User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 10:48:41

Sample: AE07416
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/29/02 10:37 Ended: 4/19/02 10:37 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.85		2.0
2	bis(2-Chloroethyl)ether		13.42		2.0
3	1,3-Dichlorobenzene		15.26		2.0
4	1,4-Dichlorobenzene		14.54		2.0
5	1,2-Dichlorobenzene		14.54		2.0
6	2,2-oxybis(1-Chloropropane)		17.99		2.0
7	n-Nitrosodi-n-propylamine		14.92		2.0
8	Hexachloroethane		14.58		2.0
9	Nitrobenzene		11.90		2.0
10	Isophorone		15.65		2.0
11	bis(2-Chloroethoxy)methane		13.80		2.0
12	1,2,4-Trichlorobenzene		15.67		2.0
13	Naphthalene		18.49		2.0
14	Hexachlorobutadiene		17.49		2.0
15	2-Chloronaphthalene		17.80		2.0
16	Dimethylphthalate		18.70		2.0
17	2,6-Dinitrotoluene		14.46		2.0
18	Acenaphthylene		15.31		2.0
19	Acenaphthene		19.67		2.0
20	2,4-Dinitrotoluene		10.68		2.0
21	Diethylphthalate		22.27		2.0
22	4-Chlorophenylphenylether		18.53		2.0
23	Fluorene		20.62		2.0
24	Azobenzene		17.19		2.0
25	n-Nitrosodiphenylamine		17.49		2.0
26	4-Bromophenylphenylether		18.20		2.0
27	Hexachlorobenzene		20.04		2.0
28	Phenanthrene		20.49		2.0
29	Anthracene		16.68		2.0
30	Di-n-butylphthalate		22.24		2.0
31	Fluoranthene		18.43		2.0
32	Pyrene		20.70		2.0
33	Butylbenzylphthalate		16.92		2.0
34	Benzo(a)anthracene		17.23		2.0
35	bis(2-Ethylhexyl)phthalate		17.90		2.0
36	Chrysene		19.57		2.0
37	Di-n-octylphthalate		14.69		2.0
38	Benzo(b)fluoranthene		16.71		2.0
39	Benzo(k)fluoranthene		21.50		2.0
40	Benzo(a)pyrene		13.99		2.0
41	Indeno(1,2,3-cd)pyrene		12.66		2.0
42	Dibenz(a,h)anthracene		14.14		2.0
43	Benzo(g,h,i)perylene		18.79		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 10:48:54

Sample: AE07416
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/29/02 10:37 Ended: 4/19/02 10:37 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		44		2.0
2	bis(2-Chloroethyl)ether		67		2.0
3	1,3-Dichlorobenzene		76		2.0
4	1,4-Dichlorobenzene		73		2.0
5	1,2-Dichlorobenzene		73		2.0
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		75		2.0
8	Hexachloroethane		73		2.0
9	Nitrobenzene		60		2.0
10	Isophorone		78		2.0
11	bis(2-Chloroethoxy)methane		69		2.0
12	1,2,4-Trichlorobenzene		78		2.0
13	Naphthalene		92		2.0
14	Hexachlorobutadiene	USPEC	87		2.0
15	2-Chloronaphthalene		89		2.0
16	Dimethylphthalate		94		2.0
17	2,6-Dinitrotoluene		72		2.0
18	Acenaphthylene		77		2.0
19	Acenaphthene		98		2.0
20	2,4-Dinitrotoluene		53		2.0
21	Diethylphthalate		110		2.0
22	4-Chlorophenylphenylether		93		2.0
23	Fluorene		100		2.0
24	Azobenzene		86		2.0
25	n-Nitrosodiphenylamine		87		2.0
26	4-Bromophenylphenylether		91		2.0
27	Hexachlorobenzene		100		2.0
28	Phenanthrene		100		2.0
29	Anthracene		83		2.0
30	Di-n-butylphthalate		110		2.0
31	Fluoranthene		92		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		85		2.0
34	Benzo(a)anthracene		86		2.0
35	bis(2-Ethylhexyl)phthalate		90		2.0
36	Chrysene		98		2.0
37	Di-n-octylphthalate		73		2.0
38	Benzo(b)fluoranthene		84		2.0
39	Benzo(k)fluoranthene		110		2.0
40	Benzo(a)pyrene		70		2.0
41	Indeno(1,2,3-cd)pyrene		63		2.0
42	Dibenz(a,h)anthracene		71		2.0
43	Benzo(g,h,i)perylene		94		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\REFA0419.D Vial: 6
Acq On : 19 Apr 2002 4:41 pm Operator: Bohlk
Sample : REF1 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 09:25:42 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 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	426769	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1833083	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1029586	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1416068	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1136002	40.00	ug/L	0.00
45) Perylene-d12	34.02	264	681967	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.96	244	26367	6.42	ug/L	0.00
Spiked Amount 5.000			Recovery = 128.40%			
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	3.51	74	109213m	8.85	ug/L	
3) bis(2-chloroethyl) ether	8.86	93	242823	13.42	ug/L	82
4) 1,3 - Dichlorobenze	9.25	146	225616	15.26	ug/L	97
5) 1,4 - Dichlorobenzene	9.45	146	230102	14.54	ug/L	98
6) 1,2 - Dichlorobenzene	9.83	146	188123	14.54	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.30	45	485686	17.99	ug/L	93
8) N-Nitroso-di-n-propylamine	10.62	70	192414	14.92	ug/L	93
9) Hexachloroethane	10.72	117	102622	14.58	ug/L	97
11) Nitrobenzene	10.97	77	211649	11.90	ug/L	96
12) Isophorone	11.68	82	553843	15.65	ug/L	99
13) bis(2-Chloroethoxy) methan	12.43	93	297967	13.80	ug/L	99
14) 1,2,4-Trichlorobenzene	12.77	180	185804	15.67	ug/L	99
15) Naphthalene	12.94	128	829007	18.49	ug/L	98
16) Hexachlorobutadiene	13.40	225	99980	17.49	ug/L	98
18) Hexachlorocyclopentadiene	15.48	237	15980	3.32	ug/L	91
19) 2-chloronaphthalene	16.37	162	370632	17.80	ug/L	97
20) Dimethylphthalate	17.46	163	553815	18.70	ug/L	97
21) 2,6-Dinitrotoluene	17.56	165	83387	14.46	ug/L	95
22) Acenaphthylene	17.55	152	582989	15.31	ug/L	99
23) Acenaphthene	18.08	153	473794	19.67	ug/L	97
24) 2,4-Dinitrotoluene	18.72	165	74185	10.68	ug/L	97
25) Diethylphthalate	19.58	149	547587	22.27	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.75	204	251905	18.53	ug/L	100
27) Fluorene	19.61	166	573042	20.62	ug/L	97
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	735061	17.19	ug/L	95
31) N-Nitrosodiphenylamine	20.12	169	264017	17.49	ug/L	97
32) 4-Bromophenyl-phenyl ether	21.17	248	119278	18.20	ug/L	89
33) Hexachlorobenzene	21.19	284	122737	20.04	ug/L	86
34) Phenanthrene	22.40	178	803898	20.49	ug/L	99
35) Anthracene	22.55	178	667708	16.68	ug/L	98
36) Di-n-butylphthalate	24.51	149	997977	22.24	ug/L	98
37) Fluoranthene	25.90	202	767146	18.43	ug/L	84
40) Pyrene	26.53	202	886665	20.70	ug/L	89
41) Butylbenzylphthalate	28.90	149	334800	16.92	ug/L	86
42) Benzo (a) antracene	30.13	228	596174	17.23	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.77	149	503099	17.90	ug/L	97
44) Chrysene	30.22	228	670239	19.57	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\REFA0419.D Vial: 6
Acq On : 19 Apr 2002 4:41 pm Operator: Bohlk
Sample : REF1 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 09:25:42 2002 Quant Results File: 5080402BBC.RES

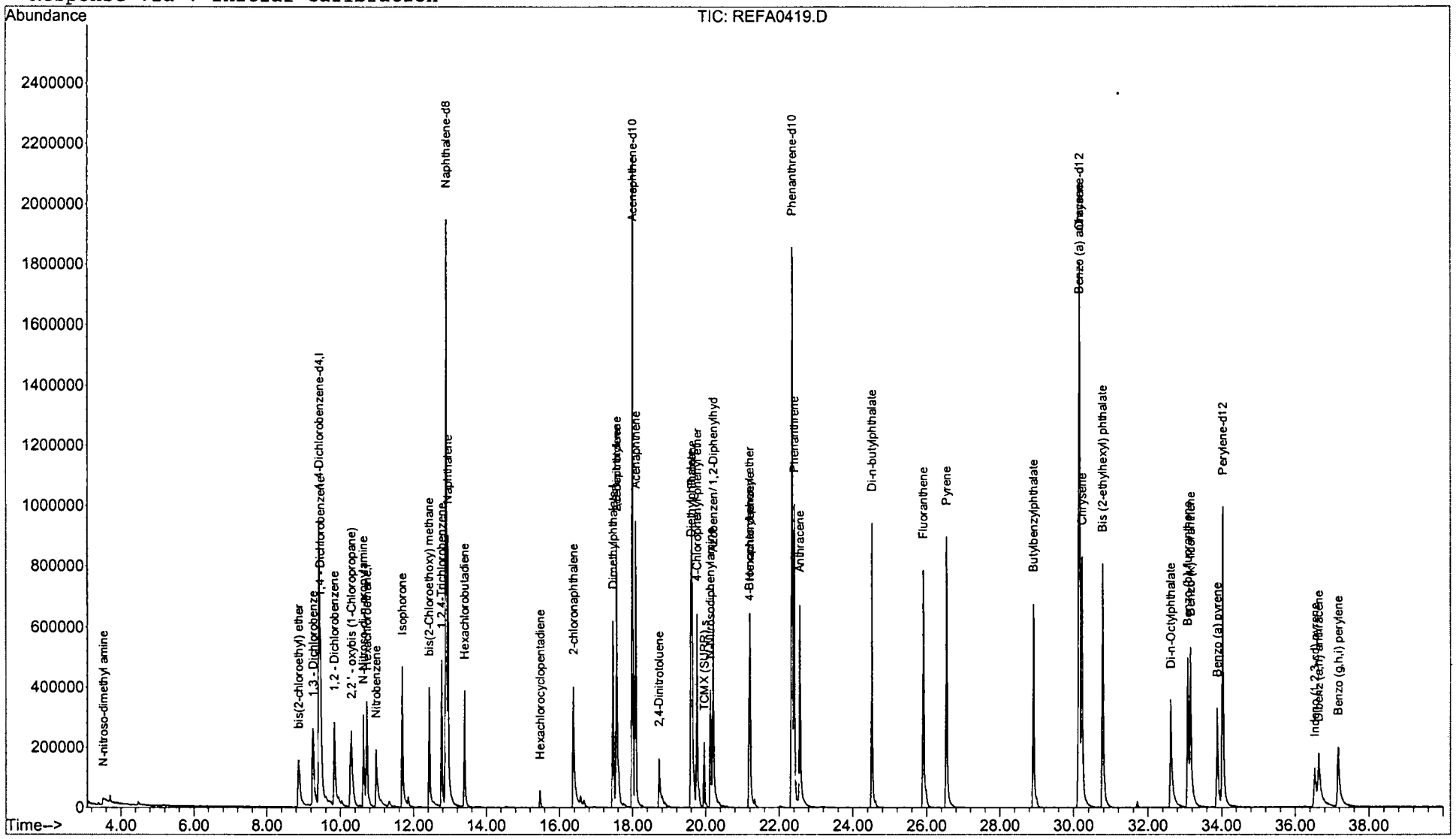
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	623173	14.69 ug/L	99
47) Benzo (b) fluoranthene	33.07	252	439093	16.71 ug/L	94
48) Benzo (k) fluoranthene	33.14	252	640483	21.50 ug/L	94
49) Benzo (a) pyrene	33.87	252	360519	13.99 ug/L	87
50) Indeno (1,2,3-cd) pyrene	36.52	276	171305	12.66 ug/L	88
51) Dibenz (a,h) anthracene	36.63	278	193500	14.14 ug/L	84
52) Benzo (g,h,i) perylene	37.17	276	271075	18.79 ug/L	80

(#) = qualifier out of range (m) = manual integration
REFA0419.D 5080402BBC.M Fri Apr 26 09:26:52 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041902\REFA0419.D Vial: 6
Acq On : 19 Apr 2002 4:41 pm Operator: Bohlk
Sample : REF1 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 9:26 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\REFBB419.D Vial: 7
Acq On : 19 Apr 2002 6:28 pm Operator: Bohlk
Sample : REF2 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 09:27:37 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 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	417556	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1813657	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1011114	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1416181	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1109590	40.00	ug/L	0.00
45) Perylene-d12	34.01	264	749498	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	21585	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
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	3.55	74	75657m	6.27	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	197203	11.14	ug/L	87
4) 1,3 - Dichlorobenze	9.25	146	180381	12.47	ug/L	97
5) 1,4 - Dichlorobenzene	9.45	146	184670	11.93	ug/L	95
6) 1,2 - Dichlorobenzene	9.83	146	153249	12.11	ug/L	96
7) 2,2 ' - oxybis (1-Chloropr	10.30	45	391713	14.83	ug/L	92
8) N-Nitroso-di-n-propylamine	10.63	70	144481	11.45	ug/L	93
9) Hexachloroethane	10.72	117	82474	11.98	ug/L	92
11) Nitrobenzene	10.97	77	157709	8.96	ug/L	98
12) Isophorone	11.68	82	456688	13.04	ug/L	98
13) bis(2-Chloroethoxy) methan	12.43	93	244207	11.43	ug/L	96
14) 1,2,4-Trichlorobenzene	12.76	180	150682	12.84	ug/L	99
15) Naphthalene	12.94	128	671928	15.15	ug/L	98
16) Hexachlorobutadiene	13.40	225	79358	14.03	ug/L	85
18) Hexachlorocyclopentadiene	15.46	237	10338	2.18	ug/L	82
19) 2-chloronaphthalene	16.37	162	274342	13.41	ug/L	95
20) Dimethylphthalate	17.46	163	469401	16.14	ug/L	98
21) 2,6-Dinitrotoluene	17.56	165	68081	12.02	ug/L	93
22) Acenaphthylene	17.55	152	450913	12.06	ug/L	98
23) Acenaphthene	18.07	153	397787	16.82	ug/L	99
24) 2,4-Dinitrotoluene	18.72	165	57470	8.42	ug/L	97
25) Diethylphthalate	19.58	149	468258	19.39	ug/L	97
26) 4-Chlorophenyl-phenyl ethe	19.75	204	213368	15.98	ug/L	99
27) Fluorene	19.61	166	471244	17.27	ug/L	94
29) Azobenzen/ 1,2-Diphenylhyd	20.20	77	617870	14.72	ug/L	94
31) N-Nitrosodiphenylamine	20.12	169	201834	13.37	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	98777	15.07	ug/L	95
33) Hexachlorobenzene	21.19	284	108121	17.65	ug/L	81
34) Phenanthrene	22.40	178	672461	17.13	ug/L	99
35) Anthracene	22.55	178	575314	14.37	ug/L	99
36) Di-n-butylphthalate	24.51	149	758673	16.91	ug/L	99
37) Fluoranthene	25.90	202	693027	16.65	ug/L	87
40) Pyrene	26.53	202	731809	17.49	ug/L	85
41) Butylbenzylphthalate	28.90	149	268331	13.88	ug/L	86
42) Benzo (a) antracene	30.12	228	491323	14.54	ug/L	99
43) Bis (2-ethylhexyl) phthala	30.77	149	422033	15.37	ug/L	97
44) Chrysene	30.21	228	546438	16.34	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\REFBB419.D Vial: 7
Acq On : 19 Apr 2002 6:28 pm Operator: Bohlk
Sample : REF2 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 09:27:37 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	471173	10.11 ug/L	98
47) Benzo (b) fluoranthene	33.07	252	380454	13.18 ug/L	92
48) Benzo (k) fluoranthene	33.14	252	539268	16.47 ug/L	95
49) Benzo (a) pyrene	33.87	252	316228	11.16 ug/L	93
50) Indeno (1,2,3-cd) pyrene	36.53	276	139602	9.39 ug/L	84
51) Dibenz (a,h) anthracene	36.64	278	218333	14.52 ug/L	90
52) Benzo (g,h,i) perylene	37.16	276	254614	16.05 ug/L	81

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

Data File : C:\MSDCHEM\1\DATA\041902\REFBB419.D Vial: 7
Acq On : 19 Apr 2002 6:28 pm Operator: Bohlk
Sample : REF2 3/29/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 9:28 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:23:30 2002
Response via : Initial Calibration