User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 14:34:03

Sample: AE06048
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/3/20 00:01 Ended: 5/3/20 00:01 Analyst: MG
Result source: c:\hpchem\1\data\may0202\refa1.d\refa1.rr
Page: 1

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

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 14:34:13

Sample: AE06048
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/3/20 00:01 Ended: 5/3/20 00:01 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		55	2.0
2	bis(2-Chloroethyl)ether		80	2.0
3	1,3-Dichlorobenzene		75	2.0
4	1,4-Dichlorobenzene		75	2.0
5	1,2-Dichlorobenzene		85	2.0
6	2,2-oxybis(1-Chloropropane)		85	2.0
7	n-Nitrosodi-n-propylamine		85	2.0
8	Hexachloroethane		55	2.0
9	Nitrobenzene		70	2.0
10	Isophorone		100	2.0
11	bis(2-Chloroethoxy)methane		85	2.0
12	1,2,4-Trichlorobenzene		80	2.0
13	Naphthalene		95	2.0
14	Hexachlorobutadiene		60	2.0
15	2-Chloronaphthalene		100	2.0
16	Dimethylphthalate		95	2.0
17	2,6-Dinitrotoluene		55	2.0
18	Acenaphthylene		85	2.0
19	Acenaphthene		95	2.0
20	2,4-Dinitrotoluene		55	2.0
21	Diethylphthalate		100	2.0
22	4-Chlorophenylphenylether		95	2.0
23	Fluorene		100	2.0
24	Azobenzene		80	2.0
25	n-Nitrosodiphenylamine		85	2.0
26	4-Bromophenylphenylether		95	2.0
27	Hexachlorobenzene		100	2.0
28	Phenanthrene		95	2.0
29	Anthracene		85	2.0
30	Di-n-butylphthalate		95	2.0
31	Fluoranthene		95	2.0
32	Pyrene		100	2.0
33	Butylbenzylphthalate		90	2.0
34	Benzo(a)anthracene		90	2.0
35	bis(2-Ethylhexyl)phthalate		95	2.0
36	Chrysene		100	2.0
37	Di-n-octylphthalate		75	2.0
38	Benzo(b)fluoranthene		85	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		70	2.0
41				
42	Dibenz(a,h)anthracene		100	2.0
43	Benzo(g,h,i)perylene		110	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA1.D Vial: 12
Acq On : 3 May 2002 1:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:45 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	424488	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1554682	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	844477	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1181564	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	767587	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	499211	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	40269	9.80	ug/L	-0.01
Spiked Amount 10.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	130735	11.26	ug/l	98
3) bis(2-Chloroethyl)ether	11.59	93	248135	16.48	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	198497	15.00	ug/l	97
5) 1,4-Dichlorobenzene	12.24	146	210564	14.56	ug/l	100
6) 1,2-Dichlorobenzene	12.75	146	207332	16.54	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.07	45	529704	17.02	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	195235	17.30	ug/l	99
9) Hexachloroethane	13.61	117	57397	10.57	ug/l	97
11) Nitrobenzene	13.88	77	197961	13.98	ug/l	98
12) Isophorone	14.52	82	539604	19.66	ug/l	99
13) bis(2-Chloroethoxy)methane	15.21	93	299266	17.18	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	172917	16.42	ug/l	99
15) Naphthalene	15.89	128	611203	18.78	ug/l	99
16) Hexachlorobutadiene	16.44	225	59715	12.34	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	18990	4.44	ug/l	96
19) 2-Chloronaphthalene	19.40	162	368623	19.77	ug/l	98
20) Dimethylphthalate	20.49	163	453614	19.11	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	56177	10.89	ug/l	96
22) Acenaphthylene	20.66	152	577356	17.20	ug/l	99
23) Acenaphthene	21.23	153	380340	19.32	ug/l	100
24) 2,4-Dinitrotoluene	21.87	165	58863	10.64	ug/l	96
25) Diethylphthalate	22.62	149	445314	20.68	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	193232	18.97	ug/l	98
27) Fluorene	22.75	166	417837	19.91	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	473968	16.38	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	130032	16.60	ug/l	96
32) 4-Bromophenyl-phenylether	24.24	248	107771	18.78	ug/l	98
33) Hexachlorobenzene	24.68	284	129529	20.21	ug/l	100
34) Phenanthrene	25.65	178	552253	19.29	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA1.D Vial: 12
Acq On : 3 May 2002 1:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:45 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

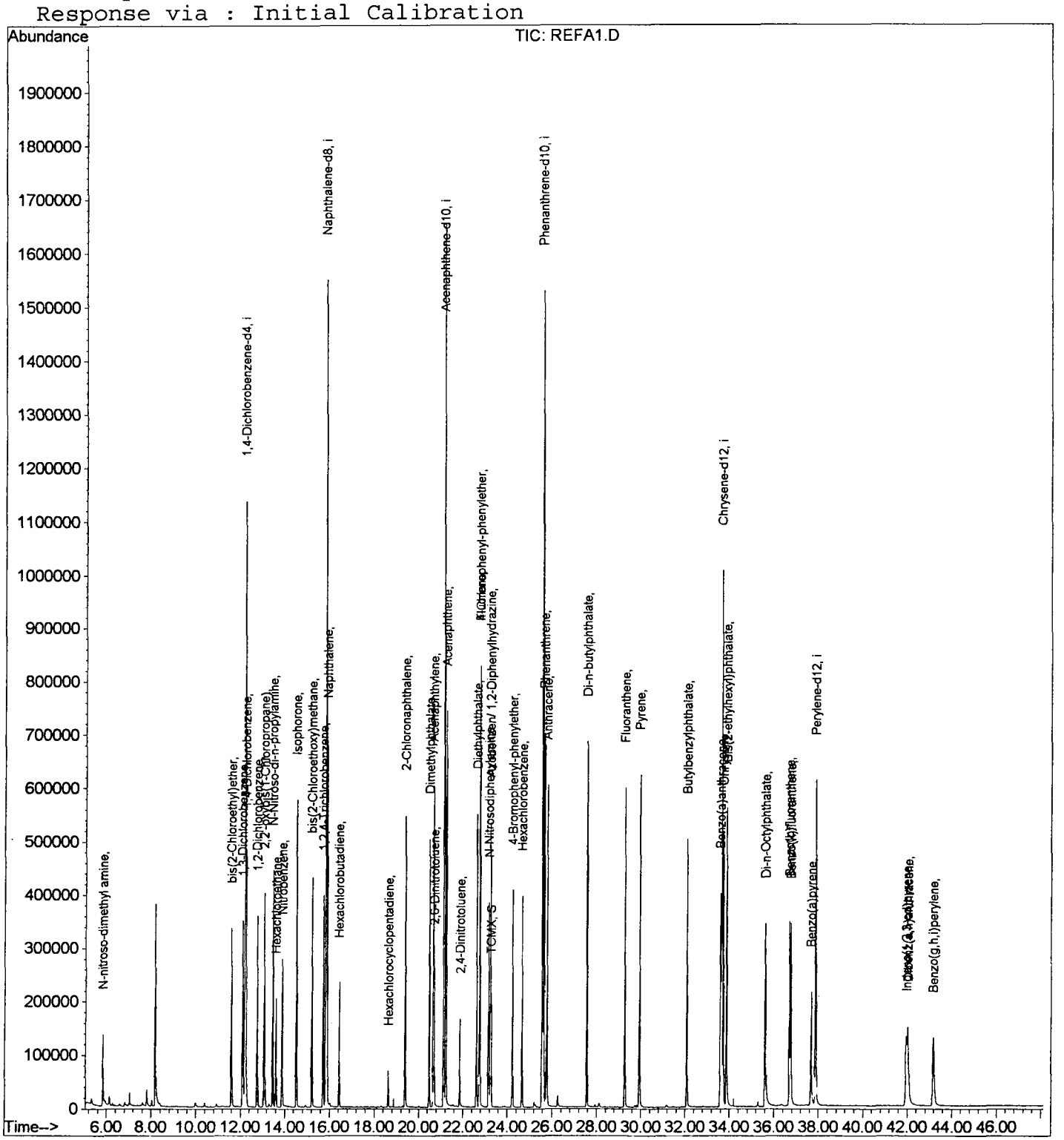
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.78	178	507752	16.83 ug/l	100
36)	Di-n-butylphthalate	27.55	149	742487	18.96 ug/l	99
37)	Fluoranthene	29.27	202	529961	18.52 ug/l	99
39)	Pyrene	29.94	202	546897	20.62 ug/l	97
40)	Butylbenzylphthalate	32.08	149	259616	18.24 ug/l	97
41)	Benzo(a)anthracene	33.58	228	371139	17.98 ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.87	149	343063	18.73 ug/l	99
43)	Chrysene	33.71	228	393083	19.59 ug/l	100
45)	Di-n-Octylphthalate	35.61	149	441445	14.95 ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	306936	16.85 ug/l	97
47)	Benzo(k)fluoranthene	36.76	252	359751	19.08 ug/l	97
48)	Benzo(a)pyrene	37.67	252	231961	13.83 ug/l	100
49)	Indeno(1,2,3-cd)pyrene	41.96	276	278846	19.75 ug/l	96
50)	Dibenz(a,h)anthracene	42.03	278	235223	21.07 ug/l	99
51)	Benzo(g,h,i)perylene	43.19	276	241060	22.30 ug/l	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA1.D Vial: 12
Acq On : 3 May 2002 1:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:45 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA2.D Vial: 13
Acq On : 3 May 2002 2:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:48 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	393964	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1445556	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	780573	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1039953	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	652878	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	421246	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	38206	10.05	ug/L	-0.02
Spiked Amount 10.000			Recovery = 100.50%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	118875	11.04	ug/l	98
3) bis(2-Chloroethyl)ether	11.59	93	226799	16.23	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	189084	15.40	ug/l	99
5) 1,4-Dichlorobenzene	12.24	146	198452	14.79	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	191692	16.48	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.07	45	483273	16.73	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	176562	16.86	ug/l	100
9) Hexachloroethane	13.61	117	55821	11.08	ug/l	95
11) Nitrobenzene	13.87	77	183095	13.91	ug/l	97
12) Isophorone	14.52	82	504504	19.77	ug/l	99
13) bis(2-Chloroethoxy)methane	15.21	93	273541	16.89	ug/l	100
14) 1,2,4-Trichlorobenzene	15.71	180	161359	16.48	ug/l	98
15) Naphthalene	15.89	128	558496	18.45	ug/l	99
16) Hexachlorobutadiene	16.44	225	58451	12.99	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	19560	4.94	ug/l	96
19) 2-Chloronaphthalene	19.39	162	334042	19.38	ug/l	99
20) Dimethylphthalate	20.49	163	418598	19.08	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	53234	11.17	ug/l	95
22) Acenaphthylene	20.66	152	513676	16.56	ug/l	99
23) Acenaphthene	21.23	153	343798	18.89	ug/l	98
24) 2,4-Dinitrotoluene	21.87	165	54752	10.71	ug/l	96
25) Diethylphthalate	22.62	149	409290	20.56	ug/l	100
26) 4-Chlorophenyl-phenylether	22.77	204	176941	18.79	ug/l	99
27) Fluorene	22.75	166	377847	19.48	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	432511	16.18	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	113846	16.51	ug/l	96
32) 4-Bromophenyl-phenylether	24.24	248	99202	19.64	ug/l	97
33) Hexachlorobenzene	24.67	284	118775	21.05	ug/l	99
34) Phenanthrene	25.65	178	495791	19.67	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA2.D Vial: 13
Acq On : 3 May 2002 2:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:48 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
35) Anthracene	25.77	178	457948	17.25 ug/l		99
36) Di-n-butylphthalate	27.55	149	674841	19.58 ug/l		99
37) Fluoranthene	29.27	202	472326	18.75 ug/l		100
39) Pyrene	29.94	202	484477	21.48 ug/l		96
40) Butylbenzylphthalate	32.08	149	226997	18.75 ug/l		99
41) Benzo(a)anthracene	33.59	228	318595	18.15 ug/l		99
42) Bis(2-ethylhexyl)phthalate	33.87	149	296250	19.01 ug/l		99
43) Chrysene	33.71	228	341150	19.99 ug/l		98
45) Di-n-Octylphthalate	35.61	149	385822	15.49 ug/l	#	98
46) Benzo(b)fluoranthene	36.69	252	260074	16.92 ug/l		98
47) Benzo(k)fluoranthene	36.76	252	300922	18.91 ug/l		97
48) Benzo(a)pyrene	37.68	252	197851	13.98 ug/l		98
49) Indeno(1,2,3-cd)pyrene	41.96	276	236379	19.84 ug/l		98
50) Dibenz(a,h)anthracene	42.03	278	197439	20.96 ug/l		98
51) Benzo(g,h,i)perylene	43.18	276	202405	22.19 ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\REFA2.D Vial: 13
Acq On : 3 May 2002 2:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 9:48 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration