User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:41:51

Sample: AE08936
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/15/02 14:31 Ended: 4/22/02 14:31 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		10.55		2.0
2	bis(2-Chloroethyl)ether		15.10		2.0
3	1,3-Dichlorobenzene		14.96		2.0
4	1,4-Dichlorobenzene		13.65		2.0
5	1,2-Dichlorobenzene		15.41		2.0
6	2,2-oxybis(1-Chloropropane)		19.72		2.0
7	n-Nitrosodi-n-propylamine		16.26		2.0
8	Hexachloroethane		11.46		2.0
9	Nitrobenzene		13.24		2.0
10	Isophorone		15.04		2.0
11	bis(2-Chloroethoxy)methane		15.42		2.0
12	1,2,4-Trichlorobenzene		16.18		2.0
13	Naphthalene		19.55		2.0
14	Hexachlorobutadiene		12.03		2.0
15	2-Chloronaphthalene		18.48		2.0
16	Dimethylphthalate		19.19		2.0
17	2,6-Dinitrotoluene		16.01		2.0
18	Acenaphthylene		15.65		2.0
19	Acenaphthene		20.69		2.0
20	2,4-Dinitrotoluene		11.05		2.0
21	Diethylphthalate		22.84		2.0
22	4-Chlorophenylphenylether		19.51		2.0
23	Fluorene		21.49		2.0
24	Azobenzene		17.67		2.0
25	n-Nitrosodiphenylamine		11.78		2.0
26	4-Bromophenylphenylether		18.22		2.0
27	Hexachlorobenzene		20.33		2.0
28	Phenanthrene		20.31		2.0
29	Anthracene		16.23		2.0
30	Di-n-butylphthalate		20.23		2.0
31	Fluoranthene		18.46		2.0
32	Pyrene		20.44		2.0
33	Butylbenzylphthalate		18.06		2.0
34	Benzo(a)anthracene		17.04		2.0
35	bis(2-Ethylhexyl)phthalate		17.62		2.0
36	Chrysene		19.75		2.0
37	Di-n-octylphthalate		13.47		2.0
38	Benzo(b)fluoranthene		16.55		2.0
39	Benzo(k)fluoranthene		20.87		2.0
40	Benzo(a)pyrene		12.09		2.0
41	Indeno(1,2,3-cd)pyrene		10.24		2.0
42	Dibenz(a,h)anthracene		12.81		2.0
43	Benzo(g,h,i)perylene		17.86		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:42:02

Sample: AE08936
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/15/02 14:31 Ended: 4/22/02 14:31 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		53		2.0
2	bis(2-Chloroethyl)ether		76		2.0
3	1,3-Dichlorobenzene		75		2.0
4	1,4-Dichlorobenzene		68		2.0
5	1,2-Dichlorobenzene		77		2.0
6	2,2-oxybis(1-Chloropropane)		99		2.0
7	n-Nitrosodi-n-propylamine		81		2.0
8	Hexachloroethane		57		2.0
9	Nitrobenzene		66		2.0
10	Isophorone		75		2.0
11	bis(2-Chloroethoxy)methane		77		2.0
12	1,2,4-Trichlorobenzene		81		2.0
13	Naphthalene		98		2.0
14	Hexachlorobutadiene		60		2.0
15	2-Chloronaphthalene		92		2.0
16	Dimethylphthalate		96		2.0
17	2,6-Dinitrotoluene		80		2.0
18	Acenaphthylene		78		2.0
19	Acenaphthene		100		2.0
20	2,4-Dinitrotoluene		55		2.0
21	Diethylphthalate		110		2.0
22	4-Chlorophenylphenylether		98		2.0
23	Fluorene		110		2.0
24	Azobenzene		88		2.0
25	n-Nitrosodiphenylamine		59		2.0
26	4-Bromophenylphenylether		91		2.0
27	Hexachlorobenzene		100		2.0
28	Phenanthrene		100		2.0
29	Anthracene		81		2.0
30	Di-n-butylphthalate		100		2.0
31	Fluoranthene		92		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		90		2.0
34	Benzo(a)anthracene		85		2.0
35	bis(2-Ethylhexyl)phthalate		88		2.0
36	Chrysene		99		2.0
37	Di-n-octylphthalate		67		2.0
38	Benzo(b)fluoranthene		83		2.0
39	Benzo(k)fluoranthene		100		2.0
40	Benzo(a)pyrene		60		2.0
41	Indeno(1,2,3-cd)pyrene		51		2.0
42	Dibenz(a,h)anthracene		64		2.0
43	Benzo(g,h,i)perylene		89		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\REFBB422.D Vial: 7
Acq On : 22 Apr 2002 4:03 pm Operator: Bohlk
Sample : REF2 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:29:38 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 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	399976	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1681329	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	946360	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1339356	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1074842	40.00	ug/L	0.00
45) Perylene-d12	34.01	264	630621	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.96	244	32425	8.59	ug/L	0.00
Spiked Amount 10.000			Recovery = 85.90%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.51	74	122069m	10.55	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	256011	15.10	ug/L	81
4) 1,3 - Dichlorobenze	9.25	146	207273	14.96	ug/L	96
5) 1,4 - Dichlorobenzene	9.45	146	202489	13.65	ug/L	98
6) 1,2 - Dichlorobenzene	9.83	146	186777	15.41	ug/L	96
7) 2,2 ' - oxybis (1-Chloropr	10.30	45	498829	19.72	ug/L	97
8) N-Nitroso-di-n-propylamine	10.62	70	196525	16.26	ug/L	99
9) Hexachloroethane	10.72	117	75599	11.46	ug/L	97
11) Nitrobenzene	10.97	77	216048	13.24	ug/L	99
12) Isophorone	11.68	82	488175	15.04	ug/L	99
13) bis(2-Chloroethoxy) methan	12.43	93	305343	15.42	ug/L	99
14) 1,2,4-Trichlorobenzene	12.77	180	175996	16.18	ug/L	94
15) Naphthalene	12.94	128	803889	19.55	ug/L	98
16) Hexachlorobutadiene	13.40	225	63048	12.03	ug/L	98
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	16.37	162	353879	18.48	ug/L	97
20) Dimethylphthalate	17.46	163	522406	19.19	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	84884	16.01	ug/L	97
22) Acenaphthylene	17.55	152	547675	15.65	ug/L	99
23) Acenaphthene	18.08	153	458099	20.69	ug/L	98
24) 2,4-Dinitrotoluene	18.71	165	70541	11.05	ug/L	99
25) Diethylphthalate	19.58	149	516029	22.84	ug/L	97
26) 4-Chlorophenyl-phenyl ethe	19.75	204	243798	19.51	ug/L	98
27) Fluorene	19.61	166	548916	21.49	ug/L	99
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	694319	17.67	ug/L	95
31) N-Nitrosodiphenylamine	20.12	169	168164	11.78	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	112907	18.22	ug/L	92
33) Hexachlorobenzene	21.19	284	117740	20.33	ug/L	74
34) Phenanthrene	22.40	178	753973	20.31	ug/L	99
35) Anthracene	22.55	178	614305	16.23	ug/L	99
36) Di-n-butylphthalate	24.51	149	858547	20.23	ug/L	99
37) Fluoranthene	25.90	202	726471	18.46	ug/L	85
40) Pyrene	26.53	202	828681	20.44	ug/L	89
41) Butylbenzylphthalate	28.90	149	338248	18.06	ug/L	90
42) Benzo (a) antracene	30.12	228	557649	17.04	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.77	149	468580	17.62	ug/L	97
44) Chrysene	30.21	228	640044	19.75	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\REFBB422.D Vial: 7
Acq On : 22 Apr 2002 4:03 pm Operator: Bohlk
Sample : REF2 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:29:38 2002 Quant Results File: 5080402BBC.RES

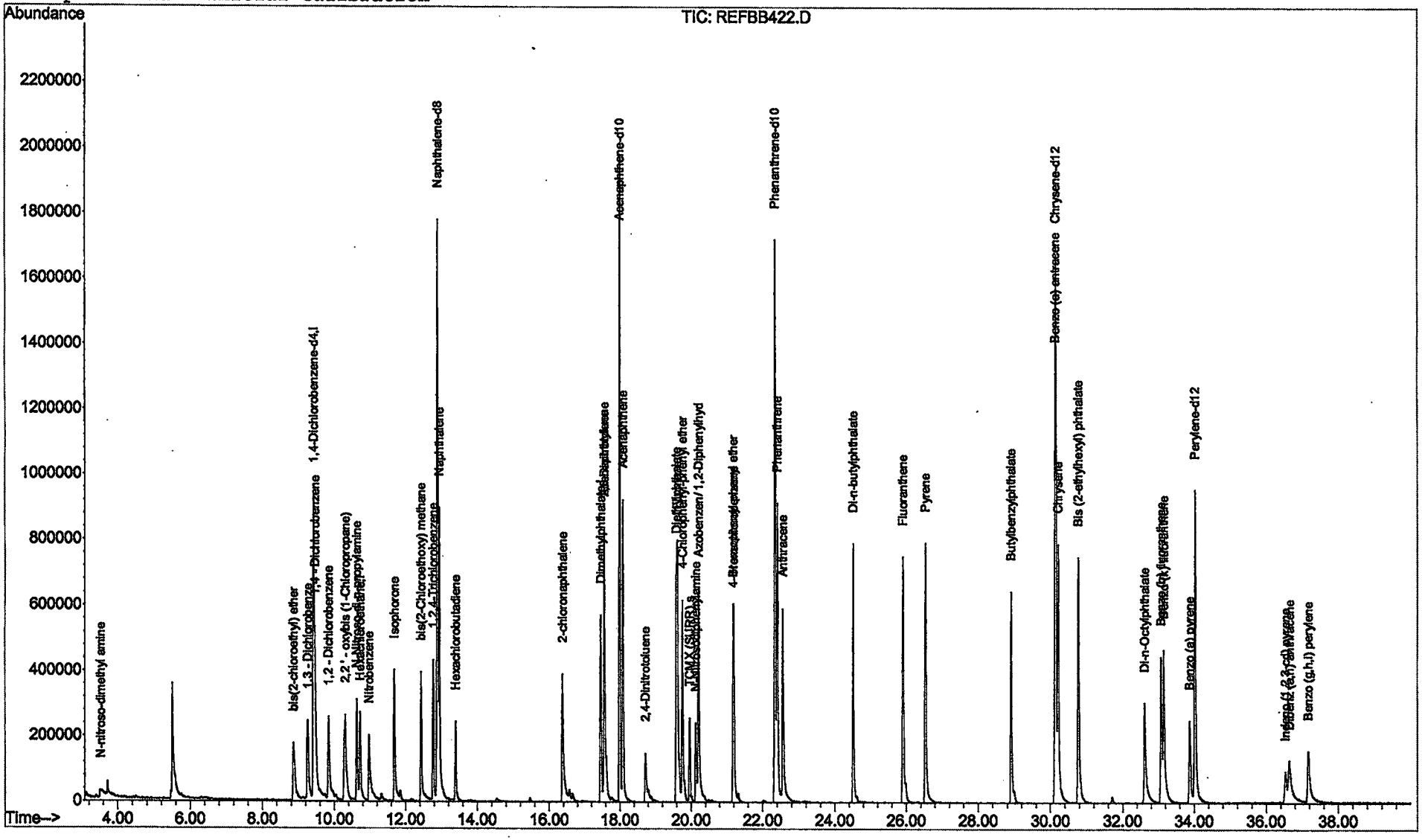
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	32.62	149	528315	13.47 ug/L	100
47) Benzo (b) fluoranthene	33.07	252	402053	16.55 ug/L	95
48) Benzo (k) fluoranthene	33.14	252	574808	20.87 ug/L	93
49) Benzo (a) pyrene	33.87	252	288149	12.09 ug/L	92
50) Indeno (1,2,3-cd) pyrene	36.52	276	128135	10.24 ug/L	88
51) Dibenz (a,h) anthracene	36.64	278	162031	12.81 ug/L	93
52) Benzo (g,h,i) perylene	37.17	276	238343	17.86 ug/L	79

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

Data File : C:\MSDCHEM\1\DATA\042202\REFBB422.D Vial: 7
Acq On : 22 Apr 2002 4:03 pm Operator: Bohlk
Sample : REF2 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:30 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\REFAA422.D Vial: 6
Acq On : 22 Apr 2002 3:12 pm Operator: Bohlk
Sample : REF1 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:28:42 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 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	526557	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2221442	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1233178	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1769839	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1400515	40.00	ug/L	0.00
45) Perylene-d12	34.02	264	854522	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	41050	8.34	ug/L	0.00
Spiked Amount 10.000			Recovery = 83.40%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.50	74	160935m	10.57	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	381315	17.08	ug/L	82
4) 1,3 - Dichlorobenze	9.25	146	260835	14.30	ug/L	99
5) 1,4 - Dichlorobenzene	9.45	146	272015	13.93	ug/L	98
6) 1,2 - Dichlorobenzene	9.83	146	243918	15.28	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.29	45	672419	20.19	ug/L	92
8) N-Nitroso-di-n-propylamine	10.62	70	277374	17.43	ug/L	96
9) Hexachloroethane	10.72	117	101524	11.69	ug/L	94
11) Nitrobenzene	10.97	77	327951	15.21	ug/L	99
12) Isophorone	11.68	82	647456	15.10	ug/L	98
13) bis(2-Chloroethoxy) methan	12.43	93	429115	16.40	ug/L	100
14) 1,2,4-Trichlorobenzene	12.76	180	218803	15.22	ug/L	96
15) Naphthalene	12.94	128	1059759	19.51	ug/L	99
16) Hexachlorobutadiene	13.40	225	82987	11.98	ug/L	94
18) Hexachlorocyclopentadiene	15.46	237	8234	1.43	ug/L	72
19) 2-chloronaphthalene	16.36	162	491095	19.69	ug/L	98
20) Dimethylphthalate	17.46	163	690777	19.48	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	108713	15.74	ug/L	92
22) Acenaphthylene	17.55	152	738146	16.18	ug/L	99
23) Acenaphthene	18.08	153	588757	20.41	ug/L	99
24) 2,4-Dinitrotoluene	18.71	165	107379	12.90	ug/L	98
25) Diethylphthalate	19.58	149	673943	22.89	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.75	204	314570	19.32	ug/L	98
27) Fluorene	19.61	166	720228	21.64	ug/L	99
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	909513	17.76	ug/L	95
31) N-Nitrosodiphenylamine	20.12	169	310158	16.44	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	150087	18.33	ug/L	93
33) Hexachlorobenzene	21.20	284	152905	19.98	ug/L	86
34) Phenanthrene	22.40	178	993904	20.26	ug/L	99
35) Anthracene	22.55	178	788134	15.75	ug/L	98
36) Di-n-butylphthalate	24.51	149	1144841	20.41	ug/L	99
37) Fluoranthene	25.90	202	975520	18.75	ug/L	86
40) Pyrene	26.53	202	1090551	20.65	ug/L	89
41) Butylbenzylphthalate	28.90	149	449636	18.43	ug/L	85
42) Benzo (a) antracene	30.12	228	739982	17.35	ug/L	100
43) Bis (2-ethylhexyl) phthala	30.77	149	624977	18.04	ug/L	98
44) Chrysene	30.22	228	830399	19.67	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\REFAA422.D Vial: 6
Acq On : 22 Apr 2002 3:12 pm Operator: Bohlk
Sample : REF1 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:28:42 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	743795	13.99 ug/L	98
47) Benzo (b) fluoranthene	33.07	252	554889	16.86 ug/L	94
48) Benzo (k) fluoranthene	33.14	252	711974	19.08 ug/L	92
49) Benzo (a) pyrene	33.87	252	413357	12.80 ug/L	93
50) Indeno (1,2,3-cd) pyrene	36.52	276	204609	12.07 ug/L	88
51) Dibenz (a,h) anthracene	36.63	278	273953	15.98 ug/L	84
52) Benzo (g,h,i) perylene	37.16	276	336116	18.59 ug/L	76

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

Data File : C:\MSDCHEM\1\DATA\042202\REFAA422.D Vial: 6
Acq On : 22 Apr 2002 3:12 pm Operator: Bohlk
Sample : REF1 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:29 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration