 min
Ramps:
Rate Final temp Final time
1 25.00 310 0.00
2 4.00 330 2.00
3 0.0 (Off)
Post temp: 0 'C
Post time: 0.00 min
Run time: 18.50 min

FRONT INLET (SPLIT/SPLITLESS)

Mode: Pulsed Splitless
Initial temp: 250 'C (On)
Pressure: 7.91 psi (On)
Pulse pressure: 30.0 psi
Pulse time: 0.40 min
Purge flow: 50.0 mL/min
Purge time: 0.30 min
Total flow: 54.0 mL/min
Gas saver: On
Saver flow: 20.0 mL/min
Saver time: 1.00 min
Gas type: Helium

BACK INLET (SPLIT/SPLITLESS)

Mode: Split
Initial temp: 50 'C (Off)
Pressure: 11.25 psi (On)
Split ratio: 50:1
Split flow: 43.6 mL/min
Total flow: 51.9 mL/min
Gas saver: On
Saver flow: 20.0 mL/min
Saver time: 2.00 min
Gas type: Hydrogen

COLUMN 1

Capillary Column
Model Number: Restek 13638
Rxi-5Sil MS, 30m x 0.25mm x 0.5µm
Max temperature: 350 'C
Nominal length: 30.0 m
Nominal diameter: 250.00 µm
Nominal film thickness: 0.50 µm
Mode: constant flow
Initial flow: 1.1 mL/min
Nominal init pressure: 7.92 psi
Average velocity: 38 cm/sec
Inlet: Front Inlet
Outlet: MSD
Outlet pressure: vacuum

COLUMN 2

Capillary Column
Model Number: Restek 40111
Rtx-1 20m x 0.18mm x 0.4µm
Max temperature: 340 'C
Nominal length: 20.0 m
Nominal diameter: 180.00 µm
Nominal film thickness: 0.40 µm
Mode: constant flow
Initial flow: 0.9 mL/min
Nominal init pressure: 11.25 psi
Average velocity: 42 cm/sec
Inlet: Back Inlet
Outlet: Back Detector
Outlet pressure: ambient

FRONT DETECTOR (NO DET)

BACK DETECTOR (FID)

Temperature: 250 'C (On)
Hydrogen flow: 40.0 mL/min (Off)
Air flow: 450.0 mL/min (Off)
Mode: Constant makeup flow
Makeup flow: 45.0 mL/min (Off)
Makeup Gas Type: Nitrogen
Flame: Off
Electrometer: On
Lit offset: 2.0

SIGNAL 1
Data rate: 50 Hz
Type: mux'ed adc offset
Save Data: Off
Zero: 0.0 (Off)
Range: 0
Fast Peaks: Off
Attenuation: 0

SIGNAL 2
Data rate: 50 Hz
Type: mux'ed adc offset
Save Data: Off
Zero: 0.0 (Off)
Range: 0
Fast Peaks: Off
Attenuation: 0

COLUMN COMP 1
Derive from back detector

COLUMN COMP 2
Derive from back detector

THERMAL AUX 2
Use: MSD Transfer Line Heater
Description:
Initial temp: 280 'C (On)
Initial time: 0.00 min
Rate Final temp Final time
1 0.0 (Off)

POST RUN
Post Time: 0.00 min

TIME TABLE
Time Specifier Parameter & Setpoint

GC Injector

Front Injector:
Sample Washes 1
Sample Pumps 3
Injection Volume 0.20 microliters
Syringe Size 10.0 microliters
PreInj Solvent A Washes 0
PreInj Solvent B Washes 0
PostInj Solvent A Washes 5
PostInj Solvent B Washes 5
Viscosity Delay 2 seconds
Plunger Speed Fast
PreInjection Dwell 0.00 minutes
PostInjection Dwell 0.00 minutes
Sampling Depth 2.0 mm

Back Injector:
No parameters specified

Column 1 Inventory Number : 13638
Column 2 Inventory Number : 40111

MS ACQUISITION PARAMETERS

General Information -----

Tune File : dftpp060710d.u
Acquisition Mode : Scan

MS Information ---

Solvent Delay : 2.90 min
EMV Mode : Gain Factor
Gain Factor : 1.00
Resulting EM Voltage : 1588

[Scan Parameters]

Low Mass : 35.0
High Mass : 500.0
Threshold : 100
Sample # : 2 A/D Samples 4

[MSZones]

MS Source : 230 C maximum 250 C
MS Quad : 150 C maximum 200 C

END OF MS ACQUISITION PARAMETERS

TUNE PARAMETERS for SN: US21844806

Trace Ion Detection is OFF.

EMISSION : 34.610
ENERGY : 69.922
REPELLER : 34.814
IONFOCUS : 90.157
ENTRANCE LE : 0.000
EMVOLTS : 1541.176

Actual EMV : 1588.23
GAIN FACTOR : 1.02

AMUGAIN : 2060.000
AMUOFFSET : 132.000
FILAMENT : 1.000
DCPOLARITY : 0.000
ENTLENSOFFS : 12.800@ 3 12.800@ 50 16.314@ 69 16.816@131 20.831@219 14.306@414
14.306@502 14.306@799
MASSGAIN : 69.000
MASSOFFSET : -10.000

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

M:\MS2011\METHODS\WILEY\RXI-2AEA-HOLD.M

Mon Feb 07 16:26:39 2011

Control Information

Sample Inlet : GC
Injection Source : GC ALS
Mass Spectrometer : Enabled

=====

6890 GC METHOD

=====

OVEN

Initial temp: 35 'C (On) Maximum temp: 340 'C
Initial time: 0.50 min Equilibration time: 0.20 min
Ramps:
Rate Final temp Final time
1 25.00 310 0.00
2 4.00 330 15.50
3 0.0 (Off)
Post temp: 0 'C
Post time: 0.00 min
Run time: 32.00 min

FRONT INLET (SPLIT/SPLITLESS)

Mode: Pulsed Splitless
Initial temp: 250 'C (On)
Pressure: 7.88 psi (On)
Pulse pressure: 30.0 psi
Pulse time: 0.40 min
Purge flow: 50.0 mL/min
Purge time: 0.30 min
Total flow: 54.0 mL/min
Gas saver: On
Saver flow: 20.0 mL/min
Saver time: 1.00 min
Gas type: Helium

BACK INLET (SPLIT/SPLITLESS)

Mode: Split
Initial temp: 50 'C (On)
Pressure: 10.74 psi (On)
Split ratio: 50:1
Split flow: 41.1 mL/min
Total flow: 49.4 mL/min
Gas saver: Off
Gas type: Hydrogen

COLUMN 1

Capillary Column
Model Number: Restek 13638
Rxi-5Sil MS, 30m x 0.25mm x 0.5um
Max temperature: 350 'C
Nominal length: 30.0 m
Nominal diameter: 250.00 um
Nominal film thickness: 0.50 um
Mode: constant flow
Initial flow: 1.1 mL/min
Nominal init pressure: 7.88 psi
Average velocity: 38 cm/sec
Inlet: Front Inlet
Outlet: MSD
Outlet pressure: vacuum

COLUMN 2

Capillary Column
Model Number: Restek 40111
RTX-1, 20m x 0.18mm x 0.4um
Max temperature: 330 'C
Nominal length: 20.0 m
Nominal diameter: 180.00 um
Nominal film thickness: 0.40 um
Mode: constant pressure
Pressure: 10.74 psi
Nominal initial flow: 0.8 mL/min
Average velocity: 40 cm/sec
Inlet: Back Inlet
Outlet: Back Detector
Outlet pressure: ambient

FRONT DETECTOR (NO DET)

BACK DETECTOR (FID)

Temperature: 250 'C (On)
Hydrogen flow: 40.0 mL/min (Off)
Air flow: 450.0 mL/min (Off)
Mode: Constant makeup flow
Makeup flow: 45.0 mL/min (On)
Makeup Gas Type: Nitrogen
Flame: Off
Electrometer: On
Lit offset: 2.0

SIGNAL 1
Data rate: 50 Hz
Type: back detector
Save Data: Off
Zero: 0.0 (Off)
Range: 0
Fast Peaks: Off
Attenuation: 0

SIGNAL 2
Data rate: 50 Hz
Type: back detector
Save Data: Off
Zero: 0.0 (Off)
Range: 0
Fast Peaks: Off
Attenuation: 0

COLUMN COMP 1
Derive from back detector

COLUMN COMP 2
Derive from back detector

THERMAL AUX 2
Use: MSD Transfer Line Heater
Description:
Initial temp: 280 'C (On)
Initial time: 0.00 min
Rate Final temp Final time
1 0.0 (Off)

POST RUN
Post Time: 0.00 min

TIME TABLE
Time Specifier Parameter & Setpoint

GC Injector

Front Injector:
Sample Washes 1
Sample Pumps 3
Injection Volume 0.20 microliters
Syringe Size 10.0 microliters
PreInj Solvent A Washes 0
PreInj Solvent B Washes 0
PostInj Solvent A Washes 5
PostInj Solvent B Washes 5
Viscosity Delay 2 seconds
Plunger Speed Fast
PreInjection Dwell 0.00 minutes
PostInjection Dwell 0.00 minutes
Sampling Depth 2.0 mm

Back Injector:
No parameters specified

Column 1 Inventory Number : 13638
Column 2 Inventory Number : 40111

MS ACQUISITION PARAMETERS

General Information

Tune File : dftpp101210a.u
Acquisition Mode : Scan

MS Information

Solvent Delay : 2.90 min
EMV Mode : Gain Factor
Gain Factor : 1.40
Resulting EM Voltage : 1671

[Scan Parameters]

Low Mass : 35.0
High Mass : 500.0
Threshold : 100
Sample # : 2 A/D Samples 4

[MSZones]

MS Source : 230 C maximum 250 C
MS Quad : 150 C maximum 200 C

END OF MS ACQUISITION PARAMETERS

TUNE PARAMETERS for SN: US21844806

Trace Ion Detection is OFF.

EMISSION : 34.610
ENERGY : 69.922
REPELLER : 32.803
IONFOCUS : 89.208
ENTRANCE LE : 0.000
EMVOLTS : 1670.588

Actual EMV : 1670.59
GAIN FACTOR : 1.38

AMUGAIN : 2058.000
AMUOFFSET : 134.000
FILAMENT : 1.000
DCPOLARITY : 0.000
ENTLENSOFFS : 14.557@ 3 14.960@ 50 16.670@ 69 18.322@131 20.078@219 17.318@414
18.322@502 18.322@799
MASSGAIN : 61.000
MASSOFFSET : -10.000

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

Sample Chromatograms

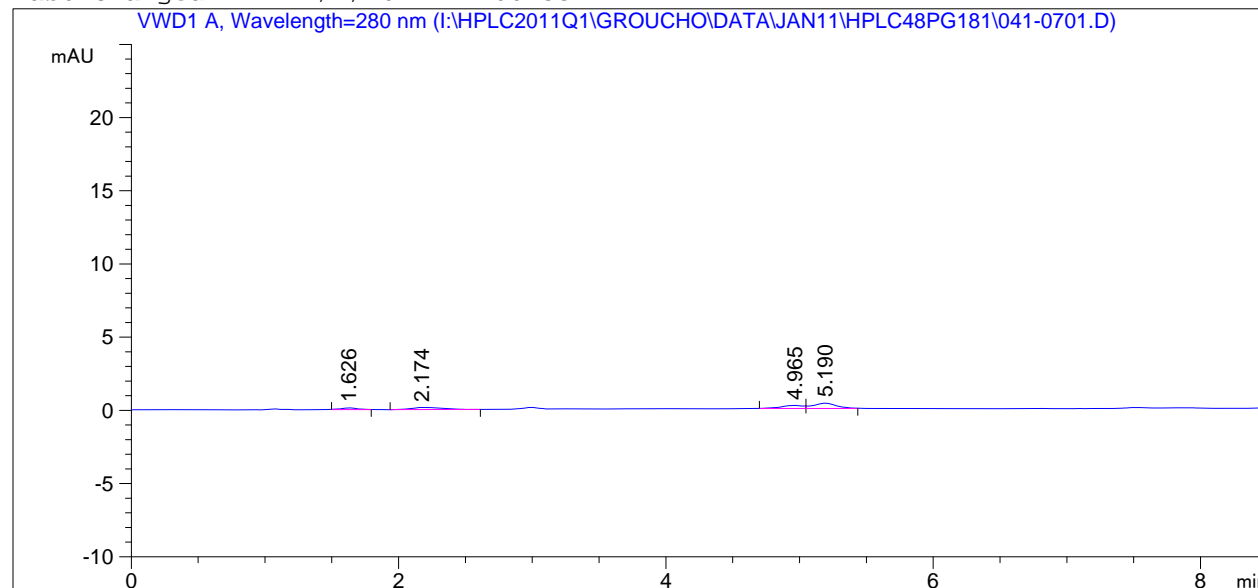


```

=====
Acq. Operator   : KHB                      Seq. Line :    7
Acq. Instrument : Groucho                  Location  : Vial 41
Injection Date  : 2/7/2011 12:37:56 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

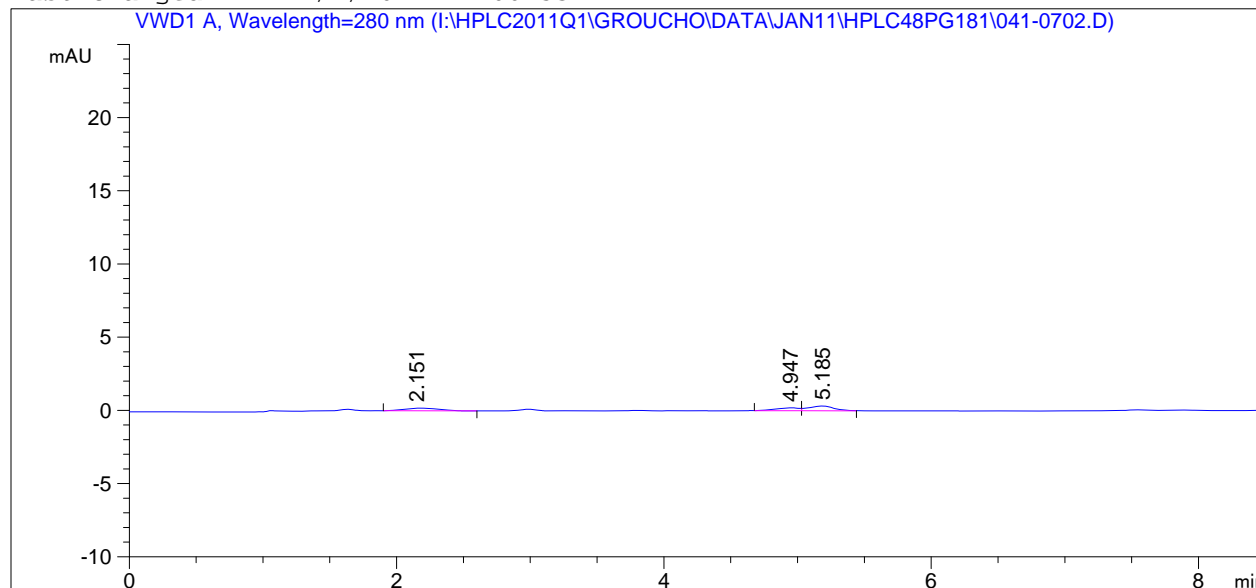
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

```
=====
Acq. Operator   : KHB                      Seq. Line :    7
Acq. Instrument : Groucho                  Location  : Vial 41
Injection Date  : 2/7/2011 12:47:50 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

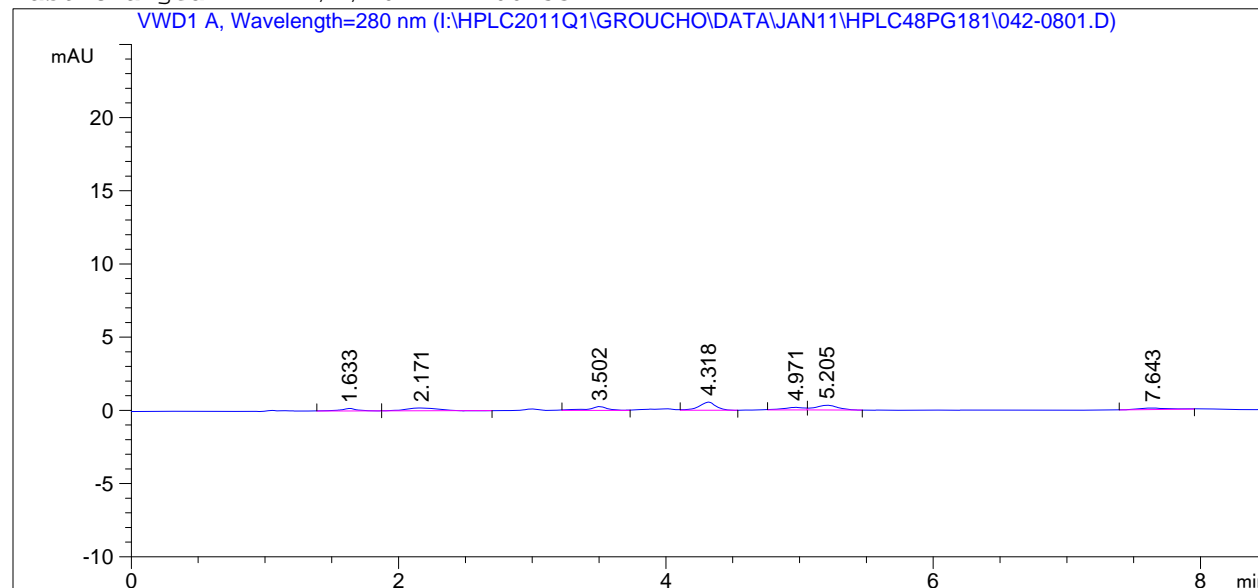
Warning : Calibrated compound(s) not found

```

=====
Acq. Operator   : KHB                      Seq. Line :    8
Acq. Instrument : Groucho                  Location  : Vial 42
Injection Date  : 2/7/2011 12:57:45 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

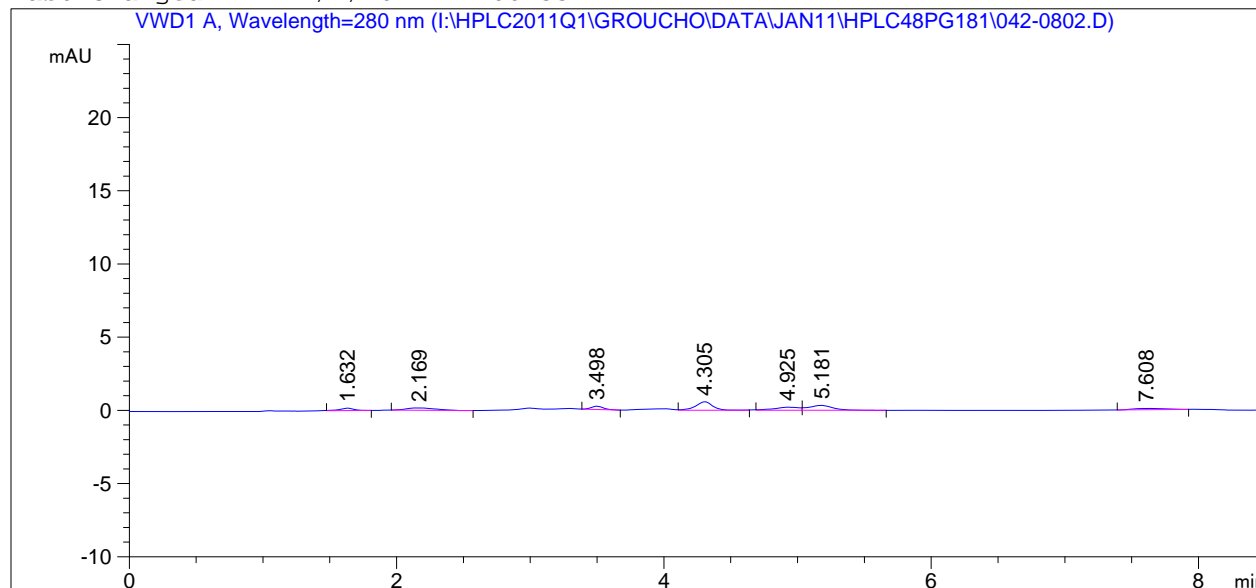
Warning : Calibrated compound(s) not found


```

=====
Acq. Operator   : KHB                      Seq. Line :    8
Acq. Instrument : Groucho                  Location  : Vial 42
Injection Date  : 2/7/2011 1:07:40 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

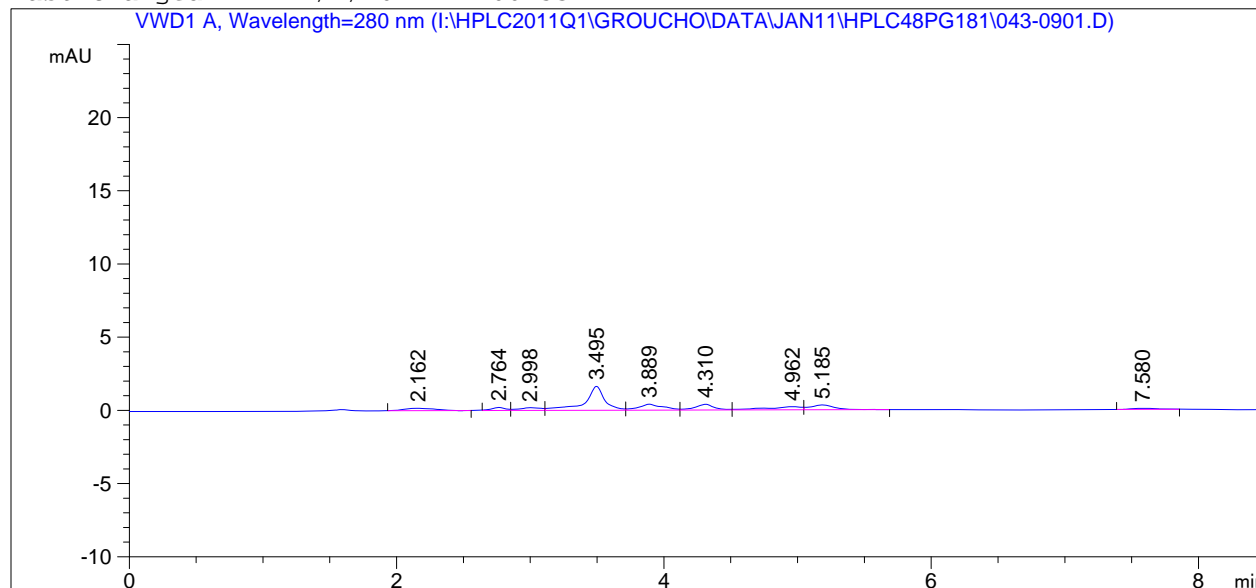
Warning : Calibrated compound(s) not found

```

=====
Acq. Operator   : KHB                      Seq. Line :    9
Acq. Instrument : Groucho                  Location  : Vial 43
Injection Date  : 2/7/2011 1:17:35 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

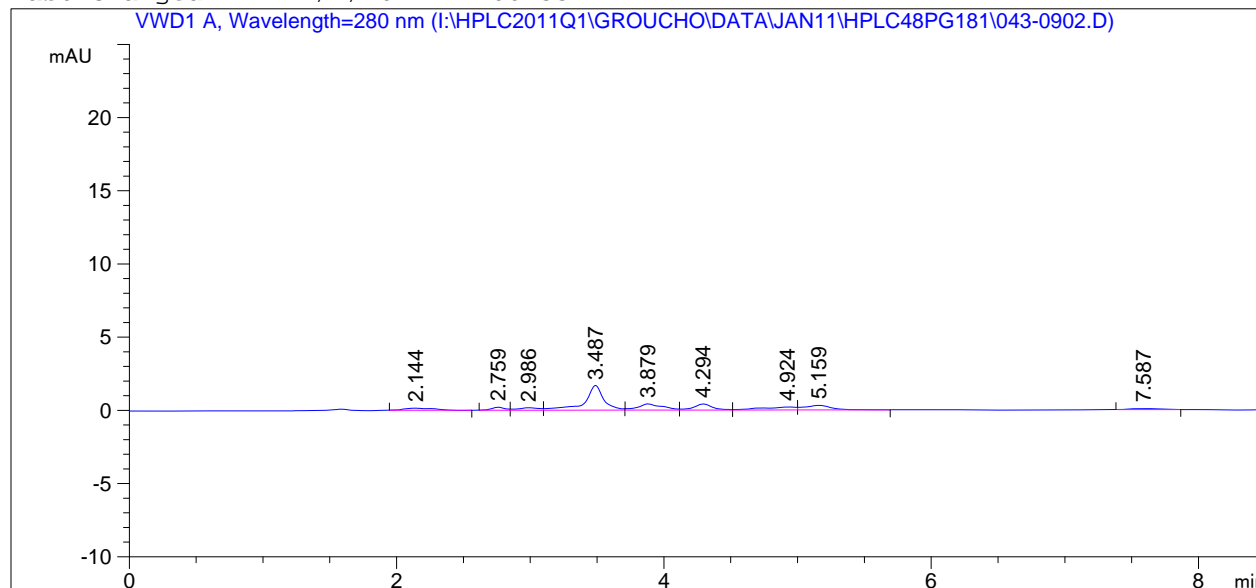
Warning : Calibrated compound(s) not found

```

=====
Acq. Operator   : KHB                      Seq. Line :    9
Acq. Instrument : Groucho                  Location  : Vial 43
Injection Date  : 2/7/2011 1:27:30 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

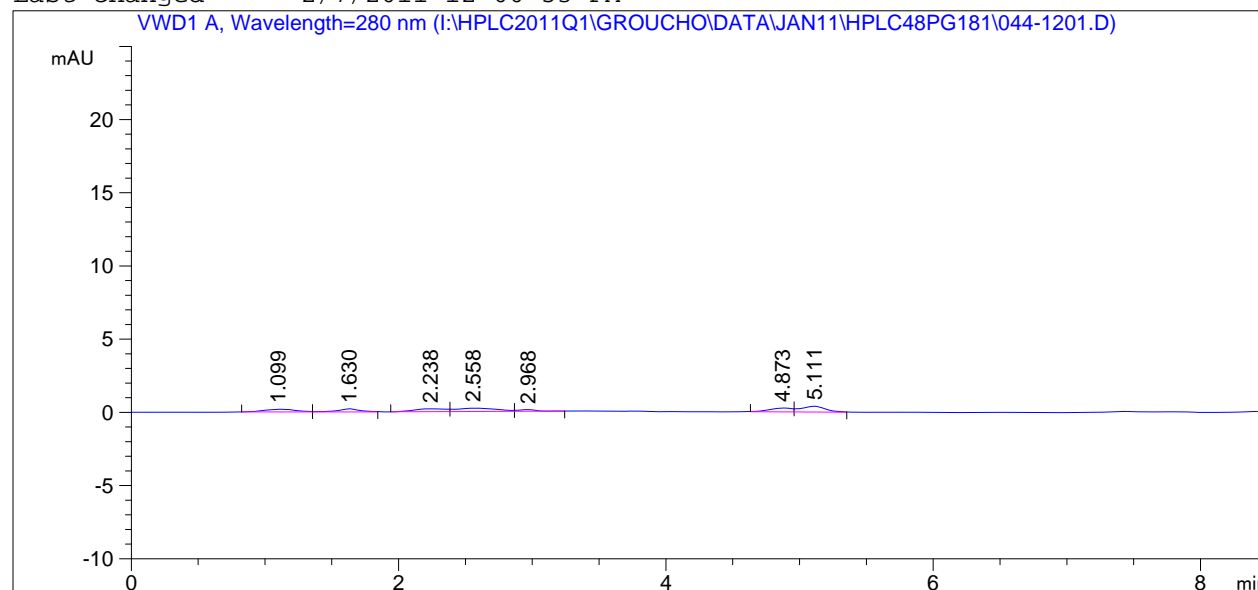
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

```
=====
Acq. Operator   : KHB                      Seq. Line :   12
Acq. Instrument : Groucho                  Location  : Vial 44
Injection Date  : 2/7/2011 2:22:54 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL14.M
Last changed    : 2/7/2011 1:54:15 PM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

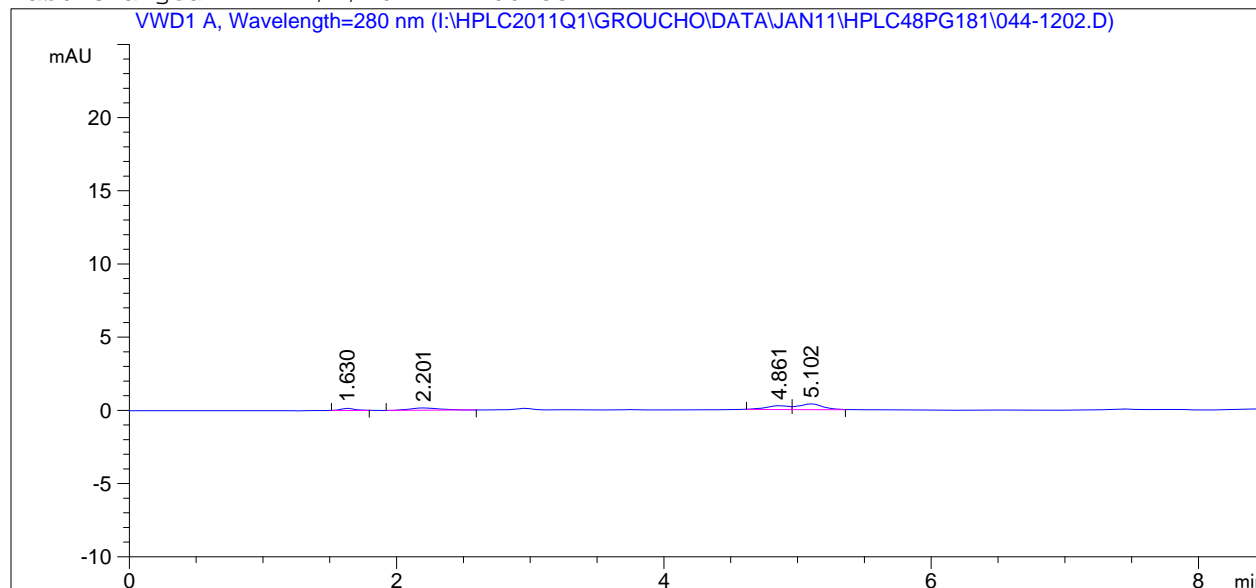
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

```
=====
Acq. Operator   : KHB                      Seq. Line :   12
Acq. Instrument : Groucho                  Location  : Vial 44
Injection Date  : 2/7/2011 2:38:18 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL14.M
Last changed    : 2/7/2011 1:54:15 PM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

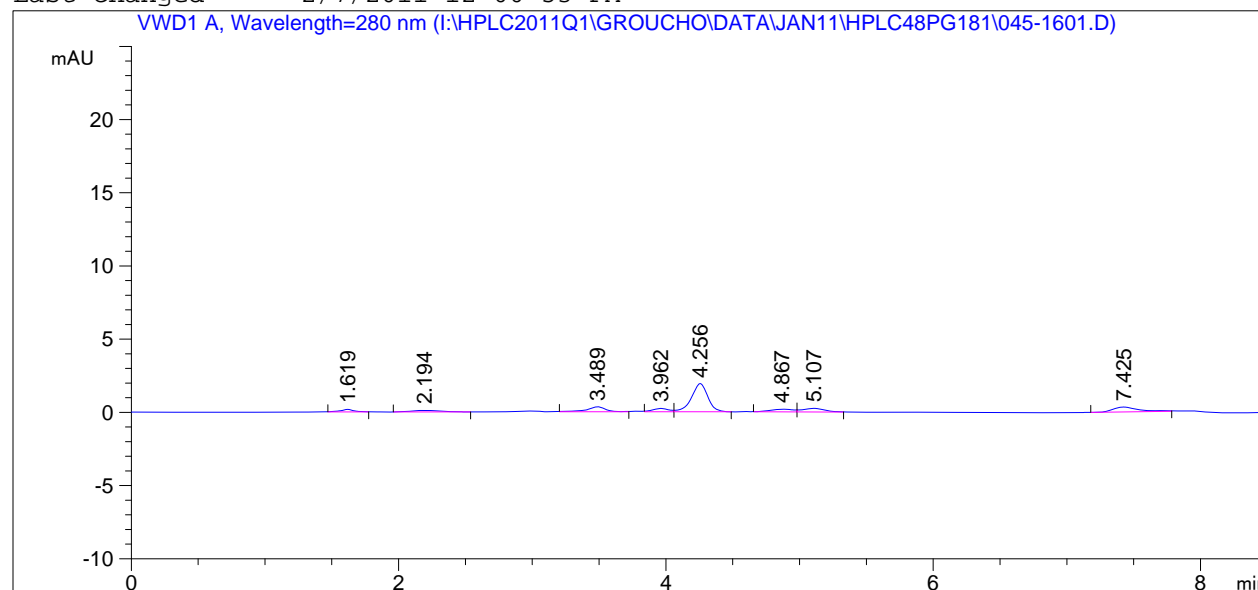
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

```
=====
Acq. Operator   : KHB                      Seq. Line :   16
Acq. Instrument : Groucho                  Location  : Vial 45
Injection Date  : 2/7/2011 4:52:56 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

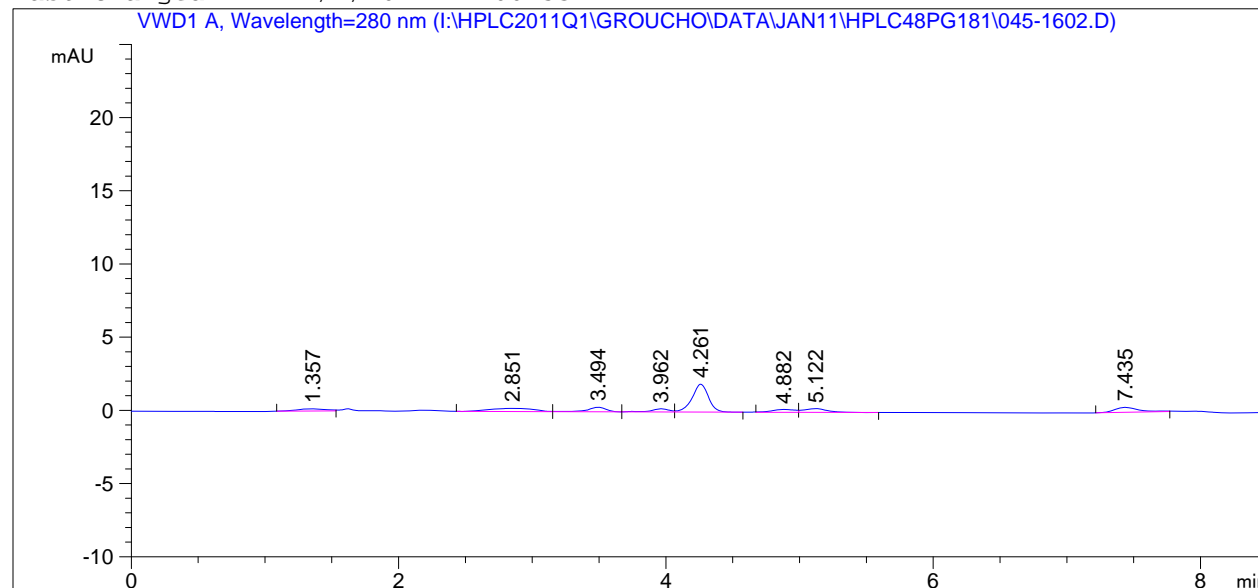
Warning : Calibrated compound(s) not found

```

=====
Acq. Operator   : KHB                      Seq. Line :   16
Acq. Instrument : Groucho                  Location  : Vial 45
Injection Date  : 2/7/2011 5:02:50 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



External Standard Report

```

=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

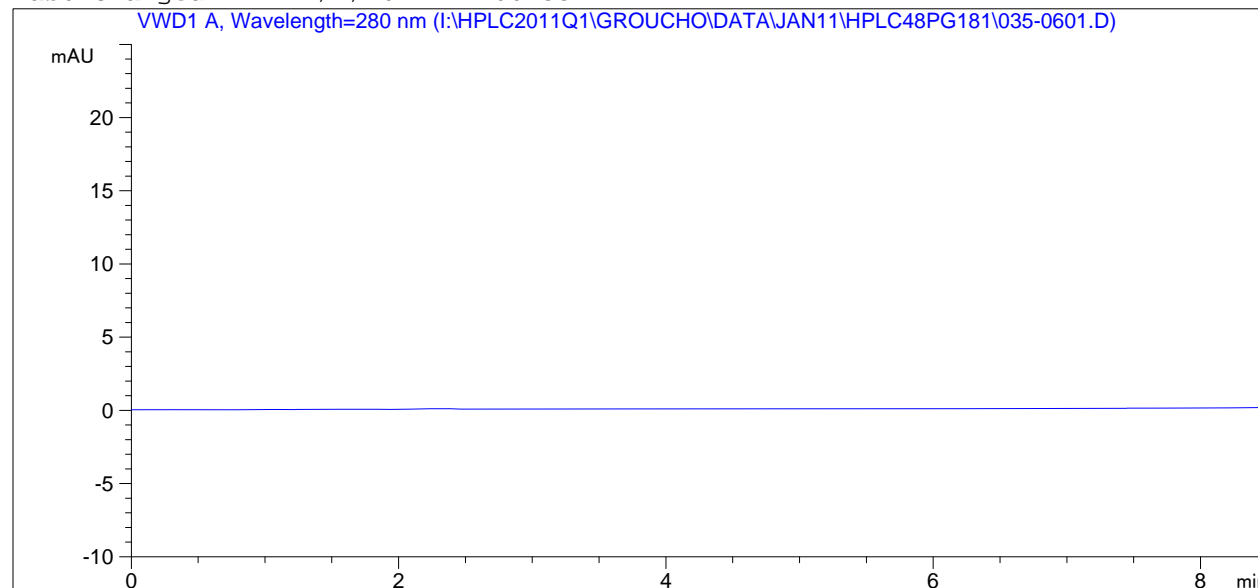
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

```
=====
Acq. Operator   : KHB                      Seq. Line :    6
Acq. Instrument : Groucho                  Location  : Vial 35
Injection Date  : 2/7/2011 12:18:06 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

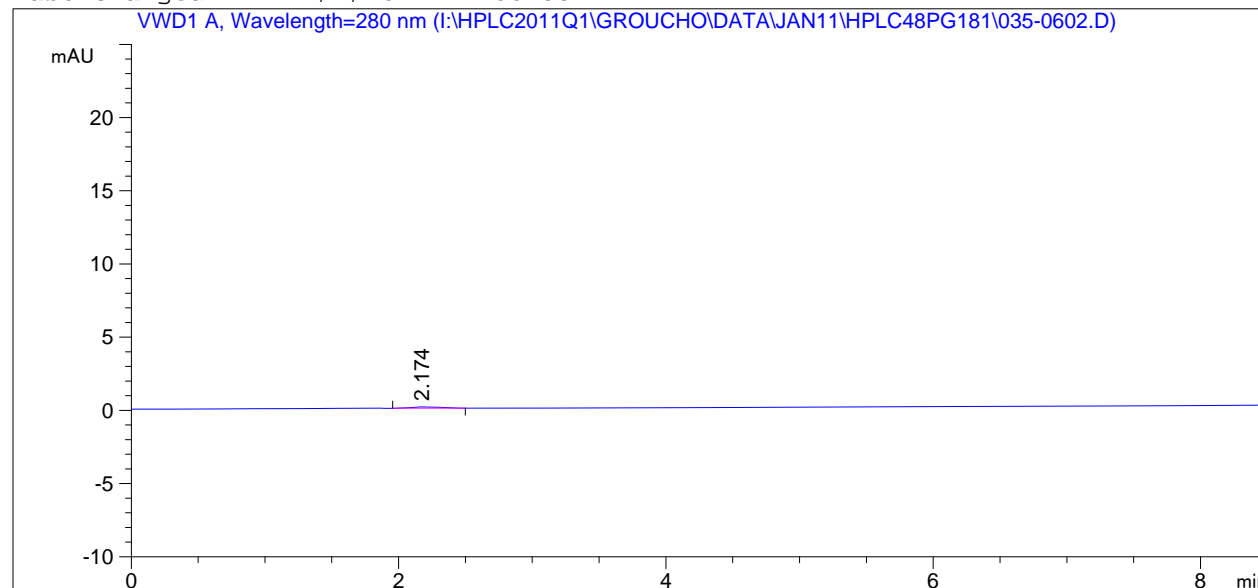
Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found


```
=====
Acq. Operator   : KHB                      Seq. Line :    6
Acq. Instrument : Groucho                  Location  : Vial 35
Injection Date  : 2/7/2011 12:28:01 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.817	-	-	-	-	-	Carbaryl

Totals : 0.00000

1 Warnings or Errors :

Warning : Calibrated compound(s) not found

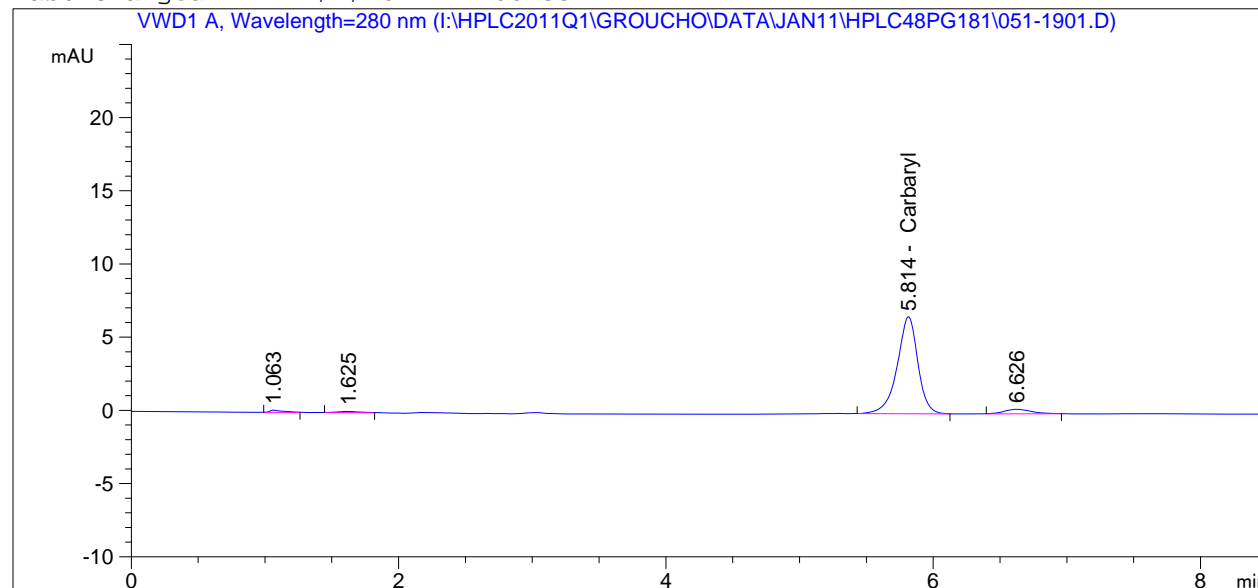
Sample Name: DE Study-1

```

=====
Acq. Operator   : KHB                      Seq. Line :   19
Acq. Instrument : Groucho                  Location  : Vial 51
Injection Date  : 2/8/2011 12:24:49 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



```

=====
                        External Standard Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.814	BB	71.15296	3.62232e-2	2.57739		Carbaryl

Totals : 2.57739

```

=====
*** End of Report ***
=====

```

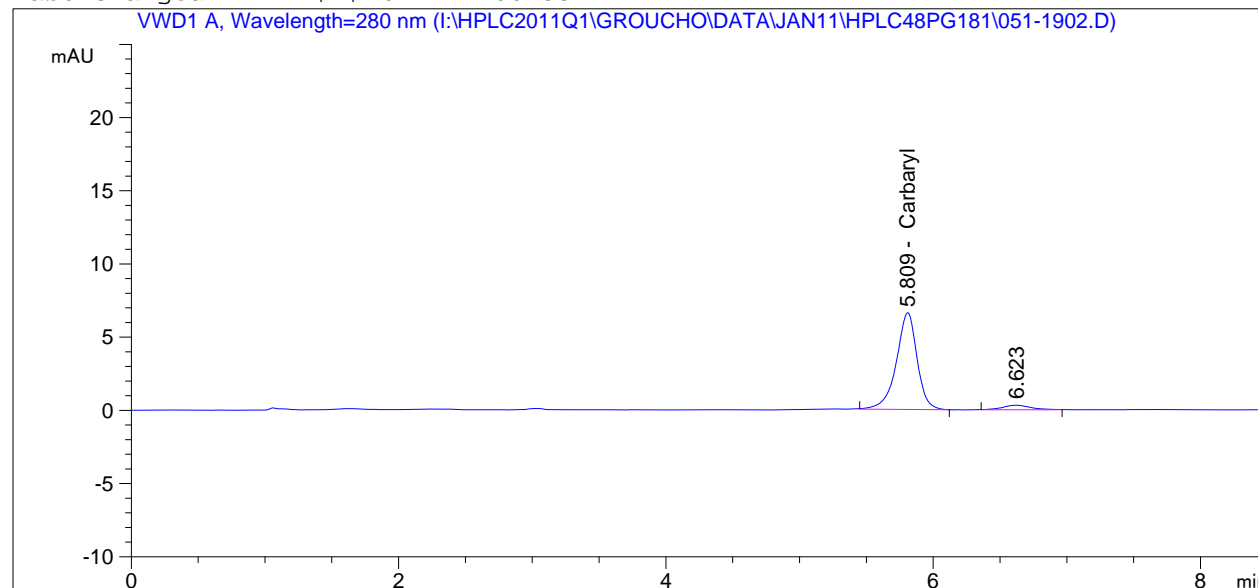
Sample Name: DE Study-1

```

=====
Acq. Operator   : KHB                      Seq. Line :   19
Acq. Instrument : Groucho                  Location  : Vial 51
Injection Date  : 2/8/2011 12:34:55 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



```

=====
                        External Standard Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.809	BB	71.04337	3.62232e-2	2.57342		Carbaryl

Totals : 2.57342

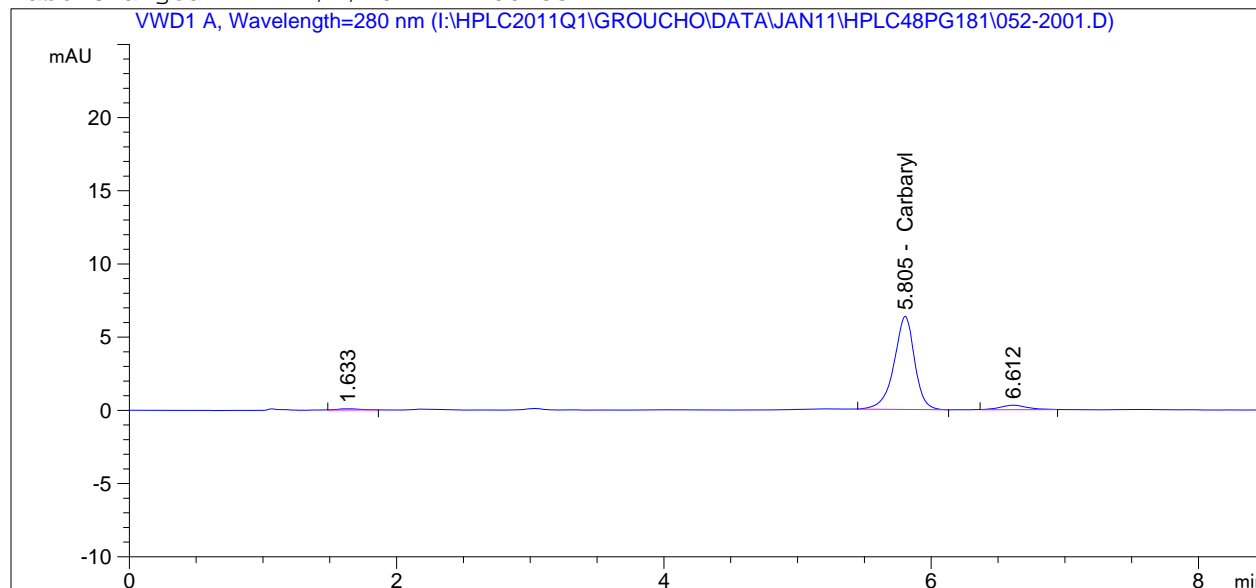
```

=====
*** End of Report ***
=====

```

```
=====
Acq. Operator   : KHB                      Seq. Line :   20
Acq. Instrument : Groucho                  Location  : Vial 52
Injection Date  : 2/8/2011 12:45:03 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

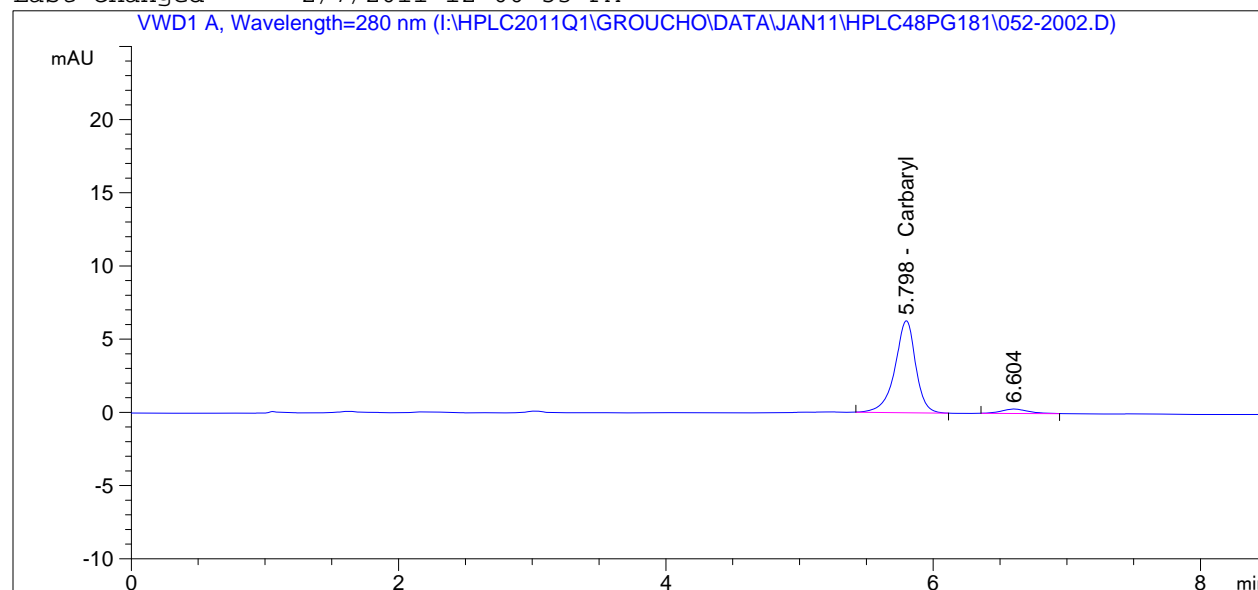
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.805	BB	67.83213	3.62232e-2	2.45710		Carbaryl

Totals : 2.45710

*** End of Report ***

```
=====
Acq. Operator   : KHB                      Seq. Line :   20
Acq. Instrument : Groucho                  Location  : Vial 52
Injection Date  : 2/8/2011 12:55:11 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.798	BB	67.78847	3.62232e-2	2.45551		Carbaryl

Totals : 2.45551

*** End of Report ***

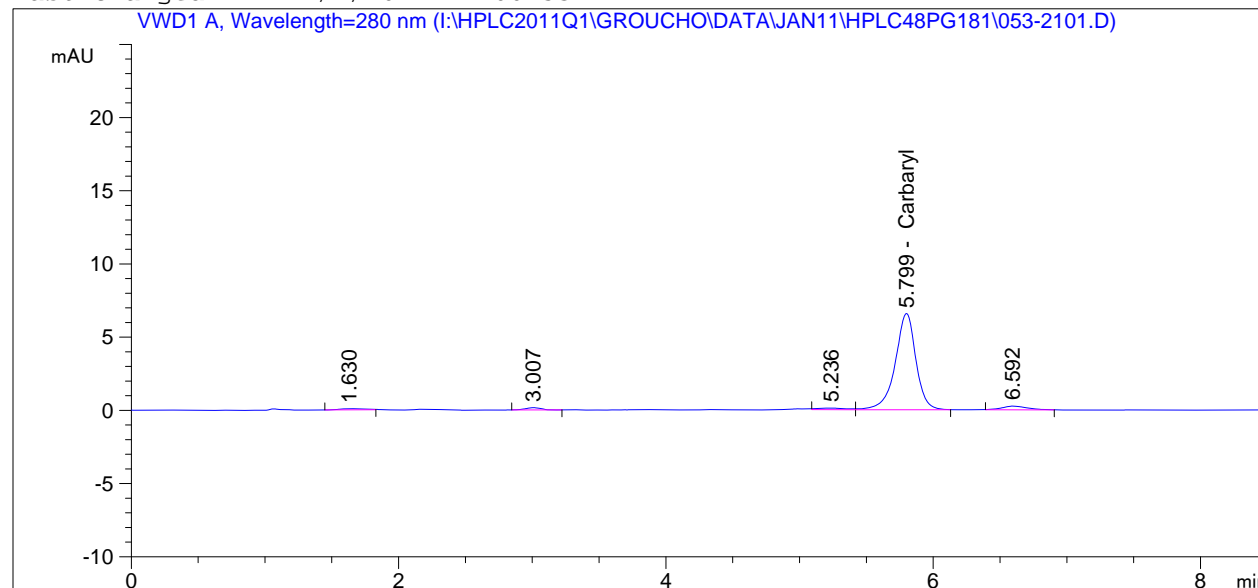
Sample Name: DE Study-3

```

=====
Acq. Operator   : KHB                      Seq. Line :   21
Acq. Instrument : Groucho                  Location  : Vial 53
Injection Date  : 2/8/2011 1:05:19 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



```

=====
                        External Standard Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.799	VB	70.52204	3.62232e-2	2.55453		Carbaryl

Totals : 2.55453

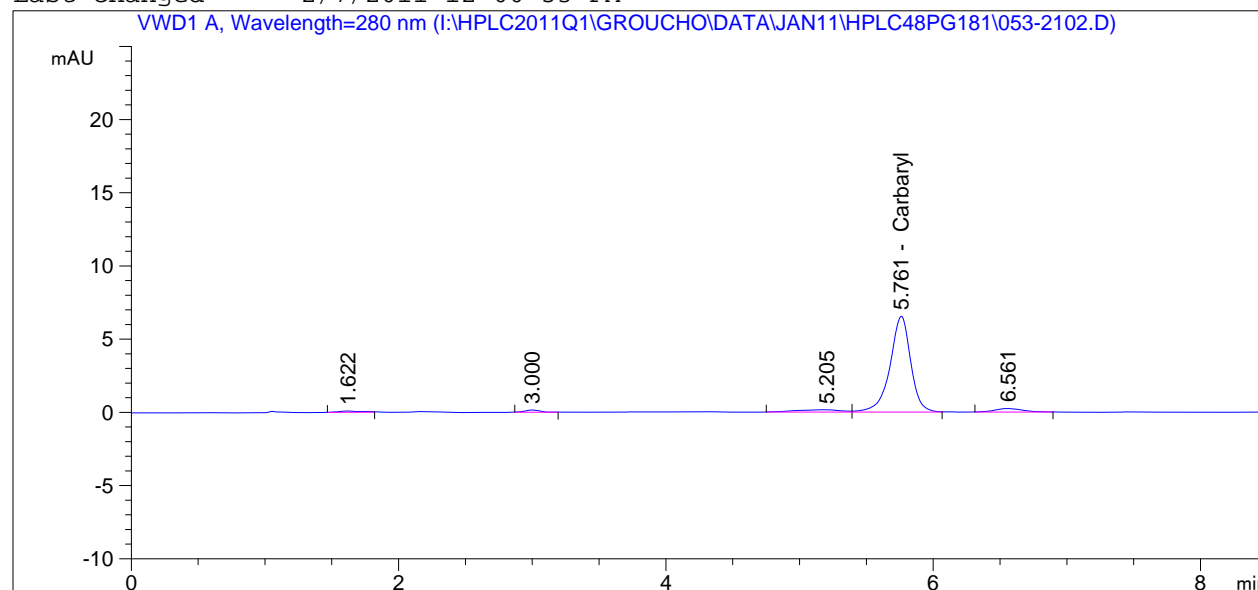
```

=====
*** End of Report ***
=====

```

```
=====
Acq. Operator   : KHB                      Seq. Line :   21
Acq. Instrument : Groucho                  Location  : Vial 53
Injection Date  : 2/8/2011 1:15:27 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

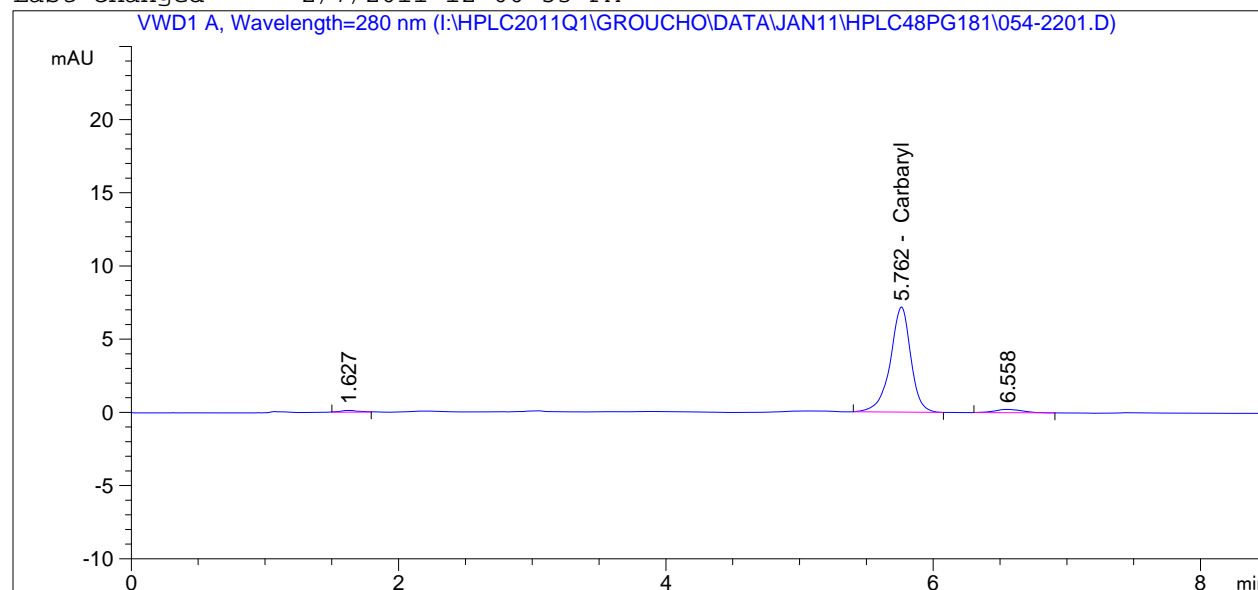
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.761	VB	70.25487	3.62232e-2	2.54485		Carbaryl

Totals : 2.54485

*** End of Report ***

```
=====
Acq. Operator   : KHB                      Seq. Line :   22
Acq. Instrument : Groucho                  Location  : Vial 54
Injection Date  : 2/8/2011 1:25:34 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

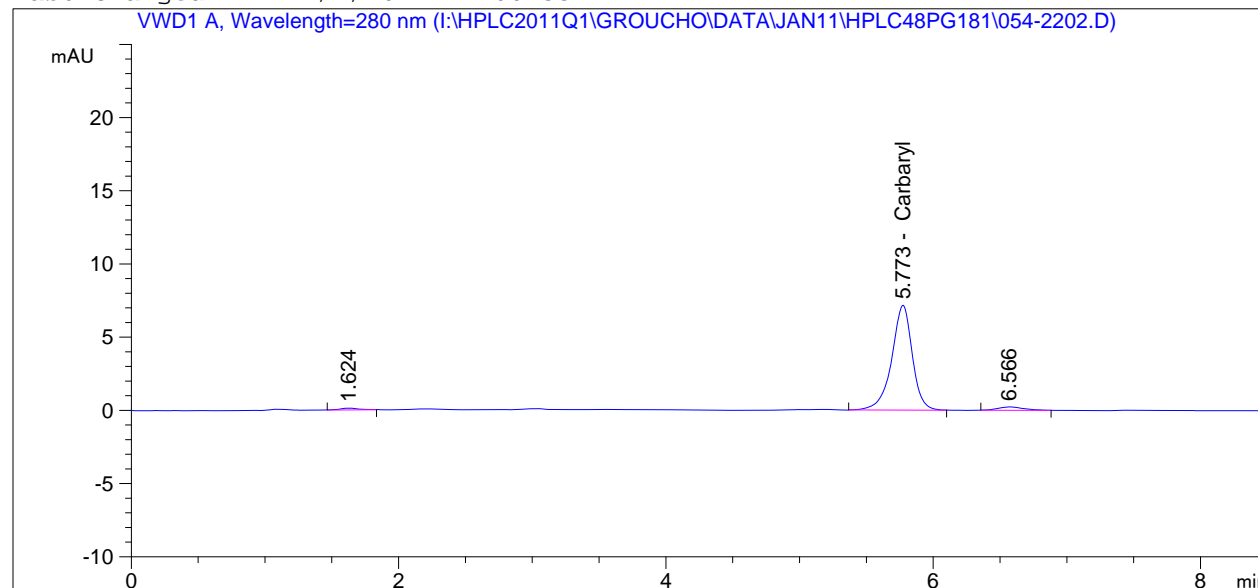
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.762	BB	76.15361	3.62232e-2	2.75853		Carbaryl

Totals : 2.75853

*** End of Report ***


```
=====
Acq. Operator   : KHB                      Seq. Line :   22
Acq. Instrument : Groucho                  Location  : Vial 54
Injection Date  : 2/8/2011 1:35:44 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.773	BB	76.68582	3.62232e-2	2.77780		Carbaryl

Totals : 2.77780

*** End of Report ***

Calibration Curve Chromatograms



=====

Calibration Table

=====

Calib. Data Modified : Monday, February 07, 2011 11:59:10 AM

Rel. Reference Window : 5.000 %
 Abs. Reference Window : 0.000 min
 Rel. Non-ref. Window : 5.000 %
 Abs. Non-ref. Window : 0.000 min
 Uncalibrated Peaks : not reported
 Partial Calibration : Yes, identified peaks are recalibrated
 Correct All Ret. Times: No, only for identified peaks

Curve Type : Average Response/Amount
 Origin : Ignored
 Weight : Equal

Recalibration Settings:
 Average Response : Average all calibrations
 Average Retention Time: Floating Average New 75%

Calibration Report Options :
 Printout of recalibrations within a sequence:
 Calibration Table after Recalibration
 Normal Report after Recalibration
 If the sequence is done with bracketing:
 Results of first cycle (ending previous bracket)

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Lvl Sig	Amount [ug/mL]	Area	Amt/Area	Ref Grp Name
5.817	1	5.00000e-1	14.27780	3.50194e-2	Carbaryl
	2	2.00000	54.13054	3.69477e-2	
	3	5.00000	135.99518	3.67660e-2	

=====

Peak Sum Table

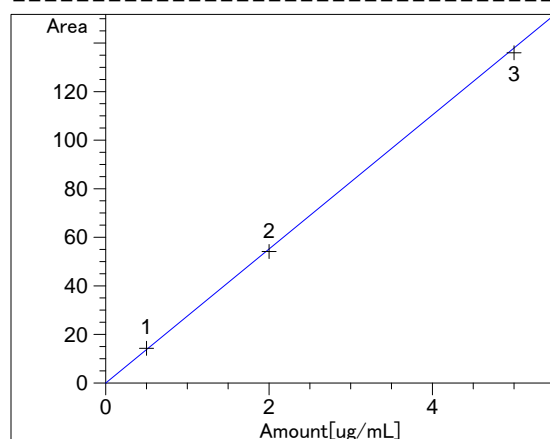
=====

No Entries in table

=====

Calibration Curves

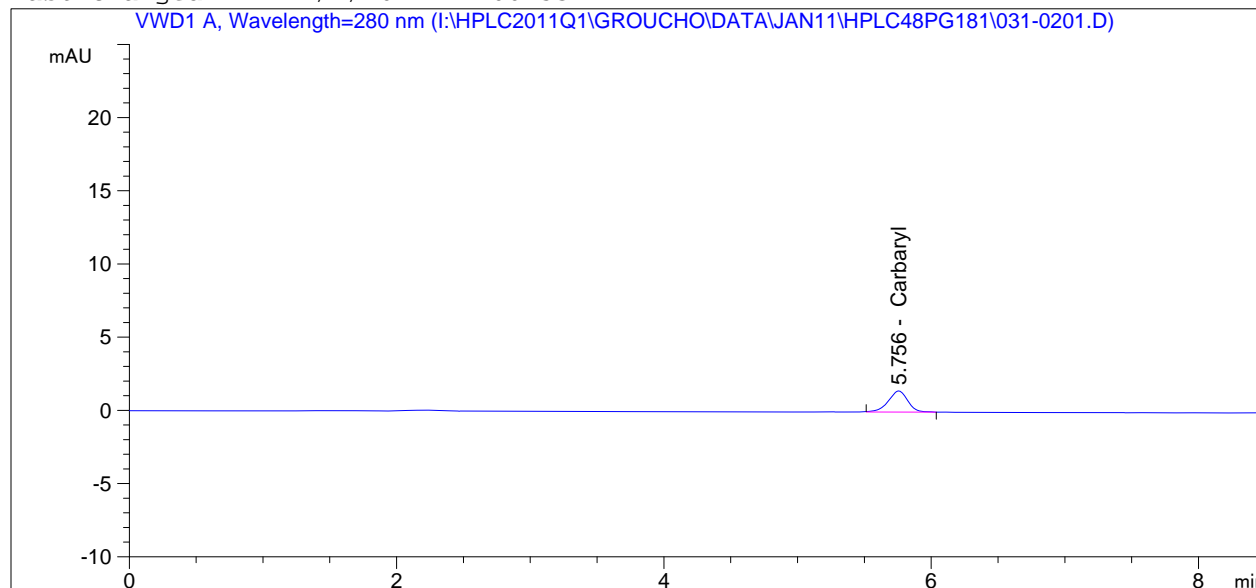
=====



Carbaryl at exp. RT: 5.817
 VWD1 A, Wavelength=280 nm
 Correlation: 0.99998
 Residual Std. Dev.: 2.35602
 Formula: $y = mx$
 m: 27.60663
 x: Amount
 y: Area

```
=====
Acq. Operator   : KHB                      Seq. Line :    2
Acq. Instrument : Groucho                  Location  : Vial 31
Injection Date  : 2/7/2011 10:58:48 AM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

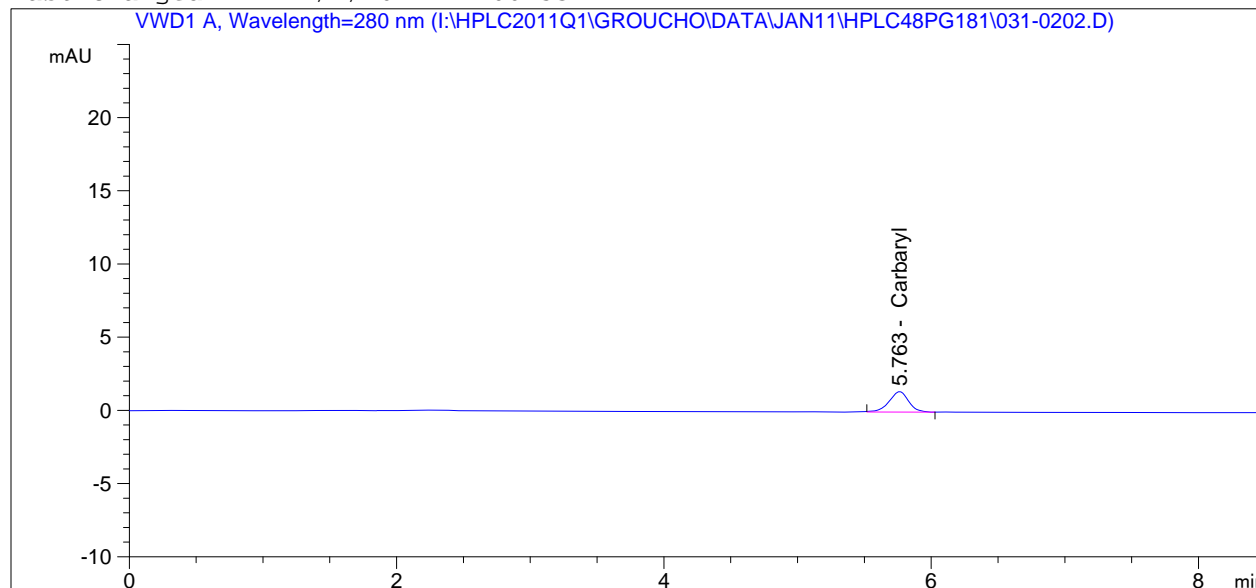
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.756	BB	14.51932	3.62232e-2	5.25936e-1	--	Carbaryl

Totals : 5.25936e-1

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :    2
Acq. Instrument : Groucho                  Location  : Vial 31
Injection Date  : 2/7/2011 11:08:43 AM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

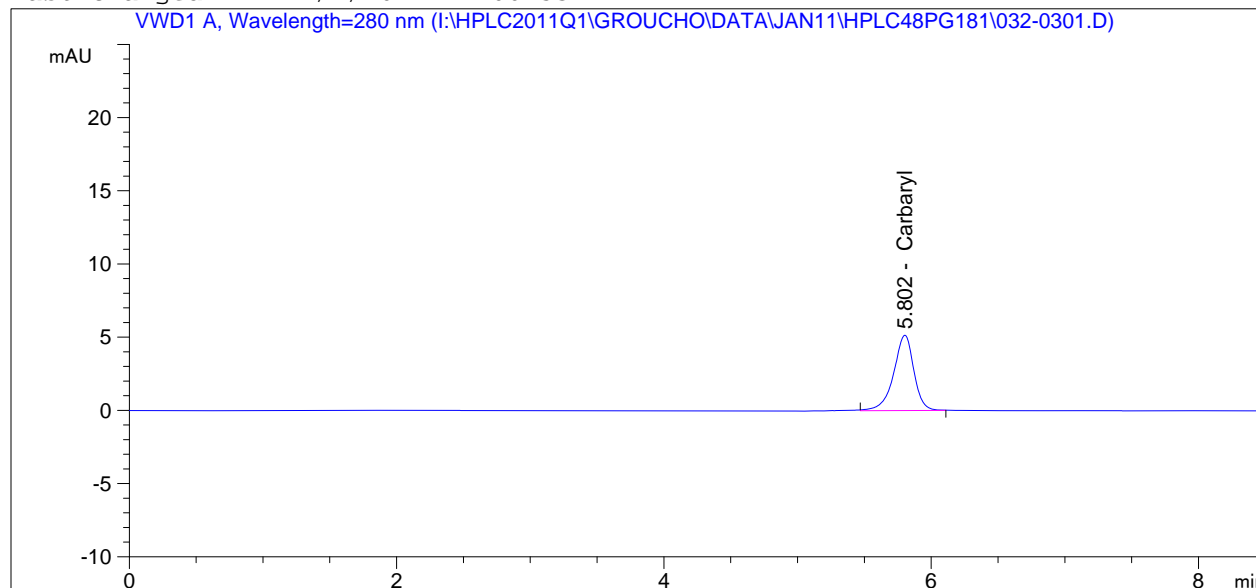
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.763	BB	14.03628	3.62232e-2	5.08439e-1	--	Carbaryl

Totals : 5.08439e-1

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :    3
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 11:18:37 AM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

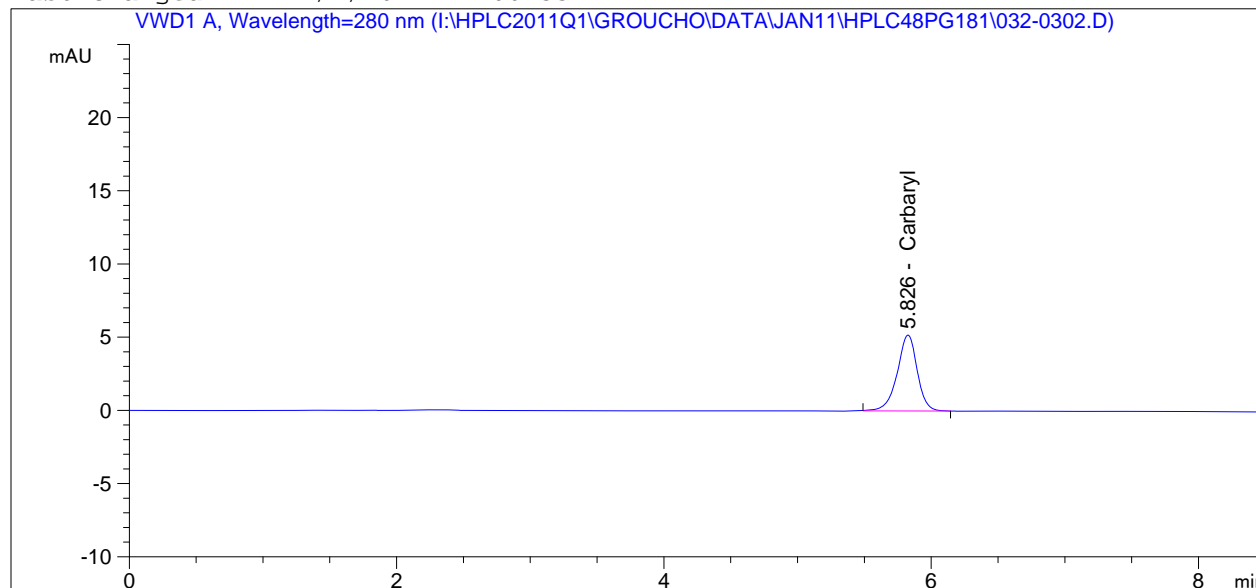
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.802	BB	54.27237	3.62232e-2	1.96592	--	Carbaryl

Totals : 1.96592

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :    3
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 11:28:32 AM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.826	BB	53.98871	3.62232e-2	1.95564		Carbaryl

Totals : 1.95564

*** End of Report ***

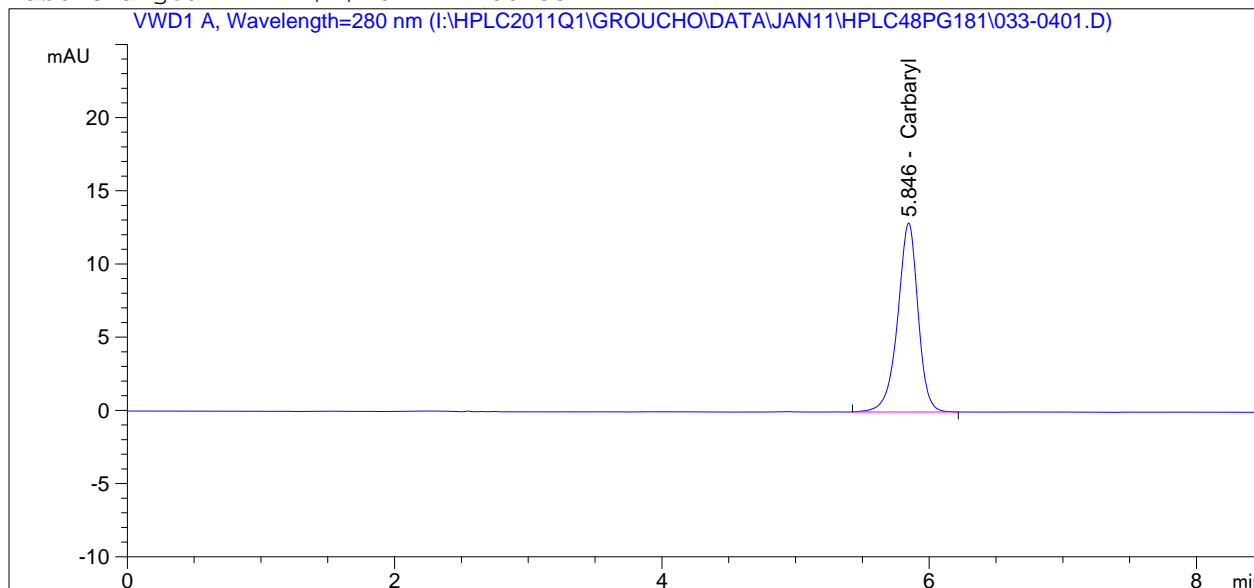
Sample Name: hplc54pg181 #3

```

=====
Acq. Operator   : KHB                      Seq. Line :    4
Acq. Instrument : Groucho                  Location  : Vial 33
Injection Date  : 2/7/2011 11:38:26 AM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



```

=====
                        External Standard Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.846	BB	136.49051	3.62232e-2	4.94412		Carbaryl

Totals : 4.94412

```

=====
*** End of Report ***
=====

```

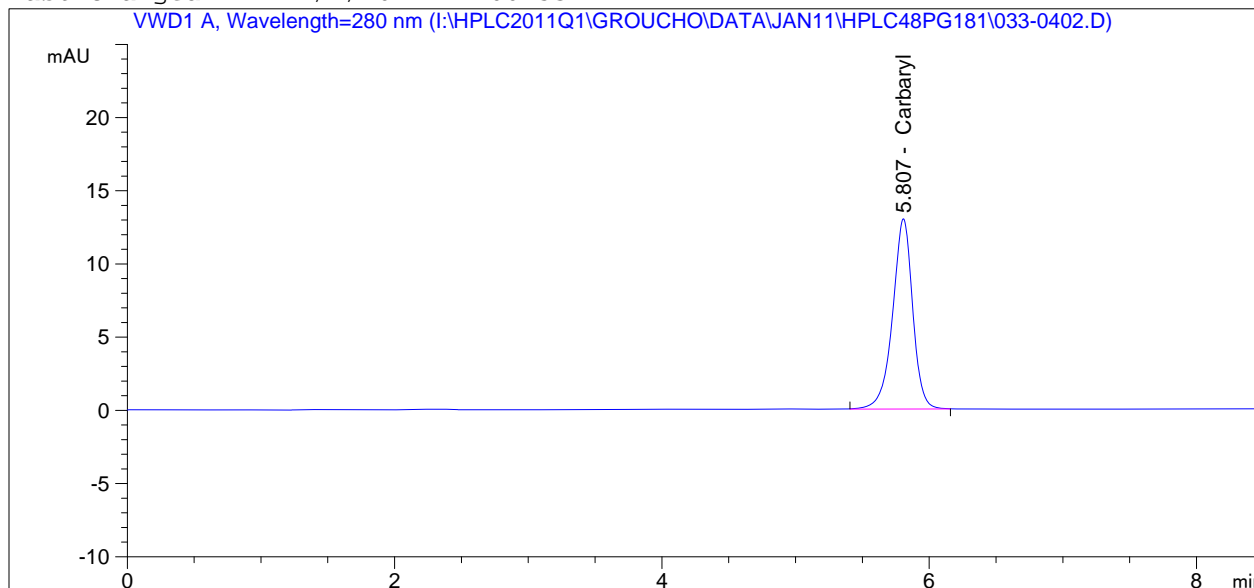

Sample Name: hplc54pg181 #3

```

=====
Acq. Operator   : KHB                      Seq. Line :    4
Acq. Instrument : Groucho                  Location  : Vial 33
Injection Date  : 2/7/2011 11:48:20 AM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====

```



```

=====
                        External Standard Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.807	BB	135.49985	3.62232e-2	4.90824		Carbaryl

Totals : 4.90824

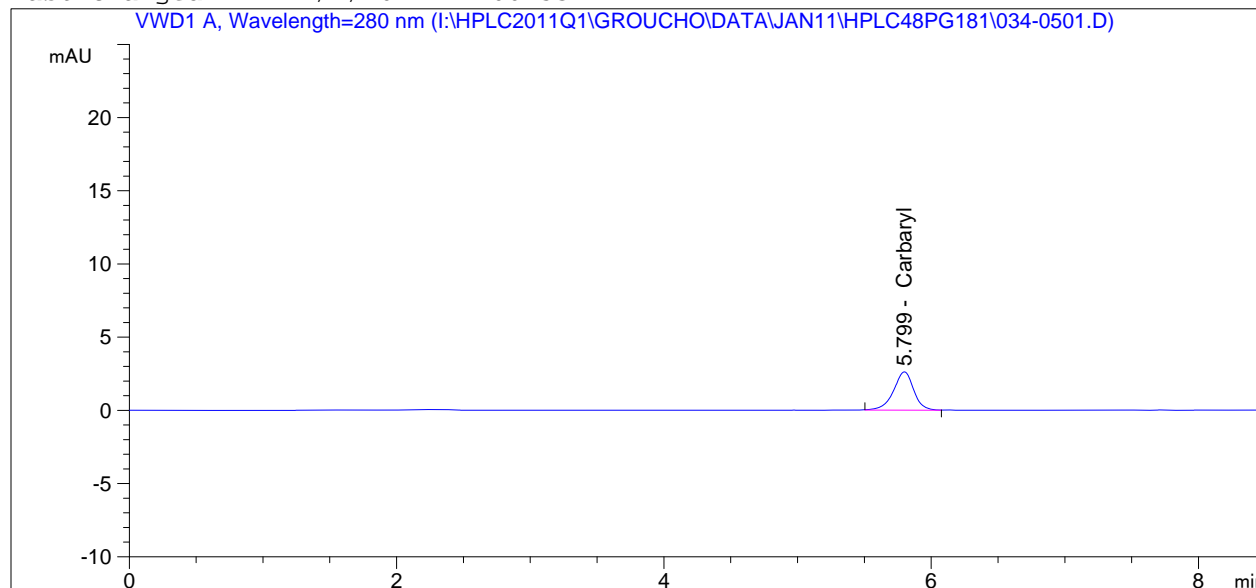
```

=====
*** End of Report ***
=====

```

```
=====
Acq. Operator   : KHB                      Seq. Line :    5
Acq. Instrument : Groucho                  Location  : Vial 34
Injection Date  : 2/7/2011 11:58:16 AM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

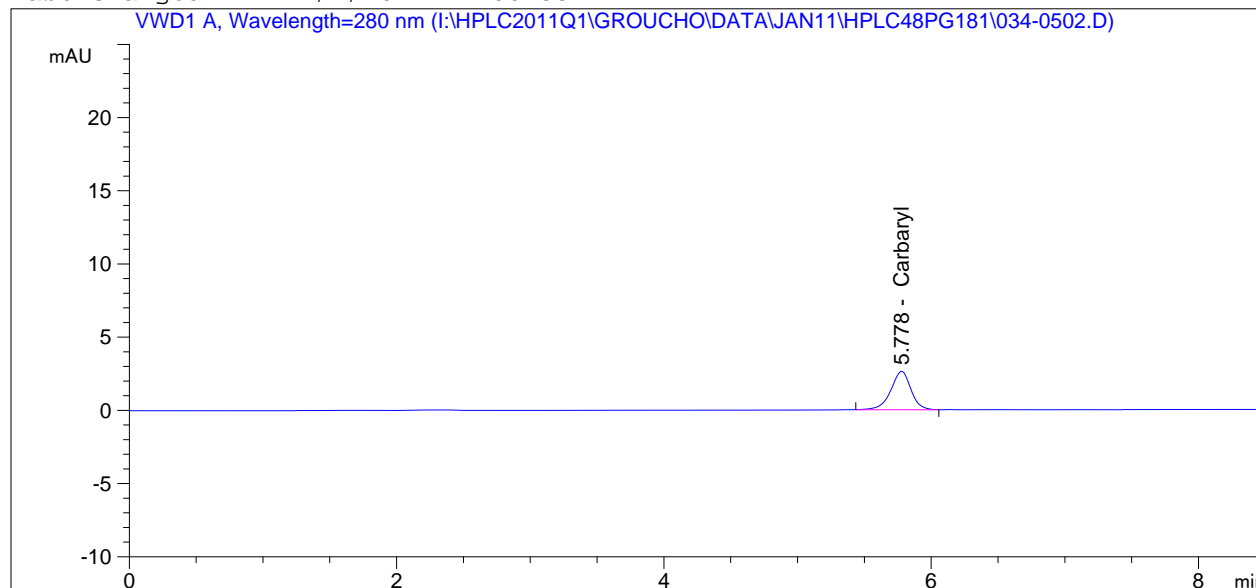
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.799	BB	27.44849	3.62232e-2	9.94272e-1	--	Carbaryl

Totals : 9.94272e-1

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :    5
Acq. Instrument : Groucho                  Location  : Vial 34
Injection Date  : 2/7/2011 12:08:12 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

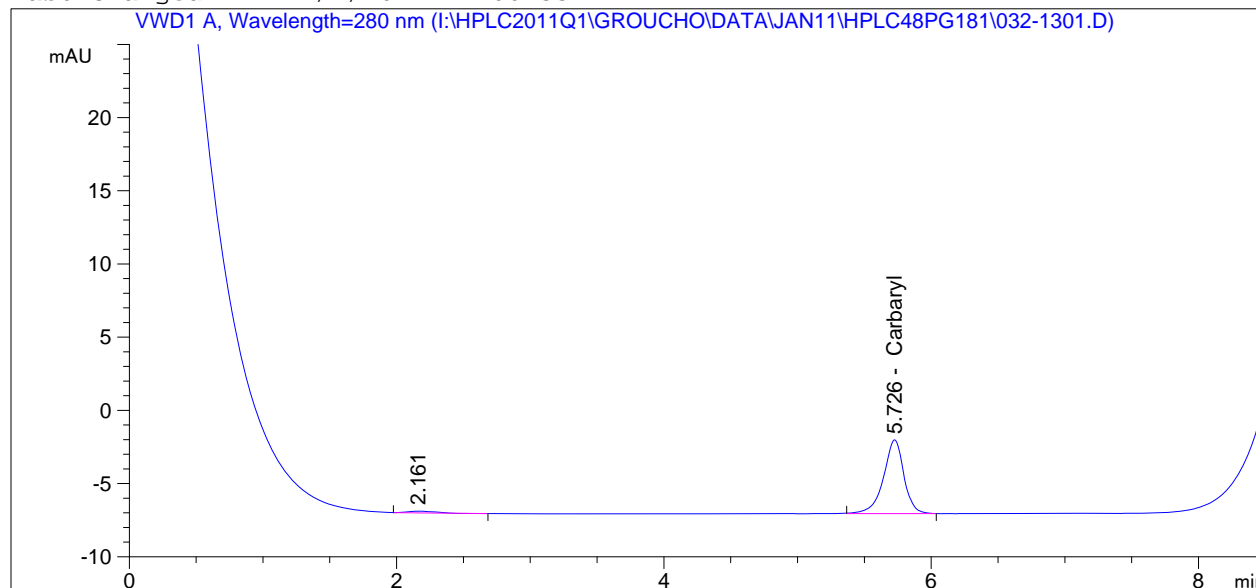
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.778	BB	27.59252	3.62232e-2	9.99489e-1	--	Carbaryl

Totals : 9.99489e-1

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   13
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 2:54:01 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

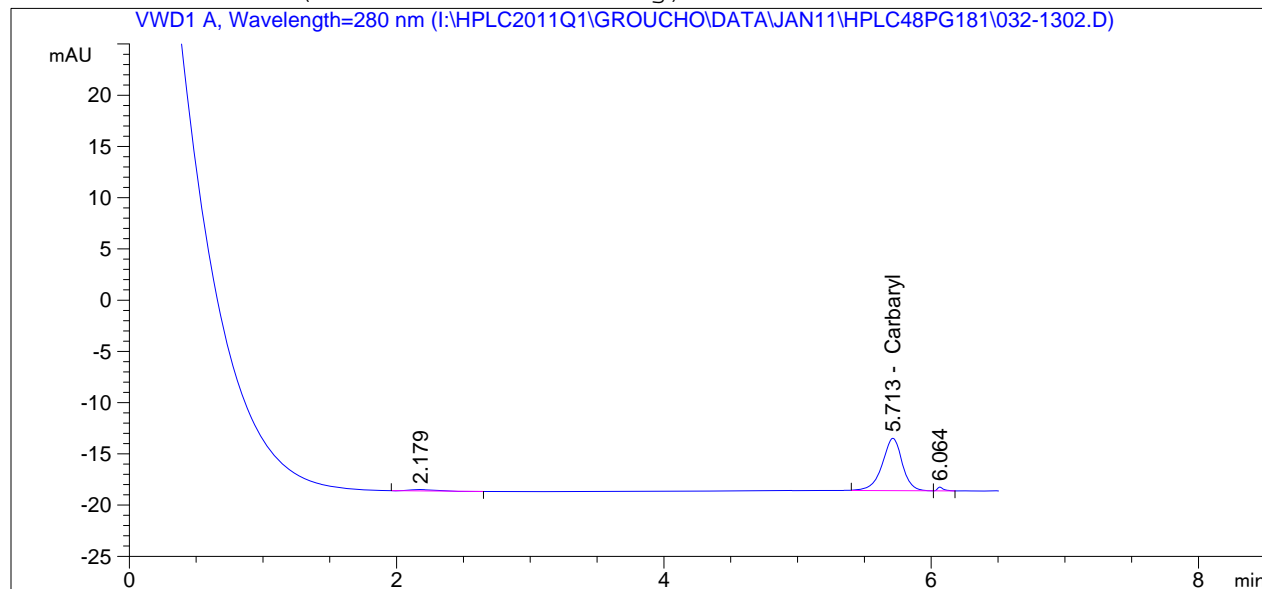
Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.726	BB	53.44883	3.62232e-2	1.93609	--	Carbaryl

Totals : 1.93609

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                               Seq. Line :   13
                                                    Location  : Vial 32
Injection Date  : 07-Feb-11, 15:03:56                Inj       :    2
Acq. Method     : CARBARYL.M
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 3:12:11 PM
                  (modified after loading)
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

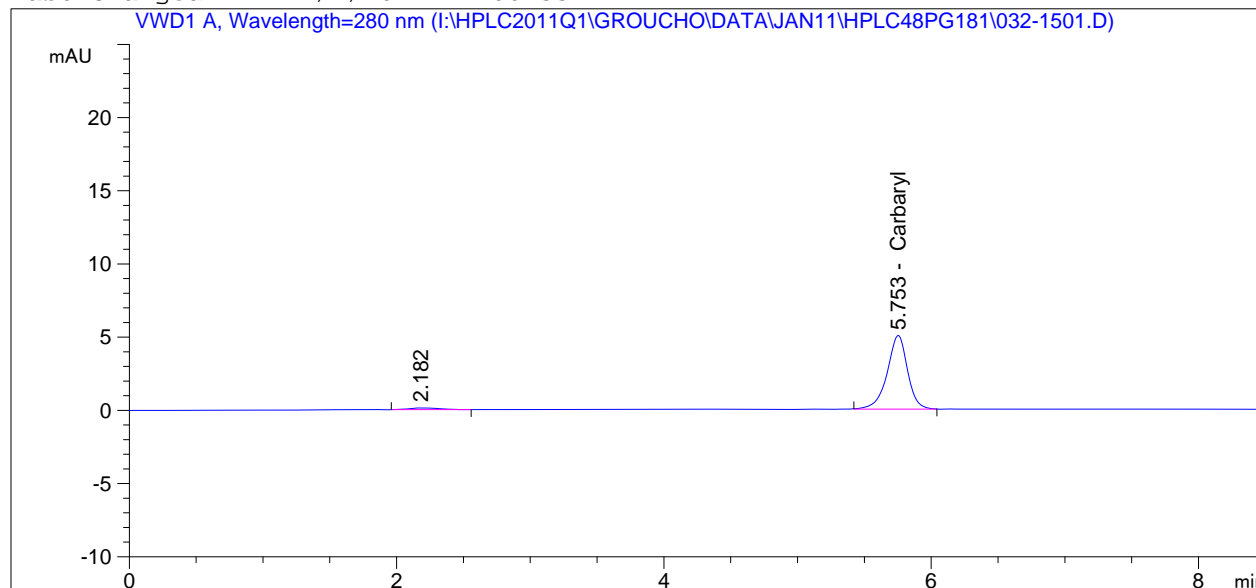
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.713	BV	53.30831	3.62232e-2	1.93100	--	Carbaryl

Totals : 1.93100

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   15
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 4:33:06 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

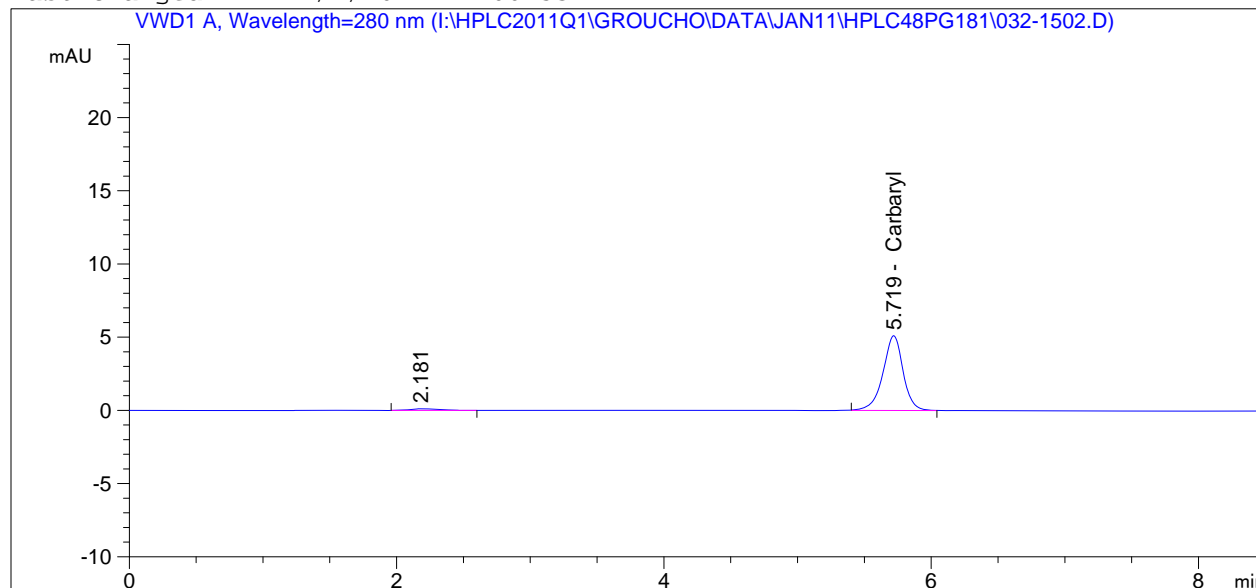
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.753	BB	53.18830	3.62232e-2	1.92665	--	Carbaryl

Totals : 1.92665

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   15
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 4:43:01 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

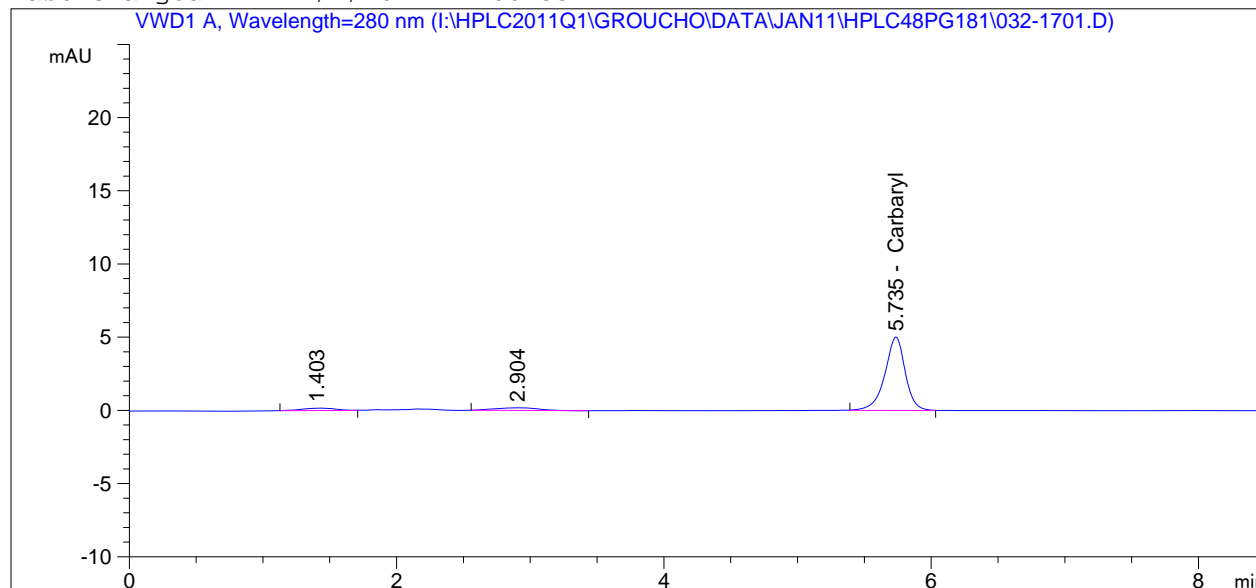
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.719	BB	53.46913	3.62232e-2	1.93682		Carbaryl

Totals : 1.93682

*** End of Report ***

```
=====
Acq. Operator   : KHB                      Seq. Line :   17
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 5:12:45 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

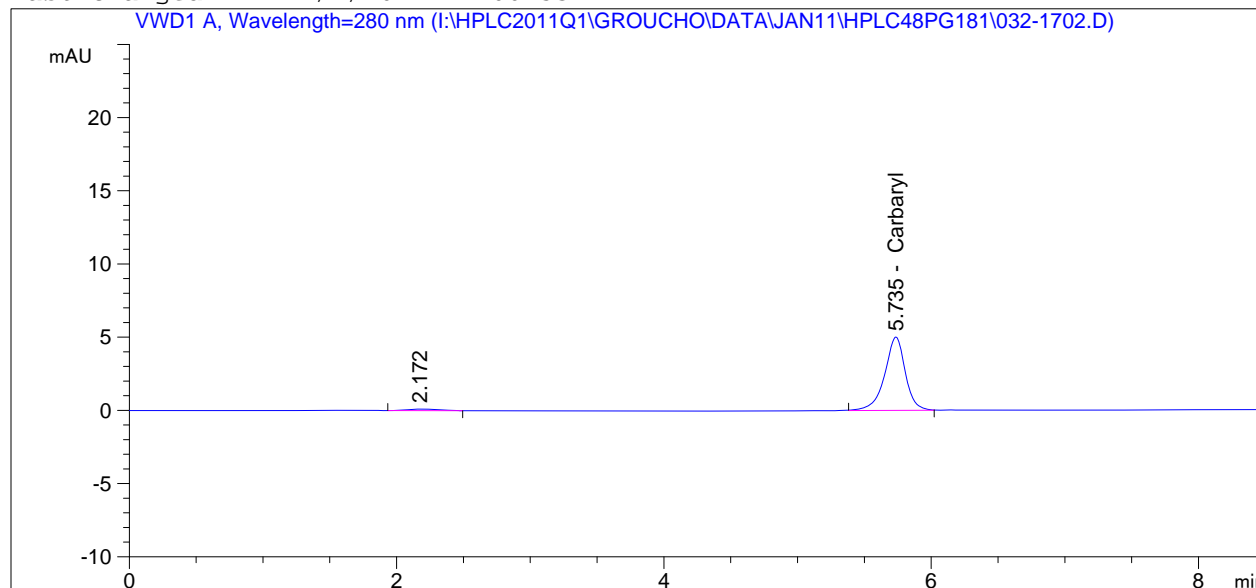
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.735	BB	53.13949	3.62232e-2	1.92488		Carbaryl

Totals : 1.92488

*** End of Report ***


```
=====
Acq. Operator   : KHB                      Seq. Line :   17
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/7/2011 5:22:41 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



External Standard Report

```
=====
Sorted By           : Signal
Calib. Data Modified: Monday, February 07, 2011 11:59:10 AM
Multiplier:         : 1.0000
Dilution:           : 1.0000
Use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: VWD1 A, Wavelength=280 nm

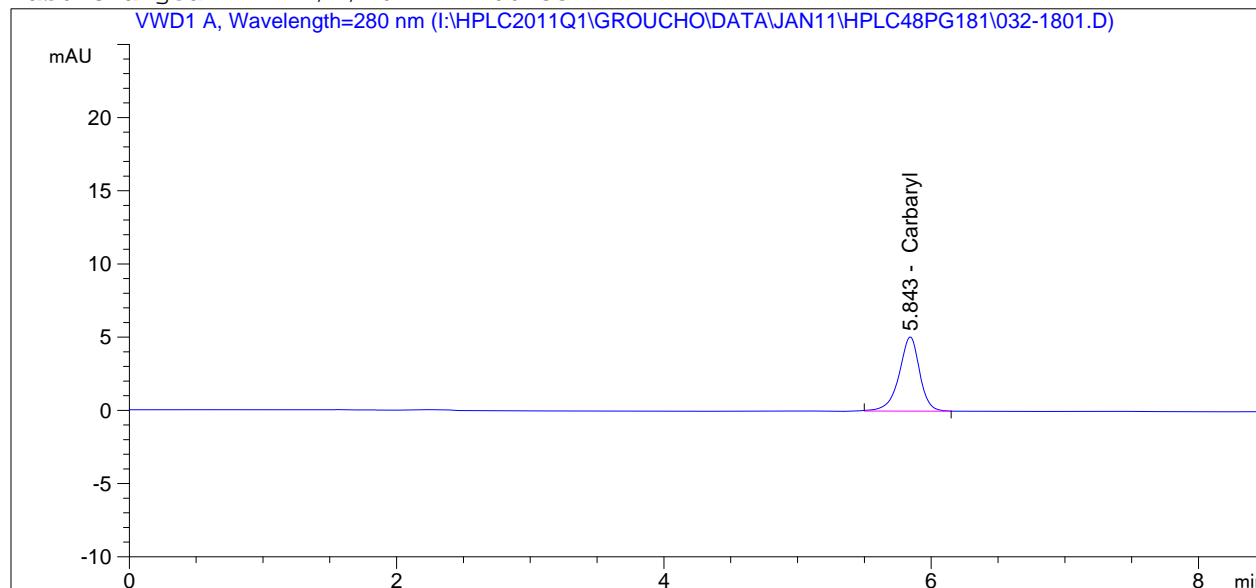
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.735	BB	53.54830	3.62232e-2	1.93969		Carbaryl

Totals : 1.93969

*** End of Report ***

```
=====
Acq. Operator   : KHB                      Seq. Line :   18
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/8/2011 12:04:36 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

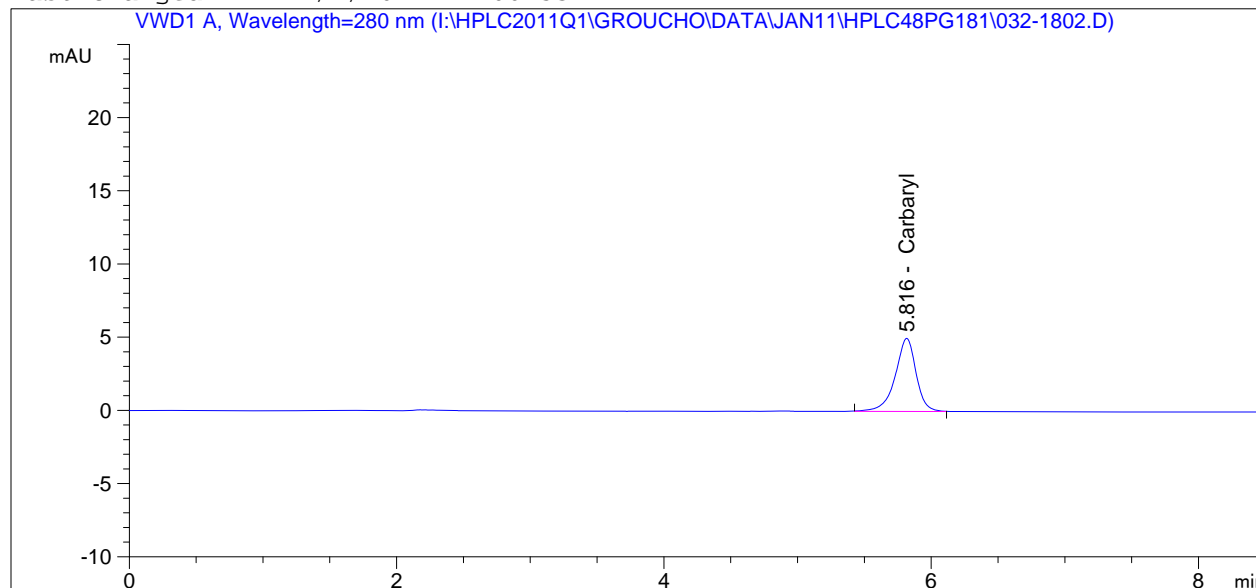
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.843	BB	54.17527	3.62232e-2	1.96240	--	Carbaryl

Totals : 1.96240

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   18
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/8/2011 12:14:42 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

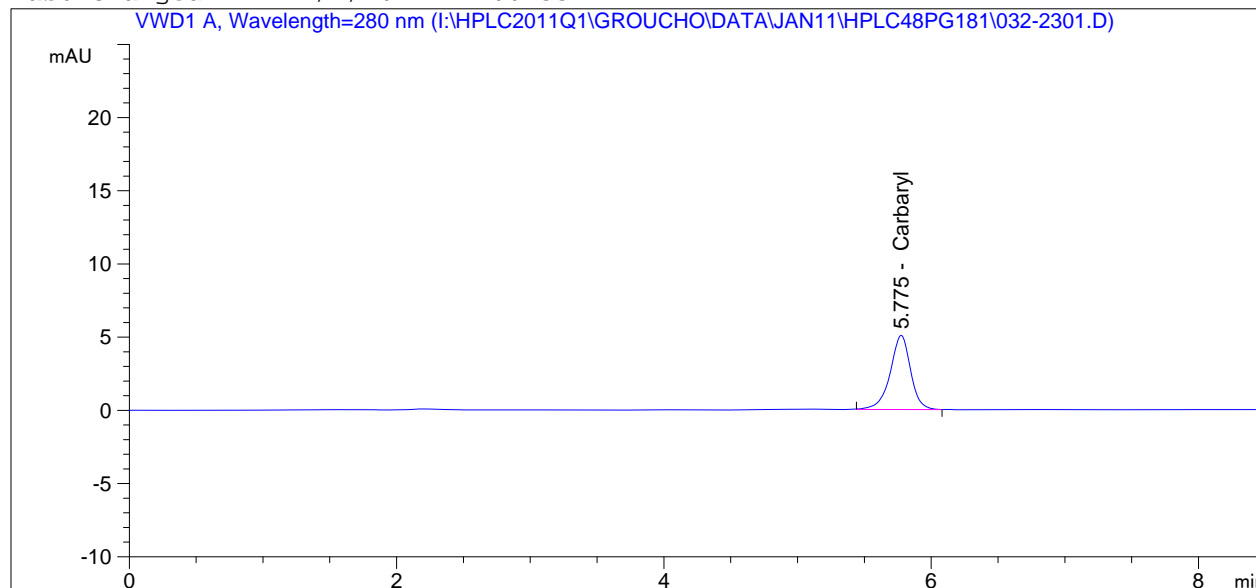
RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.816	BB	54.02896	3.62232e-2	1.95710	--	Carbaryl

Totals : 1.95710

```
=====
*** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   23
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/8/2011 1:45:50 PM      Inj       :    1
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

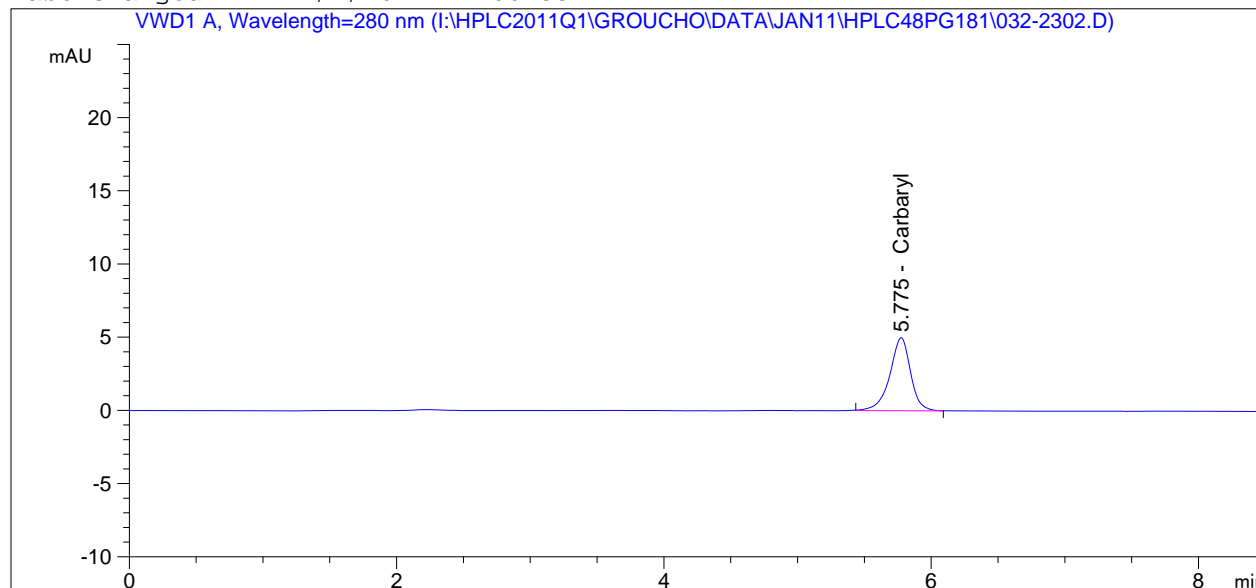
RetTime [min]	Type	Area mAU *s	Amt/Area	Amount [ug/mL]	Grp	Name
5.775	BB	53.80070	3.62232e-2	1.94883	--	Carbaryl

Totals : 1.94883

```
=====
                        *** End of Report ***
=====
```

```
=====
Acq. Operator   : KHB                      Seq. Line :   23
Acq. Instrument : Groucho                  Location  : Vial 32
Injection Date  : 2/8/2011 1:55:58 PM      Inj       :    2
                                           Inj Volume: 15.000 µl

Acq. Method     : H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Last changed    : 2/7/2011 9:59:42 AM by KHB
Analysis Method : I:\HPLC2011Q1\GROUCHO\METHODS\HPLC48PG181.M
Last changed    : 2/7/2011 12:00:53 PM
=====
```



```
=====
                        External Standard Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      Monday, February 07, 2011 11:59:10 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: VWD1 A, Wavelength=280 nm

RetTime [min]	Type	Area mAU	Amt/Area *s	Amount [ug/mL]	Grp	Name
5.775	BB	53.75830	3.62232e-2	1.94730	--	Carbaryl

Totals : 1.94730

```
=====
*** End of Report ***
=====
```

Method Information

Method: H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL.M
Modified: 2/7/2011 at 9:59:42 AM

Column: Restek Pinnacle II C18 4.6 * 250mm
Mobile Phase: 55:45 Acetonitrile:DIUF H2O
Flow Rate: 1.0 mL/min
UV detection at 280 nm

=====

Agilent 1100/1200 Quaternary Pump 1

=====

Control

Column Flow : 1.000 ml/min
Stoptime : 8.50 min
Posttime : Off

Solvents

Solvent A : 55.0 % (100% Acetonitrile)
Solvent B : Off
Solvent C : Off
Solvent D : 45.0 % (DIUF H2O)

PressureLimits

Minimum Pressure : 0 bar
Maximum Pressure : 400 bar

Auxiliary

Maximal Flow Ramp : 100.00 ml/min^2
Primary Channel : Auto
Compressibility : 83×10^{-6} /bar
Minimal Stroke : Auto

Store Parameters

Store Ratio A : Yes
Store Ratio B : Yes
Store Ratio C : Yes
Store Ratio D : Yes
Store Flow : Yes
Store Pressure : Yes

Agilent Contacts Option

=====

Contact 1 : Open
Contact 2 : Open
Contact 3 : Open
Contact 4 : Open

=====

Agilent 1100 Variable Wavelength Detector 1

=====

Signal

Wavelength : 280 nm
Peakwidth : > 0.1 min

Time

Stoptime : As pump
Posttime : Off

Analog Output

Zero offset analog out.: 5 %
Attenuation analog out.: 1000 mAU

Store Additionally

Signal w/o Reference : No
Reference : No

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Autobalance

Prerun balancing : Yes
Postrun balancing : No

Special Parameters

Margin for negative Absorbance: 100 mAU
Signal Polarity : Positive
Enable analysis when lamp is off: No
Scan from : 190 nm
Scan to : 400 nm
Scan step : 2 nm

Agilent Contacts Option

=====

Contact 1 : Open
Contact 2 : Open
Contact 3 : Open
Contact 4 : Open

=====

Agilent 1100 Autosampler 1

=====

Injection

Injection Mode : Needle Wash
Injector volume : 15.00 µl
Wash Vial : 100
Optimization : Prefetch Sample Vial
6.00 min. after Injection

Auxiliary

Drawspeed : 200 µl/min
Ejectspeed : 200 µl/min
Draw position : 0.0 mm

Time

Stoptime : As Pump
Posttime : Off

=====

Agilent 1100/1200 Column Thermostat 1

=====

Temperature settings

Left temperature : 40.0°C
Right temperature : Same as left
Enable analysis : When Temp. is within setpoint +/- 0.8°C
Store left temperature : Yes
Store right temperature: Yes

Time

Stoptime : As pump
Posttime : Off

Column Switching Valve : Column 1

Method Information

Method: H:\HPLC2011Q1\GROUCHO\METHODS\CARBARYL14.M
Modified: 2/7/2011 at 1:54:15 PM

Column: Restek Pinnacle II C18 4.6 * 250mm
Mobile Phase: 55:45 Acetonitrile:DIUF H2O
Flow Rate: 1.0 mL/min
UV detection at 280 nm

=====

Agilent 1100/1200 Quaternary Pump 1

=====

Control

Column Flow : 1.000 ml/min
Stoptime : 14.00 min
Posttime : Off

Solvents

Solvent A : 55.0 % (100% Acetonitrile)
Solvent B : Off
Solvent C : Off
Solvent D : 45.0 % (DIUF H2O)

PressureLimits

Minimum Pressure : 0 bar
Maximum Pressure : 400 bar

Auxiliary

Maximal Flow Ramp : 100.00 ml/min^2
Primary Channel : Auto
Compressibility : 83×10^{-6} /bar
Minimal Stroke : Auto

Store Parameters

Store Ratio A : Yes
Store Ratio B : Yes
Store Ratio C : Yes
Store Ratio D : Yes
Store Flow : Yes
Store Pressure : Yes

Agilent Contacts Option

=====

Contact 1 : Open
Contact 2 : Open
Contact 3 : Open
Contact 4 : Open

=====

Agilent 1100 Variable Wavelength Detector 1

=====

Signal

Wavelength : 280 nm
Peakwidth : > 0.1 min

Time

Stoptime : As pump
Posttime : Off

Analog Output

Zero offset analog out.: 5 %
Attenuation analog out.: 1000 mAU

Store Additionally

Signal w/o Reference : No
Reference : No

EA# 0211-22 Page 202 of 205

Modified on: 2/7/2011 at 1:54:15 PM

Autobalance

Prerun balancing : Yes
Postrun balancing : No

Special Parameters

Margin for negative Absorbance: 100 mAU
Signal Polarity : Positive
Enable analysis when lamp is off: No
Scan from : 190 nm
Scan to : 400 nm
Scan step : 2 nm

Agilent Contacts Option

=====

Contact 1 : Open
Contact 2 : Open
Contact 3 : Open
Contact 4 : Open

=====

Agilent 1100 Autosampler 1

=====

Injection

Injection Mode : Needle Wash
Injector volume : 15.00 µl
Wash Vial : 100
Optimization : Prefetch Sample Vial
6.00 min. after Injection

Auxiliary

Drawspeed : 200 µl/min
Ejectspeed : 200 µl/min
Draw position : 0.0 mm

Time

Stoptime : As Pump
Posttime : Off

=====

Agilent 1100/1200 Column Thermostat 1

=====

Temperature settings

Left temperature : 40.0°C
Right temperature : Same as left
Enable analysis : When Temp. is within setpoint +/- 0.8°C
Store left temperature : Yes
Store right temperature: Yes

Time

Stoptime : As pump
Posttime : Off

Column Switching Valve : Column 1

Sequence Table:

Method and Injection Info Part:

Line	Location	SampleName DataFile	Method AutoBalance	Inj LimsID	SampleType	InjVolume
====	=====	=====	=====	=====	=====	=====
1	Vial 35	RB/Acetonitrile	CARBARYL	1	Sample	
2	Vial 31	hplc54pg181 #1	CARBARYL	2	Sample	
3	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	
4	Vial 33	hplc54pg181 #3	CARBARYL	2	Sample	
5	Vial 34	hplc54pg181 #SS	CARBARYL	2	Sample	
6	Vial 35	RB/Acetonitrile	CARBARYL	2	Sample	
7	Vial 41	AP01-WAR 0210-22	CARBARYL	2	Sample	
8	Vial 42	AP02-WAR 0210-22	CARBARYL	2	Sample	
9	Vial 43	AP03-WAR 0210-22	CARBARYL	2	Sample	
10	Vial 44	AP04-WAR 0210-22	CARBARYL	2	Sample	
11	Vial 45	MB-1 0210-22	CARBARYL	2	Sample	
12	Vial 44	AP04-WAR 0210-22	CARBARYL14	2	Sample	
13	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	
14	Vial 36	hplc54pg181 #MDL	CARBARYL	8	Sample	
15	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	
16	Vial 45	MB-1 0210-22	CARBARYL	2	Sample	
17	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	
18	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	
19	Vial 51	DE Study-1	CARBARYL	2	Sample	
20	Vial 52	DE Study-2	CARBARYL	2	Sample	
21	Vial 53	DE Study-3	CARBARYL	2	Sample	
22	Vial 54	DE Study-4	CARBARYL	2	Sample	
23	Vial 32	hplc54pg181 #2	CARBARYL	2	Sample	

**This Is The Last Page
Of This Report.**

