User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 10:07:28

Sample: AE07111
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/27/02 10:03 Ended: 4/10/02 10:03 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		12.57		2.0
2	bis(2-Chloroethyl)ether		21.03		2.0
3	1,3-Dichlorobenzene		14.42		2.0
4	1,4-Dichlorobenzene		14.89		2.0
5	1,2-Dichlorobenzene		14.43		2.0
6	2,2-oxybis(1-Chloropropane)		23.00		2.0
7	n-Nitrosodi-n-propylamine		22.24		2.0
8	Hexachloroethane		13.70		2.0
9	Nitrobenzene		15.56		2.0
10	Isophorone		19.53		2.0
11	bis(2-Chloroethoxy)methane		21.46		2.0
12	1,2,4-Trichlorobenzene		16.87		2.0
13	Naphthalene		21.29		2.0
14	Hexachlorobutadiene		11.52		2.0
15	2-Chloronaphthalene		18.37		2.0
16	Dimethylphthalate		12.36		2.0
17	2,6-Dinitrotoluene		18.57		2.0
18	Acenaphthylene		21.34		2.0
19	Acenaphthene		22.66		2.0
20	2,4-Dinitrotoluene		14.16		2.0
21	Diethylphthalate		26.59		2.0
22	4-Chlorophenylphenylether		22.58		2.0
23	Fluorene		24.34		2.0
24	Azobenzene		21.47		2.0
25	n-Nitrosodiphenylamine		18.63		2.0
26	4-Bromophenylphenylether		21.93		2.0
27	Hexachlorobenzene		22.44		2.0
28	Phenanthrene		24.73		2.0
29	Anthracene		22.79		2.0
30	Di-n-butylphthalate		25.80		2.0
31	Fluoranthene		25.54		2.0
32	Pyrene		21.33		2.0
33	Butylbenzylphthalate		19.29		2.0
34	Benzo(a)anthracene		22.55		2.0
35	bis(2-Ethylhexyl)phthalate		26.10		2.0
36	Chrysene		25.25		2.0
37	Di-n-octylphthalate		17.39		2.0
38	Benzo(b)fluoranthene		21.91		2.0
39	Benzo(k)fluoranthene		24.12		2.0
40	Benzo(a)pyrene		19.07		2.0
41	Indeno(1,2,3-cd)pyrene		17.04		2.0
42	Dibenz(a,h)anthracene		21.17		2.0
43	Benzo(g,h,i)perylene		21.80		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 10:07:44

Sample: AE07111
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/27/02 10:03 Ended: 4/10/02 10:03 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		63		2.0
2	bis(2-Chloroethyl)ether		110		2.0
3	1,3-Dichlorobenzene		72		2.0
4	1,4-Dichlorobenzene		74		2.0
5	1,2-Dichlorobenzene		72		2.0
6	2,2-oxybis(1-Chloropropane)		120		2.0
7	n-Nitrosodi-n-propylamine		110		2.0
8	Hexachloroethane		68		2.0
9	Nitrobenzene		78		2.0
10	Isophorone		98		2.0
11	bis(2-Chloroethoxy)methane	USPEC	110		2.0
12	1,2,4-Trichlorobenzene		84		2.0
13	Naphthalene		110		2.0
14	Hexachlorobutadiene		58		2.0
15	2-Chloronaphthalene		92		2.0
16	Dimethylphthalate		62		2.0
17	2,6-Dinitrotoluene		93		2.0
18	Acenaphthylene		110		2.0
19	Acenaphthene		110		2.0
20	2,4-Dinitrotoluene		71		2.0
21	Diethylphthalate		130		2.0
22	4-Chlorophenylphenylether		110		2.0
23	Fluorene		120		2.0
24	Azobenzene		110		2.0
25	n-Nitrosodiphenylamine		93		2.0
26	4-Bromophenylphenylether		110		2.0
27	Hexachlorobenzene		110		2.0
28	Phenanthrene		120		2.0
29	Anthracene		110		2.0
30	Di-n-butylphthalate		130		2.0
31	Fluoranthene		130		2.0
32	Pyrene		110		2.0
33	Butylbenzylphthalate		96		2.0
34	Benzo(a)anthracene		110		2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	130		2.0
36	Chrysene		130		2.0
37	Di-n-octylphthalate		87		2.0
38	Benzo(b)fluoranthene		110		2.0
39	Benzo(k)fluoranthene		120		2.0
40	Benzo(a)pyrene		95		2.0
41	Indeno(1,2,3-cd)pyrene		85		2.0
42	Dibenz(a,h)anthracene		110		2.0
43	Benzo(g,h,i)perylene		110		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\REFA0410.D Vial: 13
Acq On : 10 Apr 2002 11:56 pm Operator: Bohlk
Sample : REF1 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:49:13 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	510263	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2228538	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1262072	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1823532	40.00	ug/L	-0.01
39) Chrysene-d12	30.15	240	1467616	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	962706	40.00	ug/L	-0.01
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	23837	8.92	ug/L	0.00
Spiked Amount 10.000			Recovery = 89.20%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.50	74	120346m	12.57	ug/L	
3) bis(2-chloroethyl) ether	8.84	93	295397	21.03	ug/L	81
4) 1,3 - Dichlorobenze	9.24	146	184030	14.42	ug/L	99
5) 1,4 - Dichlorobenzene	9.45	146	187621	14.89	ug/L	99
6) 1,2 - Dichlorobenzene	9.83	146	168592	14.43	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.29	45	487794	23.00	ug/L	92
8) N-Nitroso-di-n-propylamine	10.62	70	223462	22.24	ug/L	96
9) Hexachloroethane	10.72	117	66437	13.70	ug/L	92
11) Nitrobenzene	10.96	77	270997	15.56	ug/L	96
12) Isophorone	11.68	82	609231	19.53	ug/L	98
13) bis(2-Chloroethoxy) methan	12.42	93	404100	21.46	ug/L	98
14) 1,2,4-Trichlorobenzene	12.76	180	163764	16.87	ug/L	97
15) Naphthalene	12.94	128	825941	21.29	ug/L	98
16) Hexachlorobutadiene	13.39	225	55672	11.52	ug/L	95
18) Hexachlorocyclopentadiene	15.46	237	9592	2.77	ug/L	97
19) 2-chloronaphthalene	16.36	162	398655	18.37	ug/L	98
20) Dimethylphthalate	17.46	163	586666	23.36	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	101503	18.57	ug/L	99
22) Acenaphthylene	17.54	152	624738	21.34	ug/L	98
23) Acenaphthene	18.07	153	478918	22.66	ug/L	99
24) 2,4-Dinitrotoluene	18.71	165	103497	14.16	ug/L	92
25) Diethylphthalate	19.58	149	574692	26.59	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	252230	22.58	ug/L	98
27) Fluorene	19.61	166	592508	24.34	ug/L	98
29) Azobenzen/ 1,2-Diphenylhyd	20.19	77	791426	21.47	ug/L	94
31) N-Nitrosodiphenylamine	20.12	169	301993	18.63	ug/L	97
32) 4-Bromophenyl-phenyl ether	21.17	248	121872	21.93	ug/L	92
33) Hexachlorobenzene	21.19	284	121119	22.44	ug/L	84
34) Phenanthrene	22.40	178	830558	24.73	ug/L	99
35) Anthracene	22.55	178	734872	22.79	ug/L	98
36) Di-n-butylphthalate	24.50	149	992834	25.80	ug/L	99
37) Fluoranthene	25.90	202	872223	25.54	ug/L	84
40) Pyrene	26.52	202	916865	21.33	ug/L	88
41) Butylbenzylphthalate	28.90	149	382397	19.29	ug/L	87
42) Benzo (a) antracene	30.12	228	662584	22.55	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.76	149	689537	26.10	ug/L	97
44) Chrysene	30.21	228	719850	25.25	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\REFA0410.D Vial: 13
Acq On : 10 Apr 2002 11:56 pm Operator: Bohlk
Sample : REF1 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:49:13 2002 Quant Results File: 5080402BB.RES

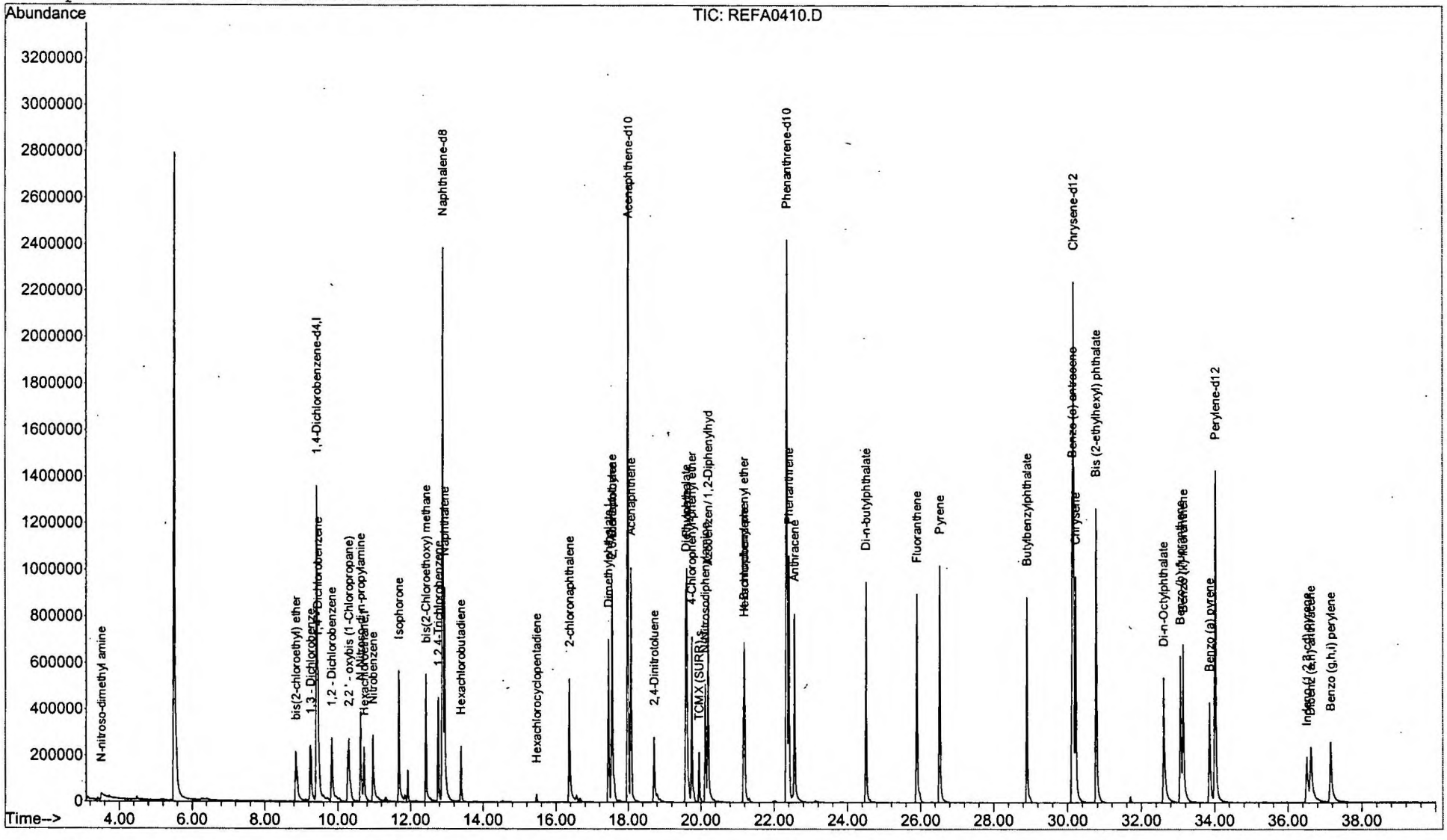
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	759767	17.39	ug/L	98
47) Benzo (b) fluoranthene	33.07	252	526947	21.91	ug/L	94
48) Benzo (k) fluoranthene	33.14	252	657648	24.12	ug/L	93
49) Benzo (a) pyrene	33.86	252	424590	19.07	ug/L	91
50) Indeno (1,2,3-cd) pyrene	36.51	276	226998	17.04	ug/L	82
51) Dibenz (a,h) anthracene	36.62	278	279423	21.17	ug/L	84
52) Benzo (g,h,i) perylene	37.16	276	315660	21.80	ug/L	79

(#) = qualifier out of range (m) = manual integration
REFA0410.D 5080402BB.M Mon Apr 15 16:50:21 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041002\REFA0410.D Vial: 13
Acq On : 10 Apr 2002 11:56 pm Operator: Bohlk
Sample : REF1 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:49 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\REFB0411.D Vial: 14
Acq On : 11 Apr 2002 12:45 am Operator: Bohlk
Sample : REF2 *3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:51:08 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	507959	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2293144	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1301267	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1857809	40.00	ug/L	-0.01
39) Chrysene-d12	30.15	240	1508089	40.00	ug/L	-0.01
45) Perylene-d12	34.02	264	986069	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	18178	6.60	ug/L	0.00
Spiked Amount 10.000			Recovery = 66.00%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.49	74	128336m	13.46	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	313894	22.45	ug/L	80
4) 1,3 - Dichlorobenze	9.25	146	137703	10.84	ug/L	98
5) 1,4 - Dichlorobenzene	9.45	146	153743	12.26	ug/L	99
6) 1,2 - Dichlorobenzene	9.82	146	152792	13.13	ug/L	97
7) 2,2 ' - oxybis (1-Chloropr	10.29	45	523867	24.81	ug/L	94
8) N-Nitroso-di-n-propylamine	10.62	70	243266	24.32	ug/L	93
9) Hexachloroethane	10.72	117	28917	5.99	ug/L	96
11) Nitrobenzene	10.96	77	290170	16.19	ug/L	98
12) Isophorone	11.68	82	631828	19.69	ug/L	98
13) bis(2-Chloroethoxy) methan	12.43	93	412561	21.29	ug/L	99
14) 1,2,4-Trichlorobenzene	12.76	180	116428	11.66	ug/L	99
15) Naphthalene	12.94	128	774317	19.40	ug/L	99
16) Hexachlorobutadiene	13.39	225	12588	2.53	ug/L	88
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	16.36	162	317408	14.19	ug/L	98
20) Dimethylphthalate	17.45	163	585885	22.62	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	102175	18.13	ug/L	97
22) Acenaphthylene	17.54	152	584336	19.36	ug/L	99
23) Acenaphthene	18.07	153	424507	19.48	ug/L	98
24) 2,4-Dinitrotoluene	18.71	165	104848	13.91	ug/L	97
25) Diethylphthalate	19.58	149	571936	25.67	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	183167	15.90	ug/L	95
27) Fluorene	19.61	166	528805	21.07	ug/L	96
29) Azobenzen/ 1,2-Diphenylhyd	20.19	77	773396	20.35	ug/L	94
31) N-Nitrosodiphenylamine	20.11	169	304986	18.47	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	104283	18.42	ug/L	92
33) Hexachlorobenzene	21.19	284	115322	20.97	ug/L	82
34) Phenanthrene	22.40	178	788648	23.05	ug/L	99
35) Anthracene	22.55	178	696579	21.21	ug/L	98
36) Di-n-butylphthalate	24.50	149	982959	25.07	ug/L	99
37) Fluoranthene	25.89	202	865450	24.87	ug/L	84
40) Pyrene	26.52	202	917812	20.78	ug/L	86
41) Butylbenzylphthalate	28.90	149	380580	18.69	ug/L	89
42) Benzo (a) antracene	30.12	228	669082	22.16	ug/L	98
43) Bis (2-ethylhexyl) phthala	30.76	149	680262	25.06	ug/L	95
44) Chrysene	30.21	228	713686	24.36	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\REFB0411.D Vial: 14
Acq On : 11 Apr 2002 12:45 am Operator: Bohlk
Sample : REF2 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:51:08 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	Di-n-Octylphthalate	32.60	149	786728	17.58	ug/L	99
47)	Benzo (b) fluoranthene	33.06	252	534098	21.68	ug/L	92
48)	Benzo (k) fluoranthene	33.14	252	636913	22.81	ug/L	93
49)	Benzo (a) pyrene	33.86	252	418631	18.36	ug/L	92
50)	Indeno (1,2,3-cd) pyrene	36.51	276	227637	16.69	ug/L	85
51)	Dibenz (a,h) anthracene	36.62	278	277075	20.49	ug/L	85
52)	Benzo (g,h,i) perylene	37.16	276	340005	22.92	ug/L	83

(#) = qualifier out of range (m) = manual integration
REFB0411.D 5080402BB.M Mon Apr 15 16:51:38 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041002\REFB0411.D Vial: 14
Acq On : 11 Apr 2002 12:45 am Operator: Bohlk
Sample : REF2 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:51 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration