User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/08/2002 Time: 12:46:10

Sample: AE06090
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/15/02 12:34 Ended: 4/5/02 12:34 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.86		2.0
2	bis(2-Chloroethyl)ether		11.22		2.0
3	1,3-Dichlorobenzene		5.95		2.0
4	1,4-Dichlorobenzene		6.80		2.0
5	1,2-Dichlorobenzene		6.90		2.0
6	2,2-oxybis(1-Chloropropane)		11.89		2.0
7	n-Nitrosodi-n-propylamine		12.00		2.0
8	Hexachloroethane		4.62		2.0
9	Nitrobenzene		8.01		2.0
10	Isophorone		10.59		2.0
11	bis(2-Chloroethoxy)methane		10.41		2.0
12	1,2,4-Trichlorobenzene		7.27		2.0
13	Naphthalene		9.95		2.0
14	Hexachlorobutadiene		2.91		2.0
15	2-Chloronaphthalene		8.33		2.0
16	Dimethylphthalate		11.14		2.0
17	2,6-Dinitrotoluene		8.94		2.0
18	Acenaphthylene		10.40		2.0
19	Acenaphthene		10.60		2.0
20	2,4-Dinitrotoluene		7.59		2.0
21	Diethylphthalate		12.58		2.0
22	4-Chlorophenylphenylether		10.39		2.0
23	Fluorene		11.58		2.0
24	Azobenzene/1,2-Diphenylhydr		10.56		2.0
25	n-Nitrosodiphenylamine		9.62		2.0
26	4-Bromophenylphenylether		10.33		2.0
27	Hexachlorobenzene		9.43		2.0
28	Phenanthrene		11.58		2.0
29	Anthracene		10.56		2.0
30	Di-n-butylphthalate		12.23		2.0
31	Fluoranthene		11.26		2.0
32	Pyrene		10.07		2.0
33	Butylbenzylphthalate		9.76		2.0
34	Benzo(a)anthracene		10.55		2.0
35	bis(2-Ethylhexyl)phthalate		11.16		2.0
36	Chrysene		11.38		2.0
37	Di-n-octylphthalate		8.25		2.0
38	Benzo(b)fluoranthene		9.87		2.0
39	Benzo(k)fluoranthene		10.47		2.0
40	Benzo(a)pyrene		8.40		2.0
41	Indeno(1,2,3-cd)pyrene		10.07		2.0
42	Dibenz(a,h)anthracene		12.02		2.0
43	Benzo(g,h,i)perylene		12.02		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/08/2002 Time: 12:46:36

Sample: AE06090
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/15/02 12:34 Ended: 4/5/02 12:34 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		49		2.0
2	bis(2-Chloroethyl)ether		110		2.0
3	1,3-Dichlorobenzene		60		2.0
4	1,4-Dichlorobenzene		68		2.0
5	1,2-Dichlorobenzene		69		2.0
6	2,2-oxybis(1-Chloropropane)		120		2.0
7	n-Nitrosodi-n-propylamine		120		2.0
8	Hexachloroethane		46		2.0
9	Nitrobenzene		80		2.0
10	Isophorone		110		2.0
11	bis(2-Chloroethoxy)methane		100		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		100		2.0
14	Hexachlorobutadiene		29		2.0
15	2-Chloronaphthalene		83		2.0
16	Dimethylphthalate		110		2.0
17	2,6-Dinitrotoluene		89		2.0
18	Acenaphthylene		100		2.0
19	Acenaphthene		110		2.0
20	2,4-Dinitrotoluene		76		2.0
21	Diethylphthalate		130		2.0
22	4-Chlorophenylphenylether		100		2.0
23	Fluorene		120		2.0
24	Azobenzene/1,2-Diphenylhydr		110		2.0
25	n-Nitrosodiphenylamine		96		2.0
26	4-Bromophenylphenylether		100		2.0
27	Hexachlorobenzene		94		2.0
28	Phenanthrene		120		2.0
29	Anthracene		110		2.0
30	Di-n-butylphthalate		120		2.0
31	Fluoranthene		110		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		98		2.0
34	Benzo(a)anthracene		110		2.0
35	bis(2-Ethylhexyl)phthalate		110		2.0
36	Chrysene		110		2.0
37	Di-n-octylphthalate		82		2.0
38	Benzo(b)fluoranthene		99		2.0
39	Benzo(k)fluoranthene		100		2.0
40	Benzo(a)pyrene		84		2.0
41	Indeno(1,2,3-cd)pyrene	USPEC	100		2.0
42	Dibenz(a,h)anthracene	USPEC	120		2.0
43	Benzo(g,h,i)perylene	USPEC	120		2.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ1404.D Vial: 11
Acq On : 5 Apr 2002 2:50 am Operator: Bohlk
Sample : REF1 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 06:38:08 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.46	152	1137272	20.00	ug/L	-0.01
10) Naphthalene-d8	12.94	136	5147752	20.00	ug/L	0.00
17) Acenaphthene-d10	18.05	164	2917329	20.00	ug/L	0.00
29) Phenanthrene-d10	22.42	188	4207548	20.00	ug/L	0.00
38) Chrysene-d12	30.24	240	3355265	20.00	ug/L	0.00
44) Perylene-d12	34.12	264	2141814	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	227719	5.45	ug/L	0.00
Spiked Amount 5.000			Recovery = 109.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.52	74	210946	4.86	ug/L	89
3) bis(2-chloroethyl) ether	8.90	93	709362	11.22	ug/L	82
4) 1,3 - Dichlorobenze	9.29	146	340382	5.95	ug/L	99
5) 1,4 - Dichlorobenzene	9.50	146	380370	6.80	ug/L	99
6) 1,2 - Dichlorobenzene	9.88	146	358755	6.90	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.35	45	1160800	11.89	ug/L	94
8) N-Nitroso-di-n-propylamine	10.67	70	577803	12.00	ug/L	90
9) Hexachloroethane	10.77	117	99324	4.62	ug/L	93
11) Nitrobenzene	11.02	77	656161	8.01	ug/L	95
12) Isophorone	11.73	82	1566875	10.59	ug/L	97
13) bis(2-Chloroethoxy) methan	12.47	93	933442	10.41	ug/L	99
14) 1,2,4-Trichlorobenzene	12.82	180	323935	7.27	ug/L	99
15) Naphthalene	12.99	128	1767509	9.95	ug/L	100
16) Hexachlorobutadiene	13.44	225	64113	2.91	ug/L	91
18) Hexachlorocyclopentadiene	15.52	237	9548	0.61	ug/L	89
19) 2-chloronaphthalene	16.42	162	838575	8.33	ug/L	99
20) Dimethylphthalate	17.52	163	1306500	11.14	ug/L	100
21) 2,6-Dinitrotoluene	17.62	165	221568	8.94	ug/L	98
22) Acenaphthylene	17.60	152	1437785	10.40	ug/L	98
23) Acenaphthene	18.14	153	1038025	10.60	ug/L	99
24) 2,4-Dinitrotoluene	18.77	165	258853	7.59	ug/L	99
25) Diethylphthalate	19.64	149	1244757	12.58	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.81	204	530365	10.39	ug/L	98
27) Fluorene	19.67	166	1291345	11.58	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.26	77	1858366	10.56	ug/L	93
30) N-Nitrosodiphenylamine	20.18	169	710291	9.62	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.23	248	259866	10.33	ug/L	88
32) Hexachlorobenzene	21.26	284	228236	9.43	ug/L	83
33) Phenanthrene	22.47	178	1796263	11.58	ug/L	99
34) Anthracene	22.62	178	1594463	10.56	ug/L	99
35) Di-n-butylphthalate	24.57	149	2148360	12.23	ug/L	100
36) Fluoranthene	25.98	202	1821062	11.26	ug/L	83
39) Pyrene	26.61	202	1973583	10.07	ug/L	84
40) Butylbenzylphthalate	28.98	149	829385	9.76	ug/L	83
41) Benzo (a) antracene	30.20	228	1417267	10.55	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.85	149	1220778	11.16	ug/L	99
43) Chrysene	30.30	228	1465469	11.38	ug/L	98
45) Di-n-Octylphthalate	32.70	149	1693071	8.25	ug/L	96
46) Benzo (b) fluoranthene	33.16	252	1142852	9.87	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ1404.D Vial: 11
Acq On : 5 Apr 2002 2:50 am Operator: Bohlk
Sample : REF1 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 06:38:08 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

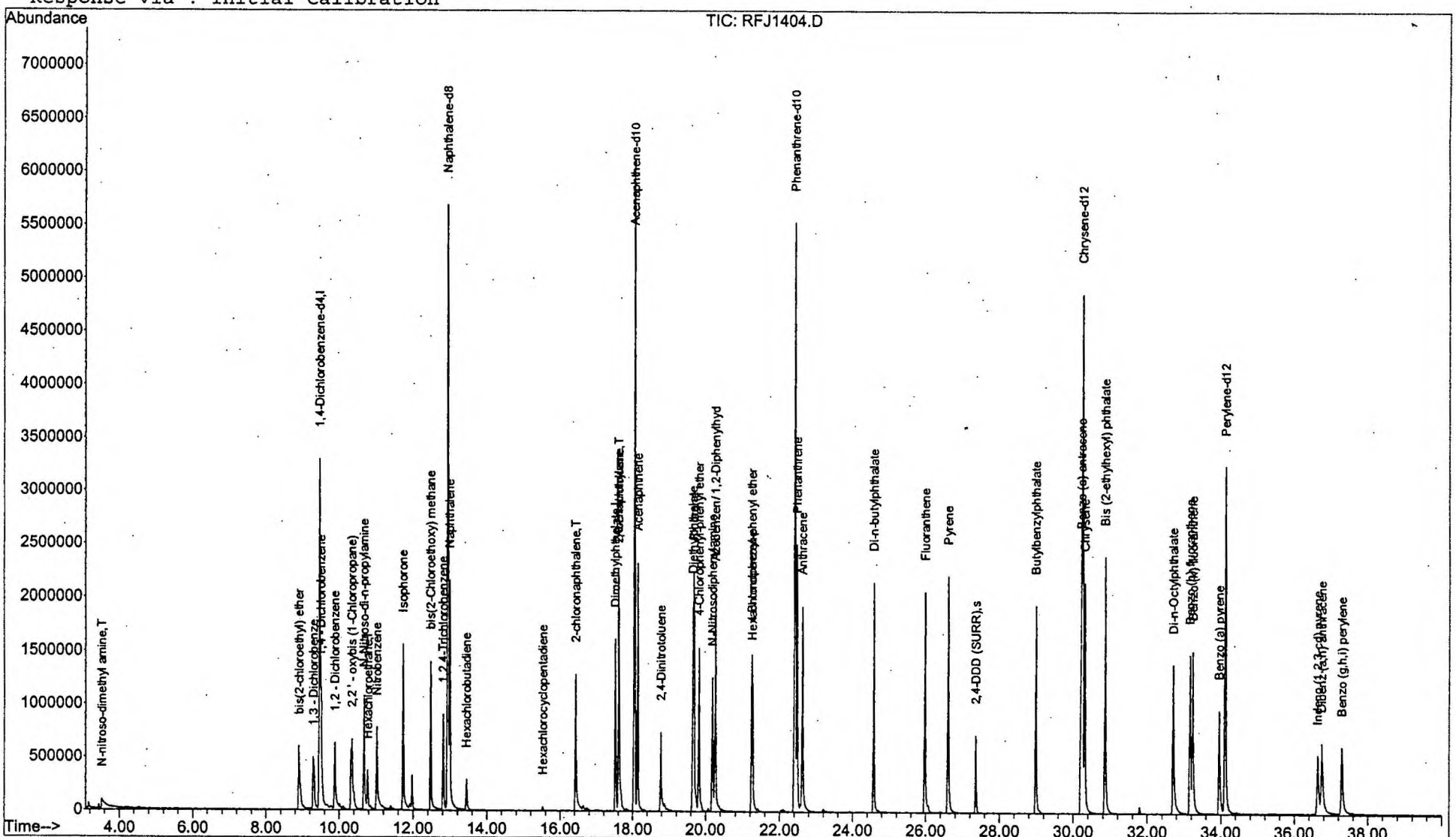
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.23	252	1287377	10.47	ug/L	92
48)	Benzo (a) pyrene	33.95	252	857995	8.40	ug/L	90
49)	Indeno (1,2,3-cd) pyrene	36.63	276	547478	10.07	ug/L	81
50)	Dibenz (a,h) anthracene	36.74	278	649204	12.02	ug/L	84
51)	Benzo (g,h,i) perylene	37.29	276	664038	12.02	ug/L	76

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ1404.D Vial: 11
Acq On : 5 Apr 2002 2:50 am Operator: Bohlk
Sample : REF1 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 5 6:38 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ2404.D Vial: 12
Acq On : 5 Apr 2002 3:39 am Operator: Bohlk
Sample : REF2 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 06:39:29 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.46	152	935426	20.00	ug/L	-0.01
10) Naphthalene-d8	12.93	136	4028699	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.05	164	2207391	20.00	ug/L	0.00
29) Phenanthrene-d10	22.41	188	3162018	20.00	ug/L	-0.01
38) Chrysene-d12	30.23	240	2378847	20.00	ug/L	-0.02
44) Perylene-d12	34.11	264	1385710	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	209401	6.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 133.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.53	74	159147	4.46	ug/L	87
3) bis(2-chloroethyl) ether	8.90	93	674413	12.97	ug/L	85
4) 1,3 - Dichlorobenze	9.30	146	345078	7.34	ug/L	96
5) 1,4 - Dichlorobenzene	9.50	146	376371	8.18	ug/L	99
6) 1,2 - Dichlorobenzene	9.88	146	346788	8.11	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.34	45	1105145	13.77	ug/L	94
8) N-Nitroso-di-n-propylamine	10.67	70	510083	12.88	ug/L	95
9) Hexachloroethane	10.77	117	91080	5.16	ug/L	90
11) Nitrobenzene	11.02	77	622682	9.71	ug/L	97
12) Isophorone	11.73	82	1402897	12.12	ug/L	96
13) bis(2-Chloroethoxy) methan	12.47	93	839798	11.96	ug/L	98
14) 1,2,4-Trichlorobenzene	12.82	180	319991	9.18	ug/L	97
15) Naphthalene	12.99	128	1709011	12.29	ug/L	99
16) Hexachlorobutadiene	13.45	225	55124	3.20	ug/L	93
18) Hexachlorocyclopentadiene	15.52	237	8446	0.71	ug/L	85
19) 2-chloronaphthalene	16.42	162	840892	11.04	ug/L	96
20) Dimethylphthalate	17.51	163	1169822	13.19	ug/L	98
21) 2,6-Dinitrotoluene	17.62	165	197145	10.51	ug/L	97
22) Acenaphthylene	17.60	152	1331555	12.72	ug/L	99
23) Acenaphthene	18.14	153	991445	13.38	ug/L	100
24) 2,4-Dinitrotoluene	18.77	165	222172	8.61	ug/L	91
25) Diethylphthalate	19.64	149	1126942	15.06	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.81	204	474889	12.29	ug/L	97
27) Fluorene	19.67	166	1195938	14.17	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.26	77	1663062	12.49	ug/L	93
30) N-Nitrosodiphenylamine	20.18	169	469334	8.46	ug/L	95
31) 4-Bromophenyl-phenyl ether	21.23	248	247530	13.10	ug/L	89
32) Hexachlorobenzene	21.26	284	223298	12.28	ug/L	79
33) Phenanthrene	22.47	178	1660855	14.24	ug/L	99
34) Anthracene	22.62	178	1459419	12.86	ug/L	98
35) Di-n-butylphthalate	24.57	149	1925110	14.58	ug/L	99
36) Fluoranthene	25.97	202	1632366	13.43	ug/L	84
39) Pyrene	26.61	202	1802892	12.97	ug/L	89
40) Butylbenzylphthalate	28.98	149	742751	12.33	ug/L	86
41) Benzo (a) antracene	30.21	228	1257582	13.20	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.85	149	1106110	14.26	ug/L	96
43) Chrysene	30.29	228	1284602	14.07	ug/L	99
45) Di-n-Octylphthalate	32.70	149	1560418	11.75	ug/L	96
46) Benzo (b) fluoranthene	33.15	252	957510	12.78	ug/L	91

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ2404.D Vial: 12
Acq On : 5 Apr 2002 3:39 am Operator: Bohlk
Sample : REF2 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 06:39:29 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.23	252	1047350	13.16 ug/L	90
48) Benzo (a) pyrene	33.95	252	711689	10.77 ug/L	89
49) Indeno (1,2,3-cd) pyrene	36.62	276	437034	12.43 ug/L	76
50) Dibenz (a,h) anthracene	36.75	278	506387	14.49 ug/L	79
51) Benzo (g,h,i) perylene	37.29	276	545331	15.26 ug/L	68

(#) = qualifier out of range (m) = manual integration
RFJ2404.D 5080402.M Fri Apr 05 06:39:50 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\040402B\RFJ2404.D Vial: 12
Acq On : 5 Apr 2002 3:39 am Operator: Bohlk
Sample : REF2 3/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 5 6:39 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration