User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 15:12:03

Sample: AE04337
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/27/02 15:00 Ended: 3/27/02 15:00 Analyst: MF
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.71		2.0
2	bis(2-Chloroethyl)ether		9.51		2.0
3	1,3-Dichlorobenzene		5.49		2.0
4	1,4-Dichlorobenzene		5.79		2.0
5	1,2-Dichlorobenzene		6.73		2.0
6	2,2-oxybis(1-Chloropropane)		10.30		2.0
7	n-Nitrosodi-n-propylamine		11.25		2.0
8	Hexachloroethane		3.79		2.0
9	Nitrobenzene		7.42		2.0
10	Isophorone		9.74		2.0
11	bis(2-Chloroethoxy)methane		7.84		2.0
12	1,2,4-Trichlorobenzene		5.76		2.0
13	Naphthalene		7.95		2.0
14	Hexachlorobutadiene		1.65		2.0
15	2-Chloronaphthalene		6.72		2.0
16	Dimethylphthalate		8.49		2.0
17	2,6-Dinitrotoluene		6.45		2.0
18	Acenaphthylene		8.75		2.0
19	Acenaphthene		8.58		2.0
20	2,4-Dinitrotoluene		5.93		2.0
21	Diethylphthalate		9.76		2.0
22	4-Chlorophenylphenylether		7.80		2.0
23	Fluorene		8.82		2.0
24	Azobenzene/1,2-Diphenylhydraz		8.48		2.0
25	n-Nitrosodiphenylamine		8.75		2.0
26	4-Bromophenylphenylether		8.84		2.0
27	Hexachlorobenzene		8.14		2.0
28	Phenanthrene		9.08		2.0
29	Anthracene		8.34		2.0
30	Di-n-butylphthalate		10.43		2.0
31	Fluoranthene		8.52		2.0
32	Pyrene		8.40		2.0
33	Butylbenzylphthalate		8.27		2.0
34	Benzo(a)anthracene		8.01		2.0
35	bis(2-Ethylhexyl)phthalate		8.22		2.0
36	Chrysene		9.18		2.0
37	Di-n-octylphthalate		7.02		2.0
38	Benzo(b)fluoranthene		8.07		2.0
39	Benzo(k)fluoranthene		9.93		2.0
40	Benzo(a)pyrene		7.40		2.0
41	Indeno(1,2,3-cd)pyrene		5.49		2.0
42	Dibenz(a,h)anthracene		5.99		2.0
43	Benzo(g,h,i)perylene		7.03		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 15:12:07

Sample: AE04337
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/27/02 15:00 Ended: 3/27/02 15:00 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		47		2.0
2	[illegible]	USPEC			
3	1,3-Dichlorobenzene		55		2.0
4	1,4-Dichlorobenzene		58		2.0
5	[illegible]				
6	[illegible]	USPEC			
7	[illegible]	USPEC			
8	Hexachloroethane		38		2.0
9	Nitrobenzene		74		2.0
10	[illegible]	USPEC	97		
11	bis(2-Chloroethoxy)methane		78		2.0
12	1,2,4-Trichlorobenzene		58		2.0
13	Naphthalene		80		2.0
14	[illegible]	USPEC			
15	2-Chloronaphthalene		67		2.0
16	Dimethylphthalate		85		2.0
17	2,6-Dinitrotoluene		64		2.0
18	Acenaphthylene		88		2.0
19	Acenaphthene		86		2.0
20	2,4-Dinitrotoluene		59		2.0
21	[illegible]	USPEC			
22	4-Chlorophenylphenylether		78		2.0
23	Fluorene		88		2.0
24	Azobenzene/1,2-Diphenylhydrazi		85		2.0
25	[illegible]				
26	4-Bromophenylphenylether		88		2.0
27	Hexachlorobenzene		81		2.0
28	Phenanthrene		91		2.0
29	Anthracene		83		2.0
30	[illegible]				
31	Fluoranthene		85		2.0
32	Pyrene		84		2.0
33	[illegible]				
34	Benzo(a)anthracene		80		2.0
35	[illegible]	USPEC			
36	Chrysene		92		2.0
37	Di-n-octylphthalate		70		2.0
38	Benzo(b)fluoranthene		81		2.0
39	[illegible]				
40	Benzo(a)pyrene		74		2.0
41	Indeno(1,2,3-cd)pyrene		55		2.0
42	Dibenz(a,h)anthracene		60		2.0
43	Benzo(g,h,i)perylene		70		2.0

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Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF1B326.D Vial: 27
Acq On : 27 Mar 2002 2:45 am Operator: McLean
Sample : REF 1 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 09:02:26 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1443732	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3951742	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2156862	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3025146	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2394224	20.00	ug/L	-0.01
44) Perylene-d12	34.18	264	1321194	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	187914	5.21	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.20%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	152676	4.71	ug/L #	100
3) bis(2-chloroethyl) ether	8.98	93	486071	9.51	ug/L	87
4) 1,3 - Dichlorobenze	9.38	146	277362	5.49	ug/L	99
5) 1,4 - Dichlorobenzene	9.60	146	291710	5.79	ug/L	100
6) 1,2 - Dichlorobenzene	9.97	146	313877	6.73	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1198992	10.30	ug/L	99
8) N-Nitroso-di-n-propylamine	10.75	70	413519	11.25	ug/L	97
9) Hexachloroethane	10.86	117	71712	3.79	ug/L	92
11) Nitrobenzene	11.11	77	527811	7.42	ug/L	99
12) Isophorone	11.82	82	1275853	9.74	ug/L	100
13) bis(2-Chloroethoxy) methan	12.56	93	618162	7.84	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	260710	5.76	ug/L	99
15) Naphthalene	13.08	128	1306058	7.95	ug/L	100
16) Hexachlorobutadiene	13.53	225	41637	1.65	ug/L	95
18) Hexachlorocyclopentadiene	15.60	237	16998	0.90	ug/L	73
19) 2-chloronaphthalene	16.50	162	661250	6.72	ug/L	97
20) Dimethylphthalate	17.59	163	998319	8.49	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	161271	6.45	ug/L	98
22) Acenaphthylene	17.69	152	1195058	8.75	ug/L	98
23) Acenaphthene	18.23	153	797188	8.58	ug/L	99
24) 2,4-Dinitrotoluene	18.86	165	212348	5.93	ug/L	95
25) Diethylphthalate	19.72	149	987422	9.76	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.90	204	420240	7.80	ug/L	96
27) Fluorene	19.76	166	965363	8.82	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1265438	8.48	ug/L	98
30) N-Nitrosodiphenylamine	20.27	169	568786	8.75	ug/L	97
31) 4-Bromophenyl-phenyl ether	21.32	248	236181	8.84	ug/L	91
32) Hexachlorobenzene	21.35	284	229330	8.14	ug/L	97
33) Phenanthrene	22.56	178	1272642	9.08	ug/L	99
34) Anthracene	22.71	178	1159409	8.34	ug/L	98
35) Di-n-butylphthalate	24.65	149	1675211	10.43	ug/L	99
36) Fluoranthene	26.06	202	1357250	8.52	ug/L	96
39) Pyrene	26.69	202	1390812	8.40	ug/L	98
40) Butylbenzylphthalate	29.05	149	586268	8.27	ug/L	92
41) Benzo (a) antracene	30.28	228	1006202	8.01	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.92	149	770068	8.22	ug/L	100
43) Chrysene	30.38	228	1096306	9.18	ug/L	99
45) Di-n-Octylphthalate	32.76	149	995759	7.02	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	751576	8.07	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF1B326.D Vial: 27
Acq On : 27 Mar 2002 2:45 am Operator: McLean
Sample : REF 1 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 09:02:26 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

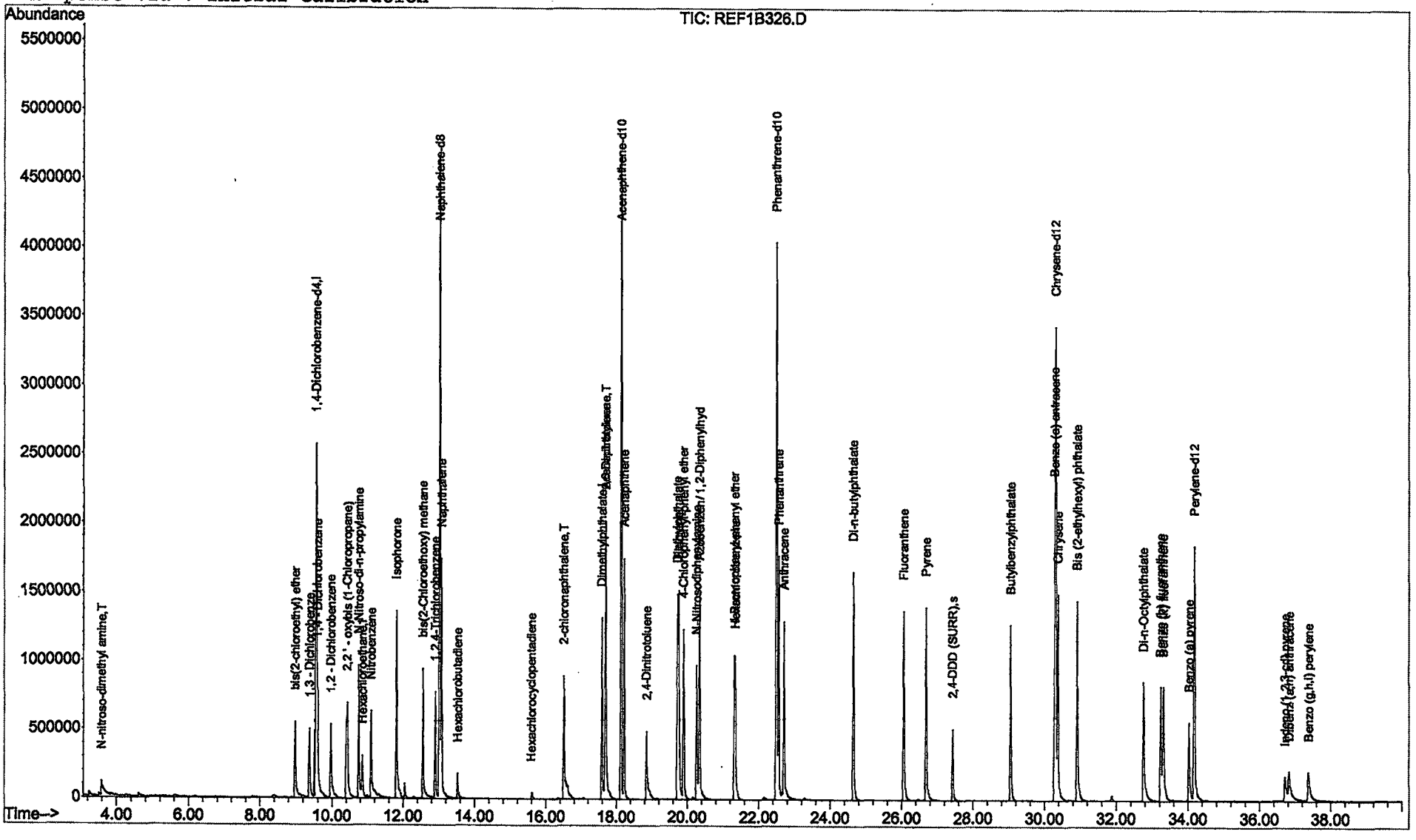
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.30	252	942781	9.93	ug/L	98
48) Benzo (a) pyrene	34.03	252	588373	7.40	ug/L	97
49) Indeno (1,2,3-cd) pyrene	36.72	276	251118	5.49	ug/L	93
50) Dibenz (a,h) anthracene	36.83	278	263463	5.99	ug/L	97
51) Benzo (g,h,i) perylene	37.37	276	309395	7.03	ug/L	98

(#) = qualifier out of range (m) = manual integration
REF1B326.D 5080302.M Wed Mar 27 09:02:55 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF1B326.D Vial: 27
Acq On : 27 Mar 2002 2:45 am Operator: McLean
Sample : REF 1 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 9:02 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF2B326.D Vial: 28
Acq On : 27 Mar 2002 3:34 am Operator: McLean
Sample : REF 2 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 09:03:43 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1422128	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3897813	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2218040	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3300567	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2568136	20.00	ug/L	-0.01
44) Perylene-d12	34.18	264	1490888	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	210760	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	118622	3.71	ug/L	# 100
3) bis(2-chloroethyl) ether	8.98	93	475941	9.45	ug/L	85
4) 1,3 - Dichlorobenze	9.38	146	271140	5.45	ug/L	94
5) 1,4 - Dichlorobenzene	9.59	146	301827	6.08	ug/L	97
6) 1,2 - Dichlorobenzene	9.97	146	307590	6.69	ug/L	92
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1193439	10.41	ug/L	97
8) N-Nitroso-di-n-propylamine	10.75	70	425042	11.74	ug/L	96
9) Hexachloroethane	10.86	117	65852	3.53	ug/L	85
11) Nitrobenzene	11.11	77	477893	6.81	ug/L	98
12) Isophorone	11.82	82	1274064	9.86	ug/L	99
13) bis(2-Chloroethoxy) methan	12.56	93	596640	7.67	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	263247	5.90	ug/L	98
15) Naphthalene	13.08	128	1305243	8.06	ug/L	99
16) Hexachlorobutadiene	13.53	225	44255	1.77	ug/L	94
18) Hexachlorocyclopentadiene	15.61	237	21435	1.10	ug/L	94
19) 2-chloronaphthalene	16.51	162	675391	6.67	ug/L	97
20) Dimethylphthalate	17.59	163	1112002	9.20	ug/L	100
21) 2,6-Dinitrotoluene	17.70	165	177493	6.90	ug/L	97
22) Acenaphthylene	17.69	152	1240125	8.83	ug/L	98
23) Acenaphthene	18.22	153	819077	8.58	ug/L	96
24) 2,4-Dinitrotoluene	18.85	165	262304	7.12	ug/L	95
25) Diethylphthalate	19.72	149	1085212	10.43	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.89	204	466779	8.42	ug/L	99
27) Fluorene	19.75	166	1040886	9.24	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1383260	9.02	ug/L	96
30) N-Nitrosodiphenylamine	20.26	169	621605	8.76	ug/L	96
31) 4-Bromophenyl-phenyl ether	21.32	248	252866	8.68	ug/L	95
32) Hexachlorobenzene	21.35	284	259856	8.46	ug/L	94
33) Phenanthrene	22.56	178	1448267	9.47	ug/L	98
34) Anthracene	22.71	178	1364587	9.00	ug/L	99
35) Di-n-butylphthalate	24.65	149	1951457	11.14	ug/L	99
36) Fluoranthene	26.06	202	1600388	9.21	ug/L	95
39) Pyrene	26.69	202	1641930	9.25	ug/L	98
40) Butylbenzylphthalate	29.05	149	672483	8.85	ug/L	90
41) Benzo (a) antracene	30.29	228	1119366	8.31	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	843335	8.39	ug/L	100
43) Chrysene	30.38	228	1229064	9.60	ug/L	99
45) Di-n-Octylphthalate	32.76	149	1027517	6.42	ug/L	95
46) Benzo (b) fluoranthene	33.23	252	858007	8.17	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF2B326.D Vial: 28
Acq On : 27 Mar 2002 3:34 am Operator: McLean
Sample : REF 2 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 09:03:43 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.30	252	1020532	9.52	ug/L	98
48)	Benzo (a) pyrene	34.03	252	702276	7.82	ug/L	96
49)	Indeno (1,2,3-cd) pyrene	36.72	276	383540	7.43	ug/L	99
50)	Dibenz (a,h) anthracene	36.83	278	410732	8.27	ug/L	96
51)	Benzo (g,h,i) perylene	37.37	276	466898	9.40	ug/L	96

(#) = qualifier out of range (m) = manual integration
REF2B326.D 5080302.M Wed Mar 27 09:03:56 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\032602\REF2B326.D Vial: 28
Acq On : 27 Mar 2002 3:34 am Operator: McLean
Sample : REF 2 3/1/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 9:03 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration