Method 508 MOD. Date Extracted 4/22/02 Page 69

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count		
					Ref							
L.B.		500 mL		1 mL			1 mL	10A	7			
Ref 1					1 mL			9B				
Ref 2					1 mL			8B				
9517								7B				
9518								6A				
9519								7A				
9520								10A				
8271	FB, RE-EXT.							9A				
8430	RE-EXT							10B				
8485	RE-EXT							9B				
8487	RE-EXT.							8A				
9446	Q, RE-EXT.							6B				

Remarks

NaOH WAS ADDED TO THE Q-SAMPLE (9446) TO BRING ITS PH TO SEVEN.

drip rate must be between 5-15 ml/min for liq-liq extractors drip rate -

Extraction type - SEP. FUN. Solv.lot# X06E27 NaCl lot# V3964 Na2SO4 lot# V46648

STANDARD	INT STD LOG#
CALIBRATION	
REF/SPIKE	2279E
MDL/MDRF	
Q. CHECK	
INT. STD.	042602
SURROGATE	~~~
LPC	
ENDRIN/DDT	

Analyst A.D.
Revision 4/12/01

Verified by

Reviewed by
Date

Sequence Name: C:\HPCHEM\1\SEQUENCE\MAY0302.S
Comment:
Operator:
Data Path: C:\HPCHEM\1\DATA\MAY0302\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	DFTPP	GCMS0501	
2	Sample	2	CAL20	GCMS0501	
3	Sample	3	LB	GCMS0501	GC/MS SCAN 4/24
4	Sample	4	REF1	GCMS0501	GC/MS SCAN 4/24
5	Sample	5	REF2	GCMS0501	GC/MS SCAN 4/24
6	Sample	6	8837	GCMS0501	RE-EXT.
7	Sample	7	8838	GCMS0501	RE-EXT.
8	Sample	8	8934	GCMS0501	RE-EXT.
9	Sample	9	9579	GCMS0501	GC/MS SCAN 4/24
10	Sample	10	9580	GCMS0501	GC/MS SCAN 4/24
11	Sample	11	9581	GCMS0501	GC/MS SCAN 4/24 FB
12	Sample	12	9585	GCMS0501	GC/MS SCAN 4/24
13	Sample	13	9586	GCMS0501	GC/MS SCAN 4/24
14	Sample	14	9587	GCMS0501	GC/MS SCAN 4/24 FB
15	Sample	15	LBA	GCMS0501	GC/MS SCAN 4/22
16	Sample	16	REFA1	GCMS0501	GC/MS SCAN 4/22
17	Sample	17	REFA2	GCMS0501	GC/MS SCAN 4/22
18	Sample	18	9517	GCMS0501	GC/MS SCAN 4/22
19	Sample	19	9518	GCMS0501	GC/MS SCAN 4/22
20	Sample	20	9519	GCMS0501	GC/MS SCAN 4/22
21	Sample	21	9520	GCMS0501	GC/MS SCAN 4/22
22	Sample	22	8271	GCMS0501	RE-EXT. FB
23	Sample	23	8430	GCMS0501	RE-EXT.
24	Sample	24	8485	GCMS0501	RE-EXT.
25	Sample	25	8487	GCMS0501	RE-EXT.
26	Sample	26	9446	GCMS0501	RE-EXT.
27	Sample	1	DFTPP2	GCMS0501	
28	Sample	100	CAL40	GCMS0501	
29	Sample	27	LBB	GCMS0501	GC/MS SCAN 4/26
30	Sample	28	REFB1	GCMS0501	GC/MS SCAN 4/26
31	Sample	29	REFB2	GCMS0501	GC/MS SCAN 4/26
32	Sample	30	9151	GCMS0501	RE-EXT.
33	Sample	31	9154	GCMS0501	RE-EXT.
34	Sample	32	9155	GCMS0501	RE-EXT.
35	Sample	33	9331	GCMS0501	RE-EXT.
36	Sample	34	9332	GCMS0501	RE-EXT.
37	Sample	35	10062	GCMS0501	GC/MS SCAN 4/26
38	Sample	36	10063	GCMS0501	GC/MS SCAN 4/26
39	Sample	37	10064	GCMS0501	GC/MS SCAN 4/26
40	Sample	38	10065	GCMS0501	GC/MS SCAN 4/26
41	Sample	39	LBC	GCMS0501	GC/MS SCAN 4/23
42	Sample	40	REFC1	GCMS0501	GC/MS SCAN 4/23
43	Sample	41	REFC2	GCMS0501	GC/MS SCAN 4/23

Last Modified: Mon May 06 07:58:30 2002

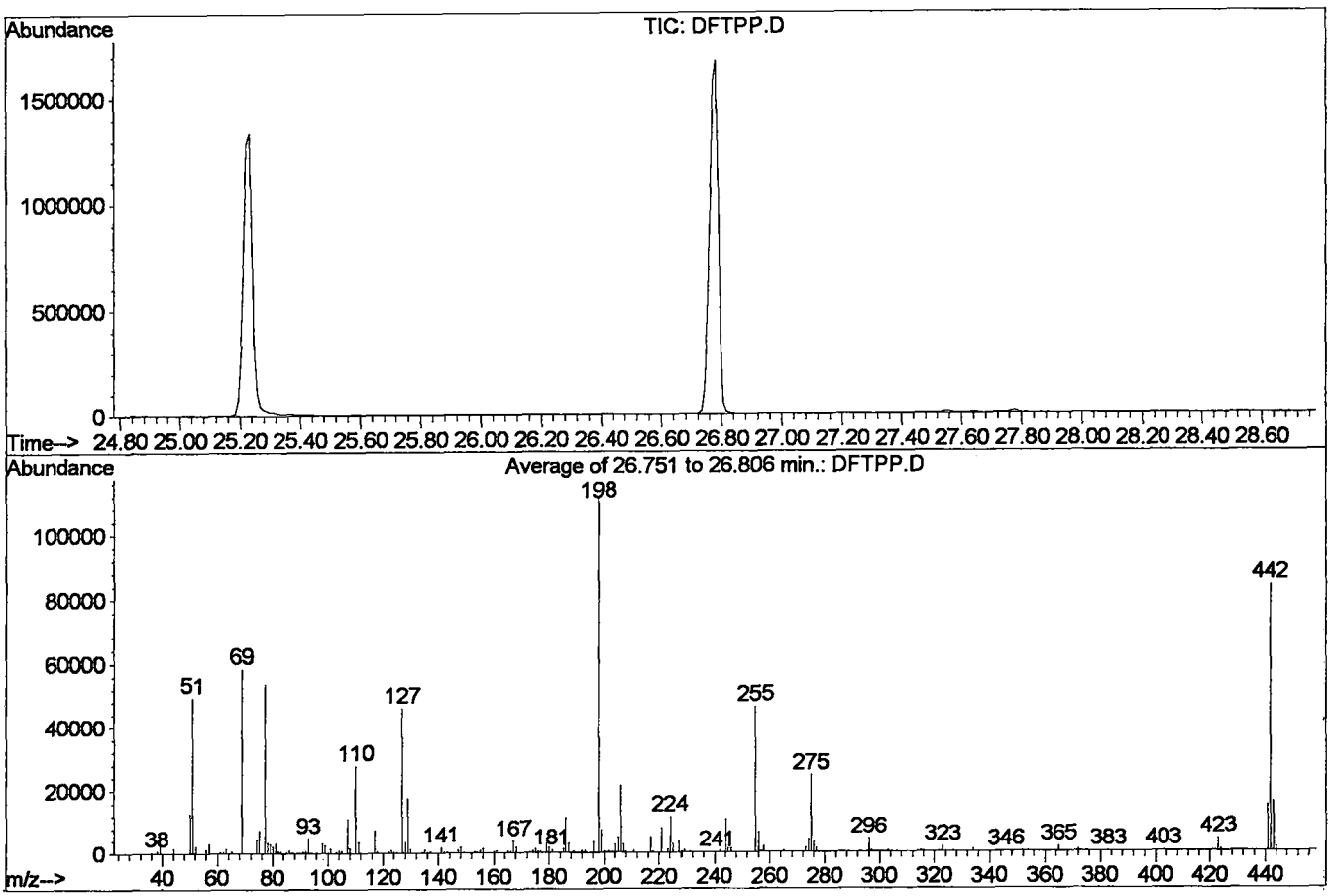
Sequence Name: C:\HPCHEM\1\SEQUENCE\MAY0302.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	42	9568	GCMS0501 GC/MS SCAN 4/23	FB
45	Sample	43	9569	GCMS0501 GC/MS SCAN 4/23	
46	Sample	44	9570	GCMS0501 GC/MS SCAN 4/23	
47	Sample	45	9571	GCMS0501 GC/MS SCAN 4/23	
48	Sample	46	9572	GCMS0501 GC/MS SCAN 4/23	FB
49	Sample	47	9574	GCMS0501 GC/MS SCAN 4/23	
50	Sample	48	9575	GCMS0501 GC/MS SCAN 4/23	
51	Sample	49	9576	GCMS0501 GC/MS SCAN 4/23	
52	Sample	50	9577	GCMS0501 GC/MS SCAN 4/23	
53	Sample	51	9578	GCMS0501 GC/MS SCAN 4/23	

DFTPP

Data File : C:\HPCHEM\1\DATA\MAY0302\DFTPP.D
Acq On : 3 May 2002 1:59 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table

Vial: 1
Operator:
Inst : 209
Multiplr: 1.00



Spectrum Information: Average of 26.751 to 26.806 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	44.1	49453	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.2	58472	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	41.2	46167	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	112038	PASS
199	198	5	9	6.7	7466	PASS
275	198	10	30	22.0	24697	PASS
365	198	1	100	1.6	1804	PASS
441	443	0.01	100	92.3	14790	PASS
442	198	40	110	75.0	83999	PASS
443	442	17	23	19.1	16025	PASS

DFTPP.D GCMS0501.M Mon May 06 13:34:09 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\CAL20.D Vial: 2
Acq On : 3 May 2002 2:58 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:31 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	521259	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1905664	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	1007460	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1418407	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	941614	40.00	ug/l	-0.02
44) Perylene-d12	37.88	264	595853	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	53531	10.91	ug/L	-0.01
Spiked Amount 10.000			Recovery = 109.10%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	279819	19.63	ug/l	99
3) bis(2-Chloroethyl)ether	11.59	93	362048	19.58	ug/l	99
4) 1,3-Dichlorobenzene	12.09	146	338309	20.83	ug/l	99
5) 1,4-Dichlorobenzene	12.24	146	371752	20.94	ug/l	100
6) 1,2-Dichlorobenzene	12.75	146	322956	20.98	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.07	45	715600	18.73	ug/l	99
8) N-Nitroso-di-n-propylamine	13.45	70	263423	19.01	ug/l	100
9) Hexachloroethane	13.60	117	132940	19.94	ug/l	97
11) Nitrobenzene	13.88	77	301067	17.35	ug/l	100
12) Isophorone	14.52	82	654125	19.44	ug/l	99
13) bis(2-Chloroethoxy)methane	15.21	93	419305	19.64	ug/l	100
14) 1,2,4-Trichlorobenzene	15.72	180	272606	21.12	ug/l	100
15) Naphthalene	15.88	128	834540	20.92	ug/l	99
16) Hexachlorobutadiene	16.43	225	124825	21.05	ug/l	99
18) Hexachlorocyclopentadiene	18.62	237	91357	17.89	ug/l	97
19) 2-Chloronaphthalene	19.39	162	458698	20.62	ug/l	97
20) Dimethylphthalate	20.48	163	578688	20.43	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	90486	14.71	ug/l	98
22) Acenaphthylene	20.67	152	840045	20.98	ug/l	100
23) Acenaphthene	21.23	153	494724	21.06	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	86955	13.18	ug/l	97
25) Diethylphthalate	22.62	149	521634	20.31	ug/l	100
26) 4-Chlorophenyl-phenylether	22.77	204	258427	21.27	ug/l	98
27) Fluorene	22.75	166	527963	21.09	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	662941	19.21	ug/L	99
31) N-Nitrosodiphenylamine	23.16	168	194756	20.71	ug/l	99
32) 4-Bromophenyl-phenylether	24.24	248	143034	20.76	ug/l	98
33) Hexachlorobenzene	24.67	284	165444	21.50	ug/l	98
34) Phenanthrene	25.64	178	718149	20.89	ug/l	100

14-24

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\CAL20.D Vial: 2
Acq On : 3 May 2002 2:58 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:31 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.78	178	738331	20.39 ug/l	99
36)	Di-n-butylphthalate	27.56	149	938655	19.97 ug/l	99
37)	Fluoranthene	29.27	202	707068	20.58 ug/l	99
39)	Pyrene	29.95	202	664533	20.43 ug/l	95
40)	Butylbenzylphthalate	32.08	149	330045	18.90 ug/l	96
41)	Benzo(a)anthracene	33.59	228	496802	19.62 ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	429230	19.10 ug/l	100
43)	Chrysene	33.72	228	499014	20.27 ug/l	99
45)	Di-n-Octylphthalate	35.60	149	597489	16.96 ug/l	100
46)	Benzo(b)fluoranthene	36.69	252	391655	18.01 ug/l	98
47)	Benzo(k)fluoranthene	36.76	252	440313	19.57 ug/l	98
48)	Benzo(a)pyrene	37.67	252	380750	19.02 ug/l	99
49)	Indeno(1,2,3-cd)pyrene	41.96	276	362994	21.54 ug/l	94
50)	Dibenz(a,h)anthracene	42.04	278	283863	21.30 ug/l	99
51)	Benzo(g,h,i)perylene	43.19	276	302280	23.43 ug/l	96

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

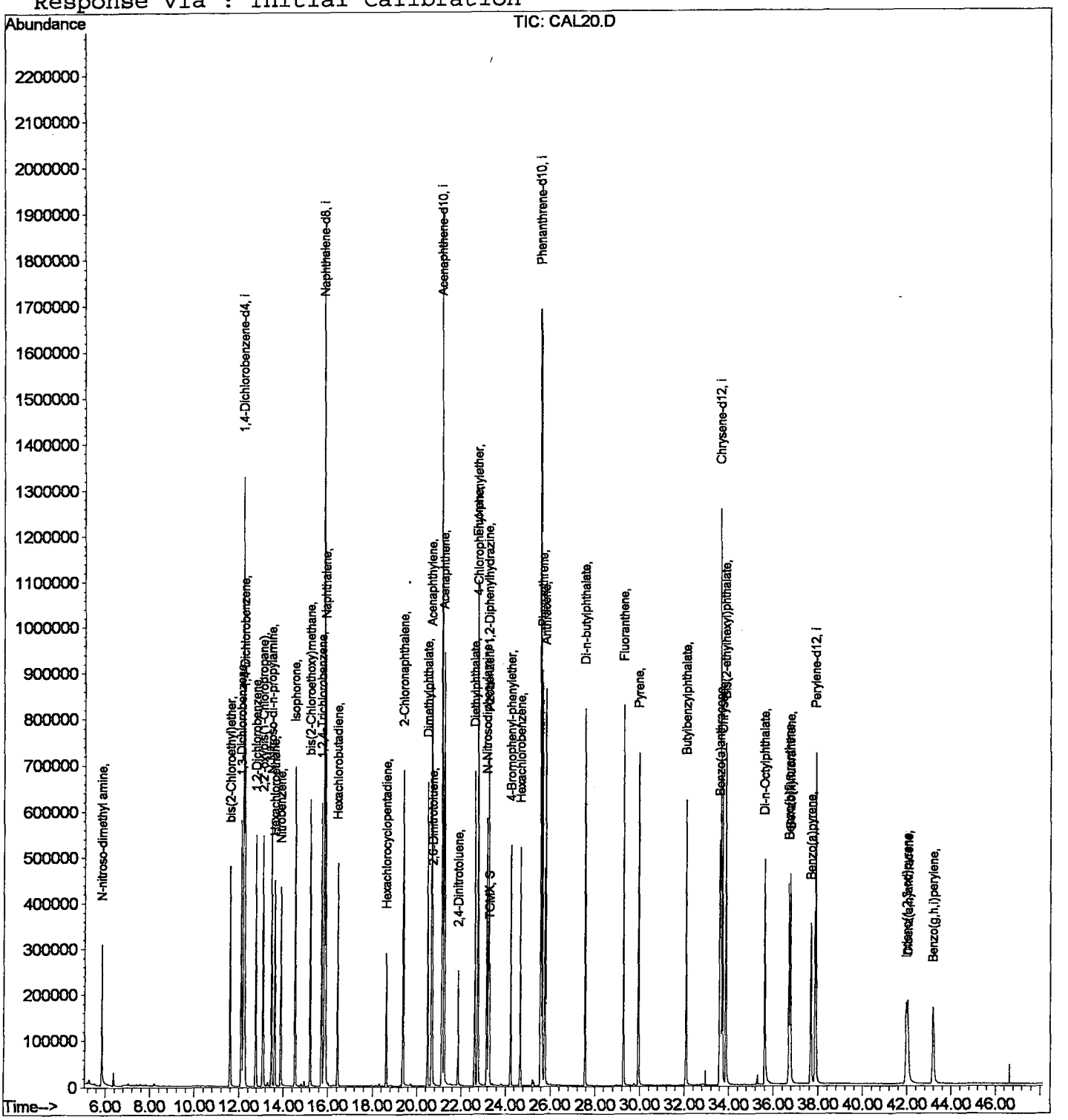
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\CAL20.D
Acq On : 3 May 2002 2:58 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 6 9:31 2002

Vial: 2
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 13:35 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	471817	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1716299	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	930194	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.57	188	1270589	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	805479	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	537882	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	4671m	1.03	ug/L	-0.02
Spiked Amount 10.000			Recovery = 10.30%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.88	128	214	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.61	149	263	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	428	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 13:35 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

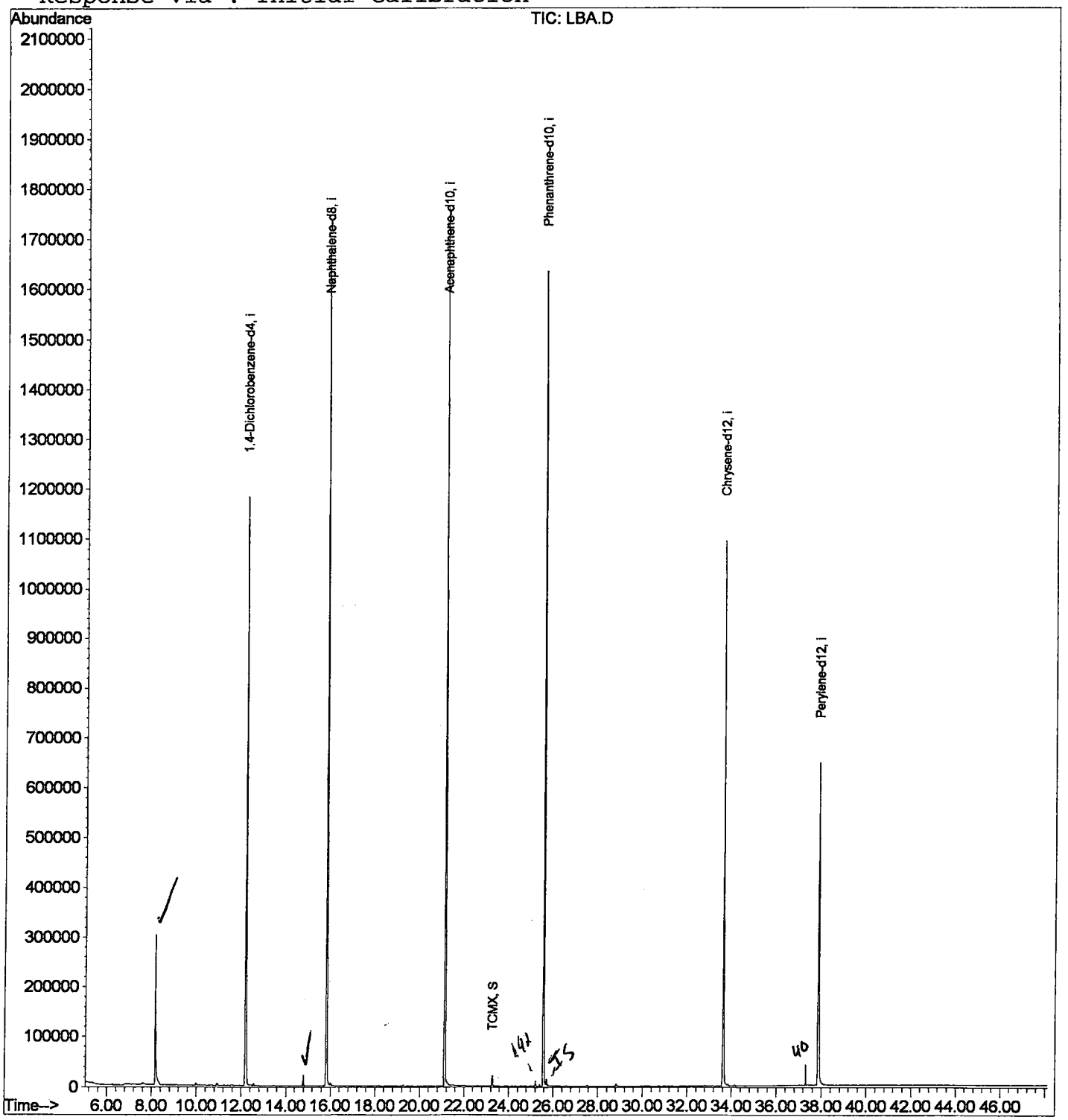
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	428	N.D.	
36)	Di-n-butylphthalate	27.55	149	2112	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1855	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2021	N.D.	
43)	Chrysene	33.64	228	1855	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.87	252	1993	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 13:35 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

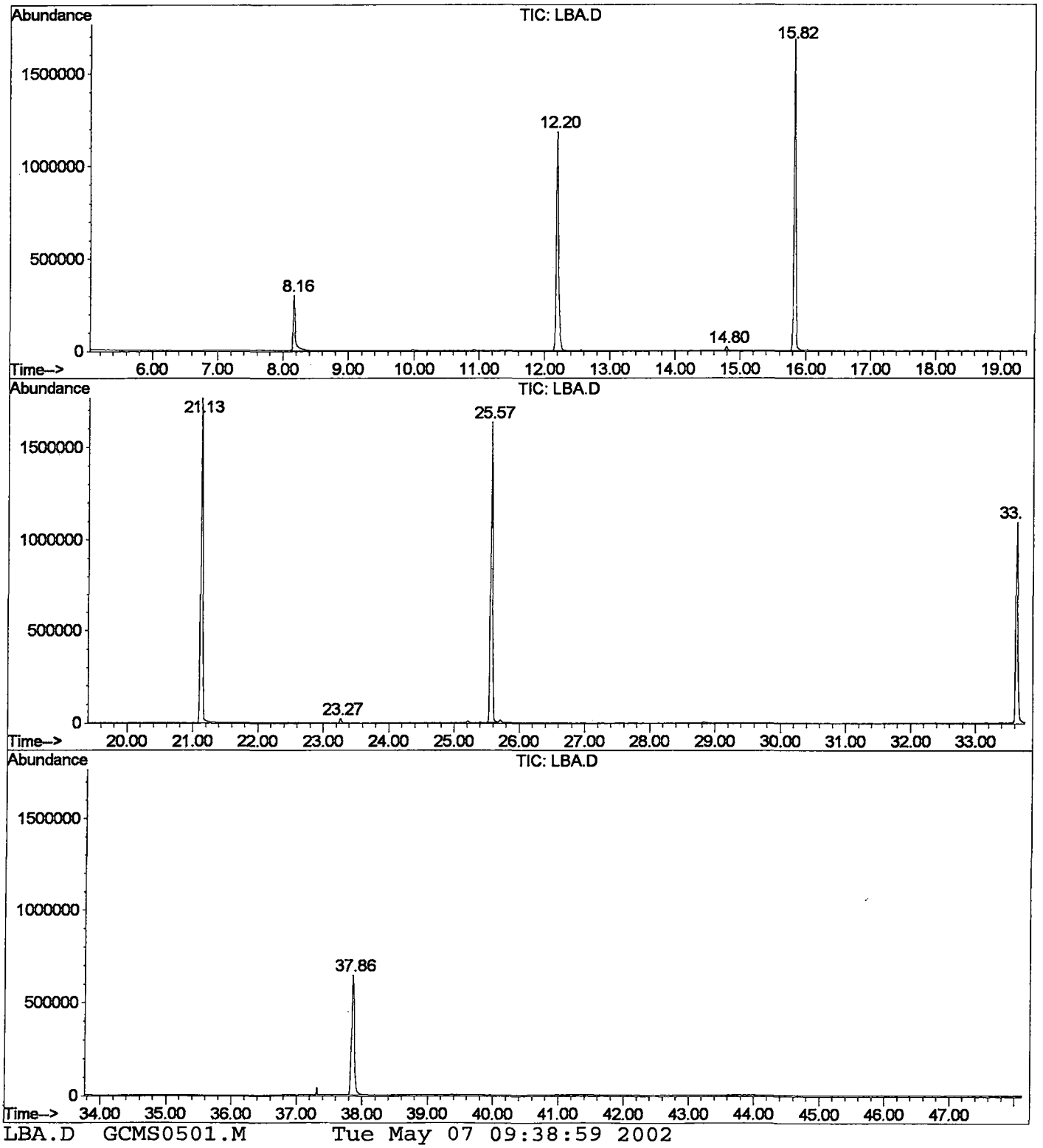
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	337	341	370	rVB	299947	684069	18.09%	3.716%
2	12.195	775	781	799	rBV	1181169	2719899	71.91%	14.776%
3	14.798	1061	1065	1069	rVB	20936	38917	1.03%	0.211%
4	15.824	1171	1177	1195	rBV	1679852	3417003	90.34%	18.563%
5	21.130	1749	1756	1773	rBV	1765531	3782339	100.00%	20.548%
6	23.274	1984	1990	1995	rBV2	20796	40242	1.06%	0.219%
7	25.574	2234	2241	2252	rBV2	1633259	3426392	90.59%	18.614%
8	33.638	3114	3121	3141	rBV	1093867	2411703	63.76%	13.102%
9	37.862	3574	3582	3602	rBV2	644683	1886878	49.89%	10.251%

Sum of corrected areas: 18407442

LBA.D GCMS0501.M Tue May 07 09:38:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\LBA.D
Operator :
Acquired : 4 May 2002 3:46 am using AcqMethod GCMS0501
Instrument : 209 .
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 15
Quant File :GCMS0501.RES (RTE Integrator)



LBA.D GCMS0501.M Tue May 07 09:38:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D
Acq On : 4 May 2002 3:46 am
Sample : GC/MS SCAN 4/22
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

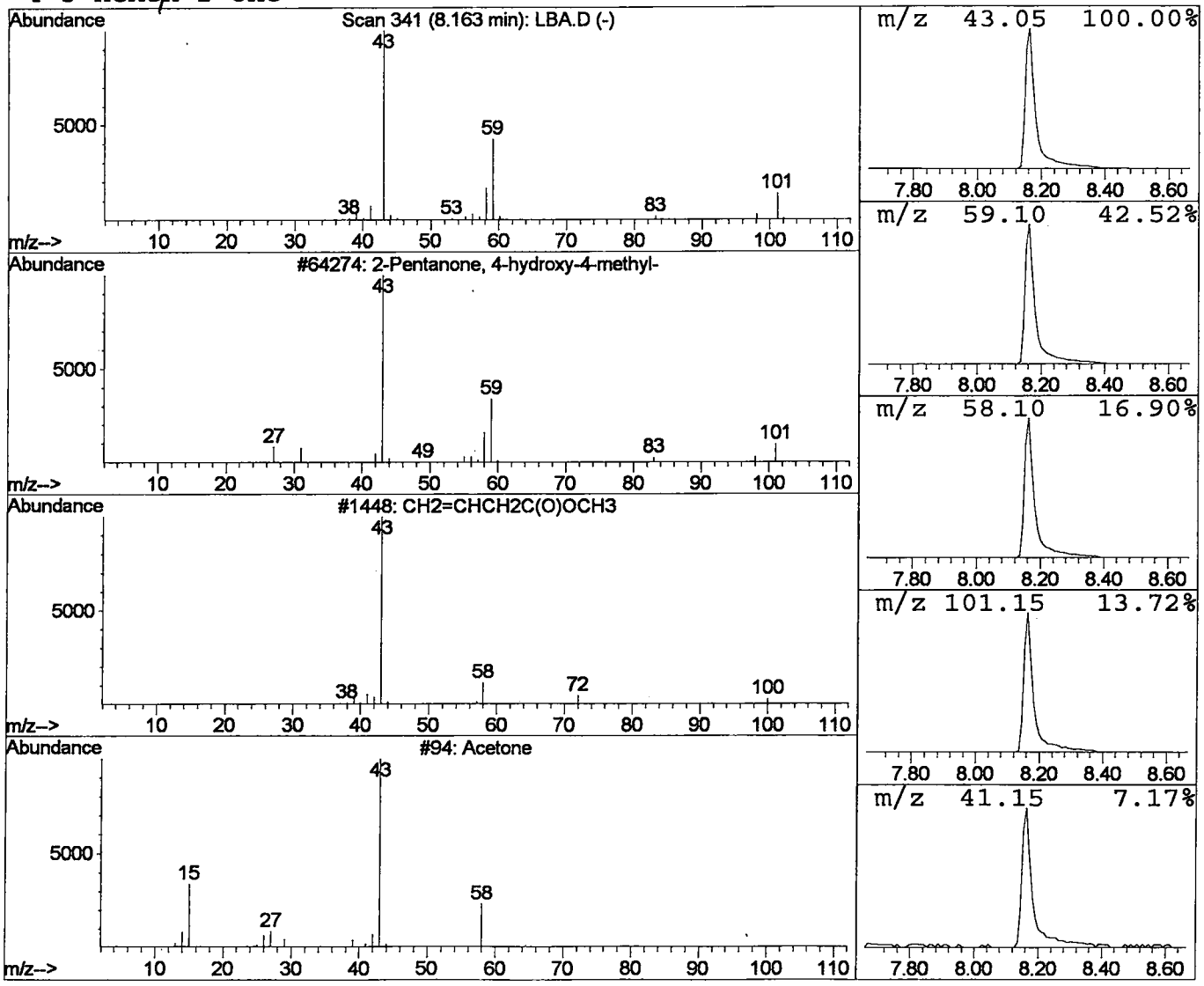
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	10.06 ug/l	684069	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

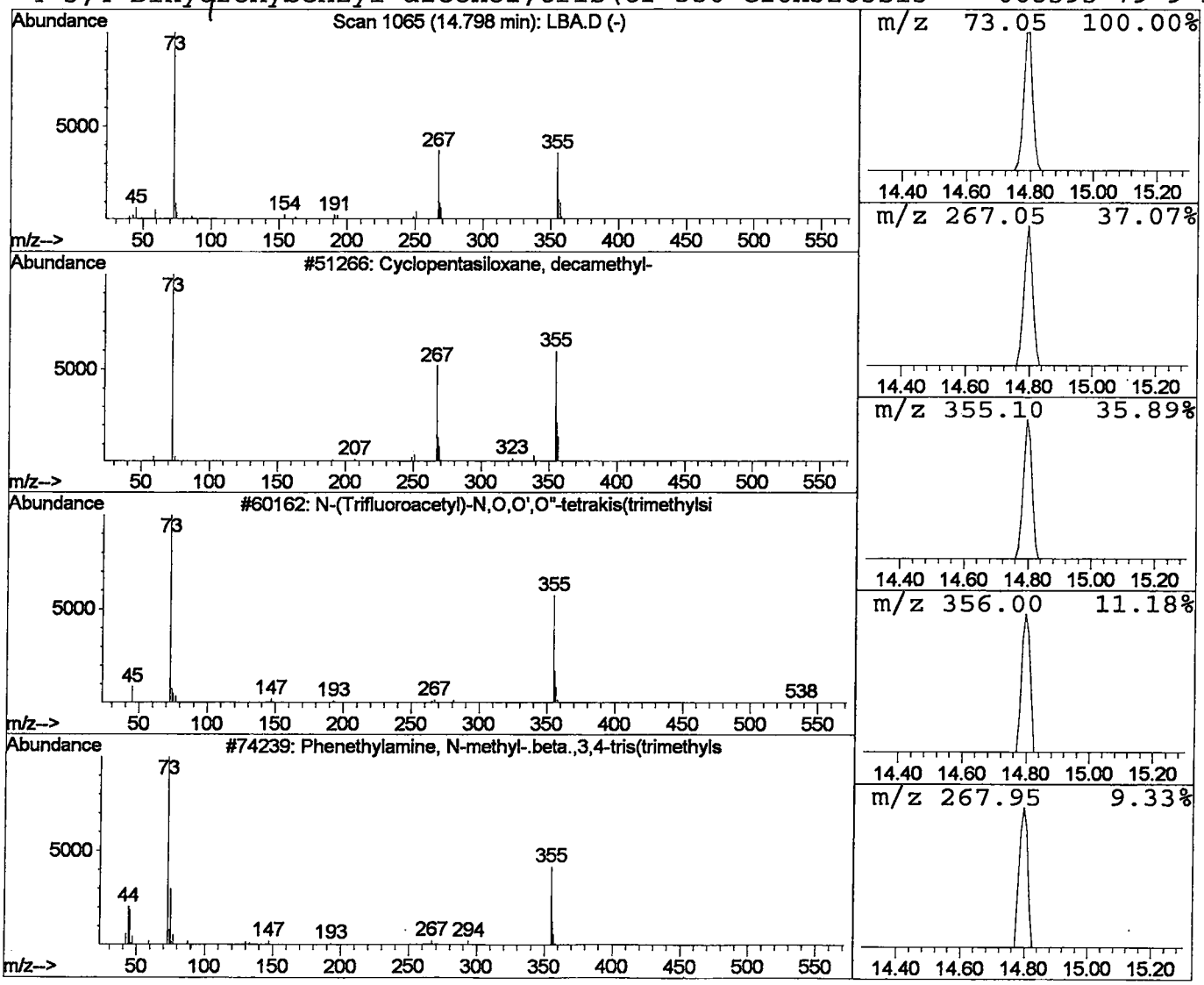
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	0.46 ug/l	38917	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\LBA.D Vial: 15
Acq On : 4 May 2002 3:46 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

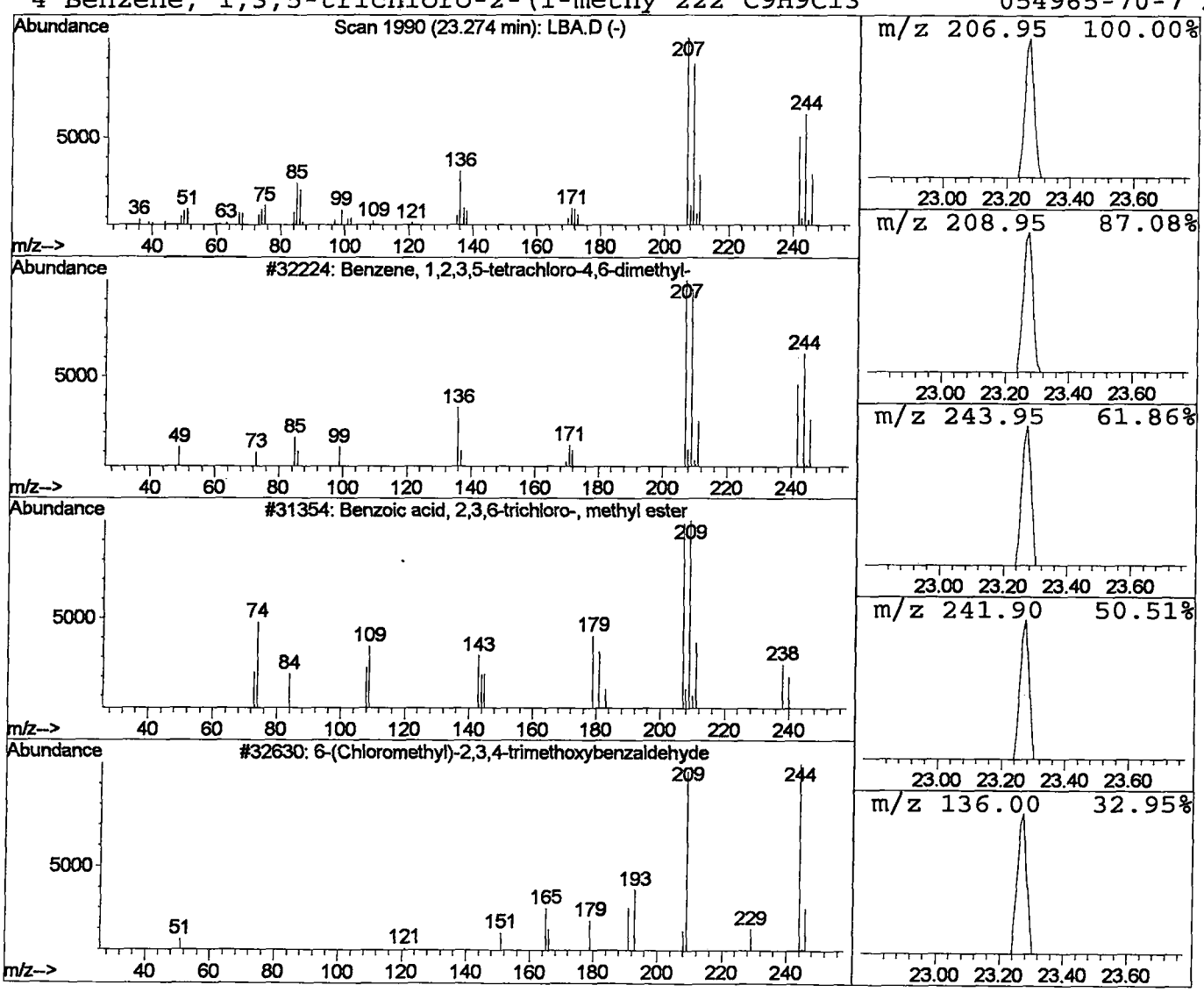
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzene, 1,2,3,5-tetrachloro-4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	0.43 ug/l	40242	Acenaphthene-d10	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-4,6-di	242	C8H6Cl4	000877-09-8	97
2	Benzoic acid, 2,3,6-trichloro-, met	238	C8H5Cl3O2	002694-06-6	38
3	6-(Chloromethyl)-2,3,4-trimethoxybe	244	C11H13ClO4	075676-80-1	30
4	Benzene, 1,3,5-trichloro-2-(1-methy	222	C9H9Cl3	054965-70-7	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 May 2002 3:46 am
Data File: C:\HPCHEM\1\DATA\MAY0302\LBA.D
Name: GC/MS SCAN 4/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	8.16	10.1	ug/l	684069	ISTD01	12.20	2719900	40.0
Cyclopentasiloxane,	14.80	0.5	ug/l	38917	ISTD02	15.82	3417000	40.0
Benzene, 1,2,3,5-tet	23.27	0.4	ug/l	40242	ISTD03	21.13	3782340	40.0

LBA.D GCMS0501.M Tue May 07 09:39:02 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA1.D Vial: 16
Acq On : 4 May 2002 4:45 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 13:40 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	543498	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1979567	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1057726	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1471994	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	969834	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	615434	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	31104	6.04	ug/L	-0.02
Spiked Amount 10.000			Recovery = 60.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	148699	10.01	ug/l	99
3) bis(2-Chloroethyl)ether	11.59	93	265856	13.79	ug/l	97
4) 1,3-Dichlorobenzene	12.09	146	130494	7.70	ug/l	96
5) 1,4-Dichlorobenzene	12.24	146	147714	7.98	ug/l	100
6) 1,2-Dichlorobenzene	12.75	146	159798	9.96	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.07	45	550859	13.83	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	206914	14.32	ug/l	99
9) Hexachloroethane	13.61	117	20505	2.95	ug/l	93
11) Nitrobenzene	13.87	77	223734	12.41	ug/l	100
12) Isophorone	14.52	82	581477	16.64	ug/l	98
13) bis(2-Chloroethoxy)methane	15.20	93	320662	14.46	ug/l	100
14) 1,2,4-Trichlorobenzene	15.71	180	130951	9.77	ug/l	99
15) Naphthalene	15.89	128	579078	13.97	ug/l	99
16) Hexachlorobutadiene	16.43	225	11387	1.85	ug/l	95
18) Hexachlorocyclopentadiene	18.63	237	9215	1.72	ug/l	97
19) 2-Chloronaphthalene	19.39	162	349480	14.96	ug/l	98
20) Dimethylphthalate	20.48	163	470760	15.83	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	73536	11.38	ug/l	99
22) Acenaphthylene	20.66	152	591869	14.08	ug/l	99
23) Acenaphthene	21.23	153	384790	15.60	ug/l	100
24) 2,4-Dinitrotoluene	21.86	165	79474	11.47	ug/l	98
25) Diethylphthalate	22.61	149	464400	17.22	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	188061	14.74	ug/l	98
27) Fluorene	22.74	166	425986	16.21	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	503042	13.88	ug/L	97
31) N-Nitrosodiphenylamine	23.15	168	161832	16.58	ug/l	99
32) 4-Bromophenyl-phenylether	24.24	248	105026	14.69	ug/l	98
33) Hexachlorobenzene	24.67	284	120195	15.05	ug/l	96
34) Phenanthrene	25.65	178	568553	15.94	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA1.D Vial: 16
Acq On : 4 May 2002 4:45 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 13:40 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.77	178	536055	14.27 ug/l	99
36) Di-n-butylphthalate	27.55	149	768238	15.75 ug/l	99
37) Fluoranthene	29.27	202	545124	15.29 ug/l	99
39) Pyrene	29.94	202	564283	16.84 ug/l	95
40) Butylbenzylphthalate	32.08	149	267499	14.87 ug/l	96
41) Benzo(a)anthracene	33.58	228	396397	15.20 ug/l	98
42) Bis(2-ethylhexyl)phthalate	33.86	149	352591	15.23 ug/l	99
43) Chrysene	33.71	228	413253	16.30 ug/l	99
45) Di-n-Octylphthalate	35.60	149	448992	12.34 ug/l	99
46) Benzo(b)fluoranthene	36.69	252	320724	14.28 ug/l	98
47) Benzo(k)fluoranthene	36.75	252	357681	15.39 ug/l	98
48) Benzo(a)pyrene	37.67	252	259672	12.56 ug/l	99
49) Indeno(1,2,3-cd)pyrene	41.95	276	263129	15.12 ug/l	97
50) Dibenz(a,h)anthracene	42.02	278	215536	15.66 ug/l	99
51) Benzo(g,h,i)perylene	43.17	276	223486	16.77 ug/l	99

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

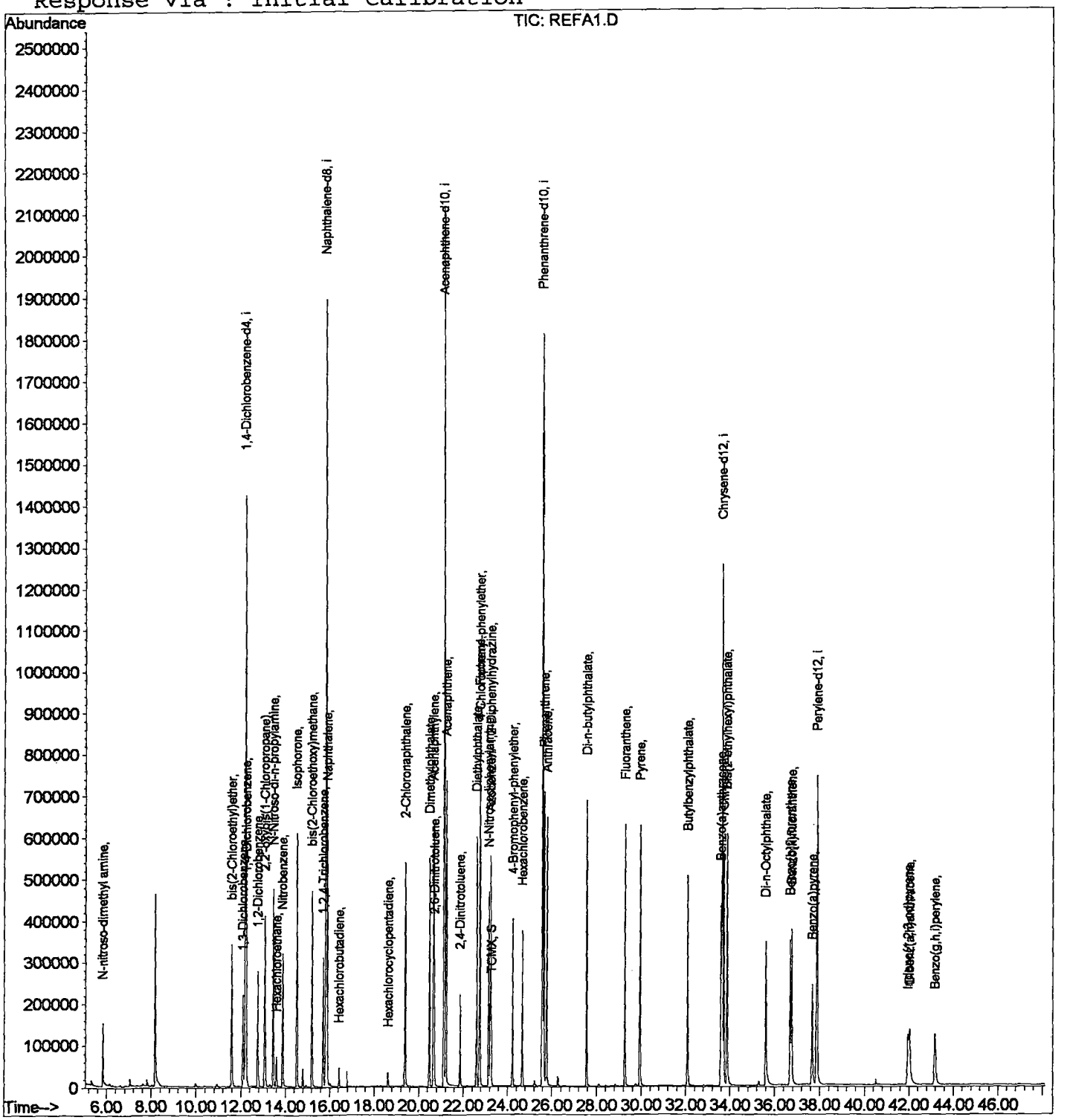
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA1.D
Acq On : 4 May 2002 4:45 am
Sample : GC/MS SCAN 4/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 6 13:40 2002

Vial: 16
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA2.D Vial: 17
Acq On : 4 May 2002 5:44 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:14 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	532796	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1957944	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1063526	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1513184	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	1083858	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	744062	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	28470	5.50	ug/L	-0.02
Spiked Amount 10.000			Recovery = 55.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	135656	9.31	ug/l	95
3) bis(2-Chloroethyl)ether	11.58	93	243568	12.89	ug/l	97
4) 1,3-Dichlorobenzene	12.10	146	119861	7.22	ug/l	97
5) 1,4-Dichlorobenzene	12.23	146	135773	7.48	ug/l	99
6) 1,2-Dichlorobenzene	12.76	146	144450	9.18	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.07	45	505381	12.94	ug/l	100
8) N-Nitroso-di-n-propylamine	13.45	70	193841	13.69	ug/l	99
9) Hexachloroethane	13.60	117	20082	2.95	ug/l	97
11) Nitrobenzene	13.87	77	208166	11.67	ug/l	98
12) Isophorone	14.52	82	537322	15.54	ug/l	100
13) bis(2-Chloroethoxy)methane	15.20	93	299919	13.67	ug/l	99
14) 1,2,4-Trichlorobenzene	15.72	180	121542	9.16	ug/l	99
15) Naphthalene	15.88	128	545796	13.31	ug/l	99
16) Hexachlorobutadiene	16.43	225	12470	2.05	ug/l	95
18) Hexachlorocyclopentadiene	18.62	237	9613	1.78	ug/l	99
19) 2-Chloronaphthalene	19.39	162	331271	14.11	ug/l	98
20) Dimethylphthalate	20.48	163	450059	15.05	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	72484	11.16	ug/l	97
22) Acenaphthylene	20.66	152	567580	13.43	ug/l	100
23) Acenaphthene	21.22	153	364926	14.72	ug/l	100
24) 2,4-Dinitrotoluene	21.86	165	80632	11.58	ug/l	97
25) Diethylphthalate	22.62	149	442024	16.30	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	177259	13.82	ug/l	98
27) Fluorene	22.74	166	406110	15.37	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	477853	13.12	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	158895	15.84	ug/l	98
32) 4-Bromophenyl-phenylether	24.24	248	100210	13.63	ug/l	98
33) Hexachlorobenzene	24.67	284	112765	13.74	ug/l	97
34) Phenanthrene	25.64	178	544164	14.84	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA2.D Vial: 17
Acq On : 4 May 2002 5:44 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:14 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.78	178	523951	13.56	ug/l	100
36)	Di-n-butylphthalate	27.55	149	744452	14.84	ug/l	100
37)	Fluoranthene	29.27	202	542351	14.80	ug/l	97
39)	Pyrene	29.94	202	560112	14.96	ug/l	98
40)	Butylbenzylphthalate	32.07	149	270915	13.48	ug/l	99
41)	Benzo(a)anthracene	33.58	228	423913	14.55	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	370342	14.32	ug/l	100
43)	Chrysene	33.71	228	440338	15.54	ug/l	98
45)	Di-n-Octylphthalate	35.60	149	497129	11.30	ug/l	99
46)	Benzo(b)fluoranthene	36.68	252	350658	12.91	ug/l	98
47)	Benzo(k)fluoranthene	36.76	252	412325	14.67	ug/l	97
48)	Benzo(a)pyrene	37.66	252	302909	12.12	ug/l	100
49)	Indeno(1,2,3-cd)pyrene	41.94	276	334694	15.90	ug/l	97
50)	Dibenz(a,h)anthracene	42.02	278	278886	16.76	ug/l	99
51)	Benzo(g,h,i)perylene	43.17	276	291343	18.08	ug/l	98

(#) = qualifier out of range (m) = manual integration
REFA2.D GCMS0501.M Tue May 07 09:31:26 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REFA2.D
Acq On : 4 May 2002 5:44 am
Sample : GC/MS SCAN 4/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 7 9:14 2002

Vial: 17
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration