User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 10:34:54

Sample: AE03017
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/4/02 10:29 Ended: 3/4/02 10:29 Analyst: MF
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		3.29		2.0
2	bis(2-Chloroethyl)ether		6.26		2.0
3	1,3-Dichlorobenzene		4.90		2.0
4	1,4-Dichlorobenzene		4.98		2.0
5	1,2-Dichlorobenzene		5.39		2.0
6	2,2-oxybis(1-Chloropropane)		6.17		2.0
7	n-Nitrosodi-n-propylamine		6.37		2.0
8	Hexachloroethane		3.81		2.0
9	Nitrobenzene		4.92		2.0
10	Isophorone		6.07		2.0
11	bis(2-Chloroethoxy)methane		5.82		2.0
12	1,2,4-Trichlorobenzene		5.24		2.0
13	Naphthalene		5.95		2.0
14	Hexachlorobutadiene		3.14		2.0
15	2-Chloronaphthalene		5.60		2.0
16	Dimethylphthalate		6.68		2.0
17	2,6-Dinitrotoluene		5.44		2.0
18	Acenaphthylene		6.38		2.0
19	Acenaphthene		6.31		2.0
20	2,4-Dinitrotoluene		5.13		2.0
21	Diethylphthalate		7.53		2.0
22	4-Chlorophenylphenylether		6.89		2.0
23	Fluorene		7.27		2.0
24	Azobenzene/1,2-Diphenylhydraz		6.24		2.0
25	n-Nitrosodiphenylamine		6.15		2.0
26	4-Bromophenylphenylether		7.25		2.0
27	Hexachlorobenzene		7.48		2.0
28	Phenanthrene		7.13		2.0
29	Anthracene		6.97		2.0
30	Di-n-butylphthalate		7.24		2.0
31	Fluoranthene		7.11		2.0
32	Pyrene		6.86		2.0
33	Butylbenzylphthalate		5.85		2.0
34	Benzo(a)anthracene		6.67		2.0
35	bis(2-Ethylhexyl)phthalate		6.53		2.0
36	Chrysene		7.17		2.0
37	Di-n-octylphthalate		5.84		2.0
38	Benzo(b)fluoranthene		6.90		2.0
39	Benzo(k)fluoranthene		7.49		2.0
40	Benzo(a)pyrene		5.78		2.0
41	Indeno(1,2,3-cd)pyrene		5.03		2.0
42	Dibenz(a,h)anthracene		5.94		2.0
43	Benzo(g,h,i)perylene		5.97		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 10:38:27

Sample: AE03017
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/4/02 10:29 Ended: 3/4/02 10:29 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		33		2.0
2	bis(2-Chloroethyl)ether		63		2.0
3	1,3-Dichlorobenzene		49		2.0
4	1,4-Dichlorobenzene		50		2.0
5	1,2-Dichlorobenzene		54		2.0
6	2,2-oxybis(1-Chloropropane)		62		2.0
7	n-Nitrosodi-n-propylamine		64		2.0
8	Hexachloroethane		38		2.0
9	Nitrobenzene		49		2.0
10	Isophorone		61		2.0
11	bis(2-Chloroethoxy)methane		58		2.0
12	1,2,4-Trichlorobenzene		52		2.0
13	Naphthalene		60		2.0
14	Hexachlorobutadiene		31		2.0
15	2-Chloronaphthalene		56		2.0
16	Dimethylphthalate		67		2.0
17	2,6-Dinitrotoluene		54		2.0
18	Acenaphthylene		64		2.0
19	Acenaphthene		63		2.0
20	2,4-Dinitrotoluene		51		2.0
21	Diethylphthalate		75		2.0
22	4-Chlorophenylphenylether		70		2.0
23	Fluorene		73		2.0
24	Azobenzene/1,2-Diphenylhydraz		62		2.0
25	n-Nitrosodiphenylamine		62		2.0
26	4-Bromophenylphenylether		73		2.0
27	Hexachlorobenzene		75		2.0
28	Phenanthrene		71		2.0
29	Anthracene		70		2.0
30	Di-n-butylphthalate		72		2.0
31	Fluoranthene		71		2.0
32	Pyrene		69		2.0
33	Butylbenzylphthalate		59		2.0
34	Benzo(a)anthracene		67		2.0
35	bis(2-Ethylhexyl)phthalate		65		2.0
36	Chrysene		72		2.0
37	Di-n-octylphthalate		58		2.0
38	Benzo(b)fluoranthene		69		2.0
39	Benzo(k)fluoranthene		75		2.0
40	Benzo(a)pyrene		58		2.0
41	Indeno(1,2,3-cd)pyrene		50		2.0
42	Dibenz(a,h)anthracene		60		2.0
43	Benzo(g,h,i)perylene		60		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\212REFA.D Vial: 3
Acq On : 1 Mar 2002 2:02 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:54:39 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1570491	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3984650	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2190428	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	3426647	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	3079570	20.00	ug/L	0.00
44) Perylene-d12	34.21	264	2123116	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	244786	4.50	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.62	74	156343	3.29	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	465388	6.26	ug/L	84
4) 1,3 - Dichlorobenze	9.41	146	343711	4.90	ug/L	99
5) 1,4 - Dichlorobenzene	9.62	146	347332	4.98	ug/L	96
6) 1,2 - Dichlorobenzene	10.00	146	348113	5.39	ug/L	94
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	1109976	6.17	ug/L	100
8) N-Nitroso-di-n-propylamine	10.79	70	363245	6.37	ug/L	99
9) Hexachloroethane	10.89	117	107559	3.81	ug/L	95
11) Nitrobenzene	11.13	77	457273	4.92	ug/L	98
12) Isophorone	11.85	82	1028804	6.07	ug/L	98
13) bis(2-Chloroethoxy) methan	12.58	93	597500	5.82	ug/L	99
14) 1,2,4-Trichlorobenzene	12.93	180	297229	5.24	ug/L	98
15) Naphthalene	13.11	128	1247805	5.95	ug/L	99
16) Hexachlorobutadiene	13.56	225	98856	3.14	ug/L	98
18) Hexachlorocyclopentadiene	15.63	237	9591	0.45	ug/L	92
19) 2-chloronaphthalene	16.54	162	701080	5.60	ug/L	99
20) Dimethylphthalate	17.62	163	998018	6.68	ug/L	99
21) 2,6-Dinitrotoluene	17.73	165	165779	5.44	ug/L	98
22) Acenaphthylene	17.72	152	1098355	6.38	ug/L	99
23) Acenaphthene	18.25	153	754905	6.31	ug/L	99
24) 2,4-Dinitrotoluene	18.88	165	224450	5.13	ug/L	96
25) Diethylphthalate	19.75	149	963864	7.53	ug/L	100
26) 4-Chlorophenyl-phenyl ethe	19.92	204	458134	6.89	ug/L	97
27) Fluorene	19.78	166	990584	7.27	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.37	77	1219192	6.24	ug/L	97
30) N-Nitrosodiphenylamine	20.29	169	562855	6.15	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.34	248	262380	7.25	ug/L	95
32) Hexachlorobenzene	21.37	284	278590	7.48	ug/L	97
33) Phenanthrene	22.59	178	1416478	7.13	ug/L	98
34) Anthracene	22.73	178	1329465	6.97	ug/L	100
35) Di-n-butylphthalate	24.67	149	1662845	7.24	ug/L	99
36) Fluoranthene	26.09	202	1624196	7.11	ug/L	98
39) Pyrene	26.71	202	1717558	6.86	ug/L	97
40) Butylbenzylphthalate	29.08	149	627619	5.85	ug/L	99
41) Benzo (a) antracene	30.31	228	1347936	6.67	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.94	149	912302	6.53	ug/L	97
43) Chrysene	30.40	228	1412667	7.17	ug/L	99
45) Di-n-Octylphthalate	32.78	149	1270419	5.84	ug/L	98
46) Benzo (b) fluoranthene	33.26	252	1226366	6.90	ug/L	99

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

using 10 ug/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\212REFA.D Vial: 3
Acq On : 1 Mar 2002 2:02 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:54:39 2002 Quant Results File: 5080202.RES

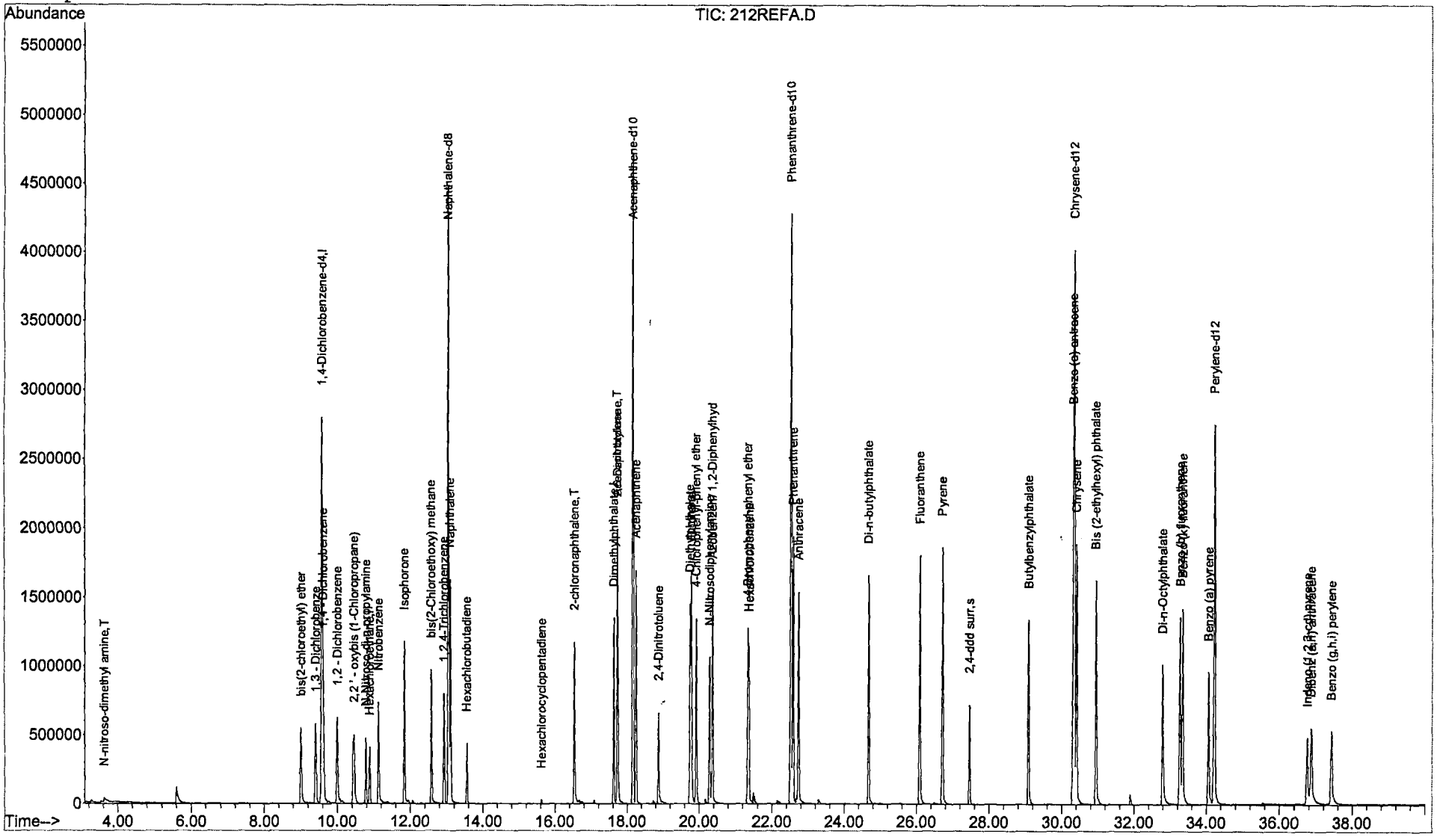
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.33	252	1354927	7.49 ug/L	99
48) Benzo (a) pyrene	34.05	252	908245	5.78 ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.74	276	571885	5.03 ug/L	97
50) Dibenz (a,h) anthracene	36.86	278	679261	5.94 ug/L	95
51) Benzo (g,h,i) perylene	37.42	276	683568	5.97 ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\022802\212REFA.D Vial: 3
Acq On : 1 Mar 2002 2:02 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 4 5:54 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\212REFB.D Vial: 4
Acq On : 1 Mar 2002 2:51 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:54:59 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	2889736	20.00	ug/L	0.00
10) Naphthalene-d8	13.06	136	7435037	20.00	ug/L	0.00
17) Acenaphthene-d10	18.18	164	4108270	20.00	ug/L	0.00
29) Phenanthrene-d10	22.54	188	6383859	20.00	ug/L	0.00
38) Chrysene-d12	30.36	240	5891841	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	4060433	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	214857	2.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 42.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.62	74	140165	1.60	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	406364	2.97	ug/L	82
4) 1,3 - Dichlorobenze	9.41	146	307474	2.38	ug/L	97
5) 1,4 - Dichlorobenzene	9.62	146	313379	2.44	ug/L	98
6) 1,2 - Dichlorobenzene	10.00	146	315565	2.65	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	968756	2.93	ug/L	100
8) N-Nitroso-di-n-propylamine	10.79	70	322282	3.07	ug/L	97
9) Hexachloroethane	10.89	117	104240	2.01	ug/L	99
11) Nitrobenzene	11.13	77	419458	2.42	ug/L	100
12) Isophorone	11.84	82	920874	2.91	ug/L	99
13) bis(2-Chloroethoxy) methan	12.59	93	531433	2.77	ug/L	99
14) 1,2,4-Trichlorobenzene	12.94	180	271410	2.57	ug/L	97
15) Naphthalene	13.11	128	1126520	2.88	ug/L	99
16) Hexachlorobutadiene	13.56	225	108543	1.85	ug/L	97
18) Hexachlorocyclopentadiene	15.64	237	11611	0.29	ug/L	93
19) 2-chloronaphthalene	16.54	162	634967	2.70	ug/L	99
20) Dimethylphthalate	17.62	163	918527	3.28	ug/L	99
21) 2,6-Dinitrotoluene	17.73	165	150116	2.63	ug/L	97
22) Acenaphthylene	17.72	152	995972	3.09	ug/L	98
23) Acenaphthene	18.26	153	696256	3.11	ug/L	100
24) 2,4-Dinitrotoluene	18.88	165	196210	2.39	ug/L	99
25) Diethylphthalate	19.75	149	869898	3.63	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.92	204	417583	3.35	ug/L	97
27) Fluorene	19.78	166	893010	3.49	ug/L	97
28) Azobenzen/ 1,2-Diphenylhyd	20.36	77	1054505	2.88	ug/L	99
30) N-Nitrosodiphenylamine	20.29	169	522327	3.07	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.34	248	236691	3.51	ug/L	96
32) Hexachlorobenzene	21.37	284	251559	3.63	ug/L	99
33) Phenanthrene	22.60	178	1298065	3.51	ug/L	99
34) Anthracene	22.73	178	1191297	3.35	ug/L	100
35) Di-n-butylphthalate	24.67	149	1519309	3.55	ug/L	99
36) Fluoranthene	26.09	202	1472999	3.46	ug/L	99
39) Pyrene	26.71	202	1552355	3.24	ug/L	97
40) Butylbenzylphthalate	29.07	149	563017	2.75	ug/L	93
41) Benzo (a) antracene	30.31	228	1220800	3.16	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.94	149	848717	3.18	ug/L	97
43) Chrysene	30.41	228	1305813	3.47	ug/L	100
45) Di-n-Octylphthalate	32.78	149	1160662	2.79	ug/L	99
46) Benzo (b) fluoranthene	33.26	252	1104363	3.25	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\212REFB.D Vial: 4
Acq On : 1 Mar 2002 2:51 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:54:59 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.33	252	1231698	3.56	ug/L	99
48)	Benzo (a) pyrene	34.05	252	826650	2.75	ug/L	97
49)	Indeno (1,2,3-cd) pyrene	36.74	276	500532	2.30	ug/L	99
50)	Dibenz (a,h) anthracene	36.85	278	602854	2.76	ug/L	98
51)	Benzo (g,h,i) perylene	37.42	276	624605	2.85	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\212REFB.D Vial: 4
Acq On : 1 Mar 2002 2:51 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 4 5:54 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration