User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 11:08:25

Sample: AE06585
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/20/02 10:59 Ended: 4/15/02 10:59 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		9.86		2.0
2	bis(2-Chloroethyl)ether		15.31		2.0
3	1,3-Dichlorobenzene		13.59		2.0
4	1,4-Dichlorobenzene		13.49		2.0
5	1,2-Dichlorobenzene		14.37		2.0
6	2,2-oxybis(1-Chloropropane)		18.45		2.0
7	n-Nitrosodi-n-propylamine		16.53		2.0
8	Hexachloroethane		10.93		2.0
9	Nitrobenzene		13.30		2.0
10	Isophorone		17.04		2.0
11	bis(2-Chloroethoxy)methane		15.91		2.0
12	1,2,4-Trichlorobenzene		14.55		2.0
13	Naphthalene		18.21		2.0
14	Hexachlorobutadiene		11.62		2.0
15	2-Chloronaphthalene		17.85		2.0
16	Dimethylphthalate		18.90		2.0
17	2,6-Dinitrotoluene		15.12		2.0
18	Acenaphthylene		15.26		2.0
19	Acenaphthene		19.71		2.0
20	2,4-Dinitrotoluene		12.24		2.0
21	Diethylphthalate		22.41		2.0
22	4-Chlorophenylphenylether		16.82		2.0
23	Fluorene		20.66		2.0
24	Azobenzene		17.91		2.0
25	n-Nitrosodiphenylamine		16.96		2.0
26	4-Bromophenylphenylether		16.96		2.0
27	Hexachlorobenzene		18.63		2.0
28	Phenanthrene		19.88		2.0
29	Anthracene		16.13		2.0
30	Di-n-butylphthalate		19.99		2.0
31	Fluoranthene		18.18		2.0
32	Pyrene		19.62		2.0
33	Butylbenzylphthalate		17.23		2.0
34	Benzo(a)anthracene		16.94		2.0
35	bis(2-Ethylhexyl)phthalate		18.01		2.0
36	Chrysene		19.43		2.0
37	Di-n-octylphthalate		14.93		2.0
38	Benzo(b)fluoranthene		16.71		2.0
39	Benzo(k)fluoranthene		20.20		2.0
40	Benzo(a)pyrene		12.28		2.0
41	Indeno(1,2,3-cd)pyrene		11.66		2.0
42	Dibenz(a,h)anthracene		14.67		2.0
43	Benzo(g,h,i)perylene		16.61		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 11:08:38

Sample: AE06585
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/20/02 10:59 Ended: 4/15/02 10:59 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		49		2.0
2	bis(2-Chloroethyl)ether		77		2.0
3	1,3-Dichlorobenzene		68		2.0
4	1,4-Dichlorobenzene		67		2.0
5	1,2-Dichlorobenzene		72		2.0
6	2,2-oxybis(1-Chloropropane)		92		2.0
7	n-Nitrosodi-n-propylamine		83		2.0
8	Hexachloroethane		55		2.0
9	Nitrobenzene		66		2.0
10	Isophorone		85		2.0
11	bis(2-Chloroethoxy)methane		80		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		91		2.0
14	Hexachlorobutadiene		58		2.0
15	2-Chloronaphthalene		89		2.0
16	Dimethylphthalate		94		2.0
17	2,6-Dinitrotoluene		76		2.0
18	Acenaphthylene		76		2.0
19	Acenaphthene		99		2.0
20	2,4-Dinitrotoluene		61		2.0
21	Diethylphthalate		110		2.0
22	4-Chlorophenylphenylether		84		2.0
23	Fluorene		100		2.0
24	Azobenzene		90		2.0
25	n-Nitrosodiphenylamine		85		2.0
26	4-Bromophenylphenylether		85		2.0
27	Hexachlorobenzene		93		2.0
28	Phenanthrene		99		2.0
29	Anthracene		81		2.0
30	Di-n-butylphthalate		100		2.0
31	Fluoranthene		91		2.0
32	Pyrene		98		2.0
33	Butylbenzylphthalate		86		2.0
34	Benzo(a)anthracene		85		2.0
35	bis(2-Ethylhexyl)phthalate		90		2.0
36	Chrysene		97		2.0
37	Di-n-octylphthalate		75		2.0
38	Benzo(b)fluoranthene		84		2.0
39	Benzo(k)fluoranthene		100		2.0
40	Benzo(a)pyrene		61		2.0
41	Indeno(1,2,3-cd)pyrene		58		2.0
42	Dibenz(a,h)anthracene		73		2.0
43	Benzo(g,h,i)perylene		83		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\REFA0415.D Vial: 6
Acq On : 15 Apr 2002 2:08 pm Operator: Bohlk
Sample : REF1 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:38:20 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 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	437954	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1835139	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1022827	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1462804	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1193436	40.00	ug/L	0.00
45) Perylene-d12	34.01	264	711841	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
38) 2,4-DDD (SURR)	27.28	235	109761	10.08	ug/L	0.01
Spiked Amount 10.000			Recovery =	100.80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.50	74	124917m	9.86	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	284236	15.31	ug/L	82
4) 1,3 - Dichlorobenze	9.25	146	206256	13.59	ug/L	93
5) 1,4 - Dichlorobenzene	9.45	146	219049	13.49	ug/L	98
6) 1,2 - Dichlorobenzene	9.83	146	190724	14.37	ug/L	95
7) 2,2 ' - oxybis (1-Chloropr	10.30	45	511039	18.45	ug/L	92
8) N-Nitroso-di-n-propylamine	10.62	70	218747	16.53	ug/L	95
9) Hexachloroethane	10.72	117	78950	10.93	ug/L	96
11) Nitrobenzene	10.96	77	236800	13.30	ug/L	96
12) Isophorone	11.68	82	603832	17.04	ug/L	97
13) bis(2-Chloroethoxy) methan	12.43	93	343906	15.91	ug/L	98
14) 1,2,4-Trichlorobenzene	12.77	180	172688	14.55	ug/L	98
15) Naphthalene	12.94	128	817210	18.21	ug/L	100
16) Hexachlorobutadiene	13.40	225	66512	11.62	ug/L	89
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	16.36	162	369305	17.85	ug/L	98
20) Dimethylphthalate	17.46	163	555953	18.90	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	86661	15.12	ug/L	98
22) Acenaphthylene	17.54	152	577245	15.26	ug/L	98
23) Acenaphthene	18.07	153	471496	19.71	ug/L	97
24) 2,4-Dinitrotoluene	18.71	165	84466	12.24	ug/L	97
25) Diethylphthalate	19.58	149	547332	22.41	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	227095	16.82	ug/L	97
27) Fluorene	19.61	166	570213	20.66	ug/L	100
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	760745	17.91	ug/L	95
31) N-Nitrosodiphenylamine	20.11	169	264592	16.96	ug/L	99
32) 4-Bromophenyl-phenyl ether	21.17	248	114825	16.96	ug/L	86
33) Hexachlorobenzene	21.19	284	117880	18.63	ug/L	91
34) Phenanthrene	22.40	178	805861	19.88	ug/L	100
35) Anthracene	22.55	178	666798	16.13	ug/L	99
36) Di-n-butylphthalate	24.50	149	926800	19.99	ug/L	99
37) Fluoranthene	25.90	202	781412	18.18	ug/L	83
40) Pyrene	26.53	202	882919	19.62	ug/L	88
41) Butylbenzylphthalate	28.90	149	358310	17.23	ug/L	90
42) Benzo (a) antracene	30.12	228	615855	16.94	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.77	149	531921	18.01	ug/L	97
44) Chrysene	30.21	228	699160	19.43	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\REFA0415.D Vial: 6
Acq On : 15 Apr 2002 2:08 pm Operator: Bohlk
Sample : REF1 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:38:20 2002 Quant Results File: 5080402BBC.RES

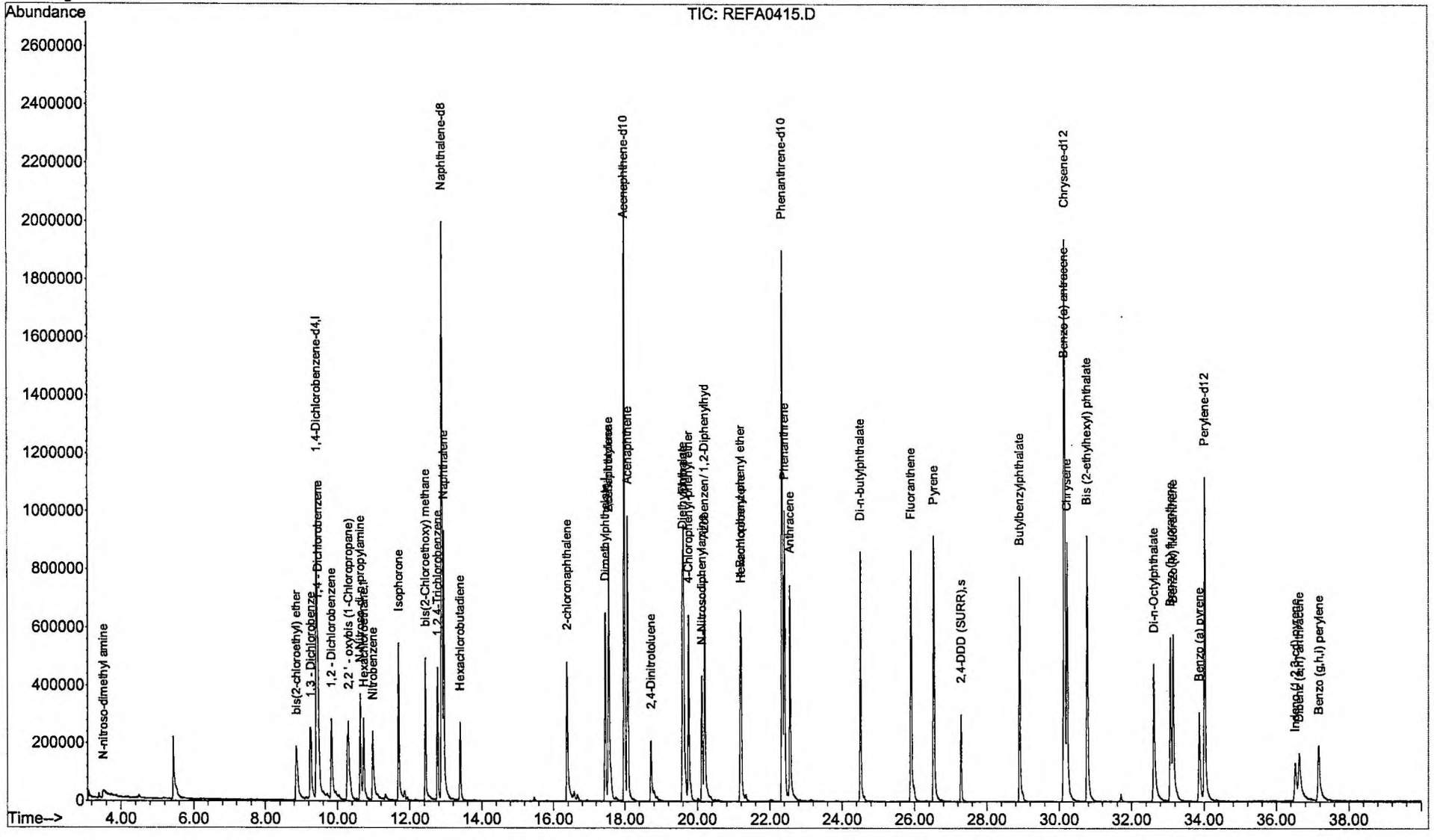
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	661067	14.93	ug/L	99
47) Benzo (b) fluoranthene	33.07	252	458137	16.71	ug/L	93
48) Benzo (k) fluoranthene	33.14	252	628121	20.20	ug/L	93
49) Benzo (a) pyrene	33.87	252	330286	12.28	ug/L	93
50) Indeno (1,2,3-cd) pyrene	36.51	276	164593	11.66	ug/L	77
51) Dibenz (a,h) anthracene	36.62	278	209524	14.67	ug/L	81
52) Benzo (g,h,i) perylene	37.16	276	250111	16.61	ug/L	72

(#) = qualifier out of range (m) = manual integration
REFA0415.D 5080402BBC.M Wed Apr 17 16:39:20 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041502\REFA0415.D Vial: 6
Acq On : 15 Apr 2002 2:08 pm Operator: Bohlk
Sample : REF1 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:38 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\REFB0415.D Vial: 7
Acq On : 15 Apr 2002 2:58 pm Operator: Bohlk
Sample : REF2 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:39:40 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 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	413175	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1787247	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	988929	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1422452	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1125234	40.00	ug/L	0.00
45) Perylene-d12	34.01	264	727498	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD (SURR)	27.27	235	113924	10.76	ug/L	0.00
Spiked Amount 10.000			Recovery = 107.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.51	74	128182m	10.73	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	275746	15.74	ug/L	83
4) 1,3 - Dichlorobenze	9.24	146	193719	13.53	ug/L	99
5) 1,4 - Dichlorobenzene	9.45	146	199658	13.03	ug/L	98
6) 1,2 - Dichlorobenzene	9.83	146	177865	14.20	ug/L	97
7) 2,2 ' - oxybis (1-Chloropr	10.30	45	502342	19.22	ug/L	91
8) N-Nitroso-di-n-propylamine	10.62	70	219834	17.60	ug/L	97
9) Hexachloroethane	10.72	117	72116	10.58	ug/L	93
11) Nitrobenzene	10.97	77	247379	14.26	ug/L	97
12) Isophorone	11.67	82	600182	17.39	ug/L	97
13) bis(2-Chloroethoxy) methan	12.43	93	348476	16.56	ug/L	96
14) 1,2,4-Trichlorobenzene	12.76	180	164217	14.20	ug/L	97
15) Naphthalene	12.94	128	820312	18.77	ug/L	100
16) Hexachlorobutadiene	13.39	225	57682	10.35	ug/L	95
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	16.36	162	385065	19.25	ug/L	99
20) Dimethylphthalate	17.46	163	554609	19.50	ug/L	98
21) 2,6-Dinitrotoluene	17.56	165	92470	16.69	ug/L	96
22) Acenaphthylene	17.54	152	597565	16.34	ug/L	98
23) Acenaphthene	18.08	153	480636	20.78	ug/L	99
24) 2,4-Dinitrotoluene	18.71	165	83096	12.45	ug/L	97
25) Diethylphthalate	19.58	149	550971	23.33	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	238201	18.24	ug/L	97
27) Fluorene	19.61	166	588879	22.07	ug/L	99
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	744776	18.14	ug/L	96
31) N-Nitrosodiphenylamine	20.12	169	290549	19.16	ug/L	99
32) 4-Bromophenyl-phenyl ether	21.17	248	127688	19.40	ug/L	93
33) Hexachlorobenzene	21.19	284	121856	19.81	ug/L	83
34) Phenanthrene	22.40	178	822167	20.86	ug/L	99
35) Anthracene	22.55	178	680649	16.93	ug/L	100
36) Di-n-butylphthalate	24.50	149	963005	21.36	ug/L	99
37) Fluoranthene	25.90	202	823116	19.69	ug/L	84
40) Pyrene	26.53	202	916143	21.59	ug/L	84
41) Butylbenzylphthalate	28.90	149	439099	22.40	ug/L	91
42) Benzo (a) antracene	30.12	228	659686	19.25	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.77	149	628555	22.58	ug/L	97
44) Chrysene	30.21	228	695541	20.50	ug/L	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\REFB0415.D Vial: 7
Acq On : 15 Apr 2002 2:58 pm Operator: Bohlk
Sample : REF2 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:39:40 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	822630	18.18	ug/L	95
47) Benzo (b) fluoranthene	33.07	252	487353	17.39	ug/L	89
48) Benzo (k) fluoranthene	33.14	252	639115	20.12	ug/L	92
49) Benzo (a) pyrene	33.86	252	380318	13.83	ug/L	88
50) Indeno (1,2,3-cd) pyrene	36.52	276	222285	15.40	ug/L	79
51) Dibenz (a,h) anthracene	36.62	278	264081	18.09	ug/L	81
52) Benzo (g,h,i) perylene	37.16	276	289926	18.83	ug/L	77

(#) = qualifier out of range (m) = manual integration
REFB0415.D 5080402BBC.M Wed Apr 17 16:40:12 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041502\REFB0415.D Vial: 7
Acq On : 15 Apr 2002 2:58 pm Operator: Bohlk
Sample : REF2 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 16:39 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration