User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 09:36:23

Sample: AE09450
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/2/20 00:06 Ended: 5/2/20 00:06 Analyst: MG
Result source: c:\hpchem\1\data\may0202\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		8.0	2.0
2	bis(2-Chloroethyl)ether		11	2.0
3	1,3-Dichlorobenzene		10	2.0
4	1,4-Dichlorobenzene		9.6	2.0
5	1,2-Dichlorobenzene		11	2.0
6	2,2-oxybis(1-Chloropropane)		12	2.0
7	n-Nitrosodi-n-propylamine		12	2.0
8	Hexachloroethane		7.1	2.0
9	Nitrobenzene		9.6	2.0
10	Isophorone		13	2.0
11	bis(2-Chloroethoxy)methane		12	2.0
12	1,2,4-Trichlorobenzene		11	2.0
13	Naphthalene		13	2.0
14	Hexachlorobutadiene		8.2	2.0
15	2-Chloronaphthalene		13	2.0
16	Dimethylphthalate		13	2.0
17	2,6-Dinitrotoluene		6.9	2.0
18	Acenaphthylene		12	2.0
19	Acenaphthene		13	2.0
20	2,4-Dinitrotoluene		6.6	2.0
21	Diethylphthalate		14	2.0
22	4-Chlorophenylphenylether		13	2.0
23	Fluorene		14	2.0
24	Azobenzene		11	2.0
25	n-Nitrosodiphenylamine		13	2.0
26	4-Bromophenylphenylether		13	2.0
27	Hexachlorobenzene		14	2.0
28	Phenanthrene		13	2.0
29	Anthracene		12	2.0
30	Di-n-butylphthalate		13	2.0
31	Fluoranthene		12	2.0
32	Pyrene		15	2.0
33	Butylbenzylphthalate		13	2.0
34	Benzo(a)anthracene		12	2.0
35	bis(2-Ethylhexyl)phthalate		13	2.0
36	Chrysene		13	2.0
37	Di-n-octylphthalate		10	2.0
38	Benzo(b)fluoranthene		11	2.0
39	Benzo(k)fluoranthene		12	2.0
40	Benzo(a)pyrene		10	2.0
41	Indeno(1,2,3-cd)pyrene		12	2.0
42	Dibenz(a,h)anthracene		13	2.0
43	Benzo(g,h,i)perylene		14	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 09:36:34

Sample: AE09450
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/2/20 00:06 Ended: 5/2/20 00:06 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		40	2.0
2	bis(2-Chloroethyl)ether		55	2.0
3	1,3-Dichlorobenzene		50	2.0
4	1,4-Dichlorobenzene		48	2.0
5	1,2-Dichlorobenzene		55	2.0
6	2,2-oxybis(1-Chloropropane)		60	2.0
7	n-Nitrosodi-n-propylamine		60	2.0
8	Hexachloroethane		36	2.0
9	Nitrobenzene		48	2.0
10	Isophorone		65	2.0
11	bis(2-Chloroethoxy)methane		60	2.0
12	1,2,4-Trichlorobenzene		55	2.0
13	Naphthalene		65	2.0
14	Hexachlorobutadiene		41	2.0
15	2-Chloronaphthalene		65	2.0
16	Dimethylphthalate		65	2.0
17	[illegible]		[illegible]	[illegible]
18	Acenaphthylene		60	2.0
19	Acenaphthene		65	2.0
20	[illegible]		[illegible]	[illegible]
21	Diethylphthalate		70	2.0
22	4-Chlorophenylphenylether		65	2.0
23	Fluorene		70	2.0
24	Azobenzene		55	2.0
25	n-Nitrosodiphenylamine		65	2.0
26	4-Bromophenylphenylether		65	2.0
27	Hexachlorobenzene		70	2.0
28	Phenanthrene		65	2.0
29	Anthracene		60	2.0
30	[illegible]		[illegible]	[illegible]
31	Fluoranthene		60	2.0
32	Pyrene		75	2.0
33	[illegible]		[illegible]	[illegible]
34	Benzo(a)anthracene		60	2.0
35	bis(2-Ethylhexyl)phthalate		65	2.0
36	Chrysene		65	2.0
37	[illegible]		[illegible]	[illegible]
38	[illegible]		[illegible]	[illegible]
39	[illegible]		[illegible]	[illegible]
40	Benzo(a)pyrene		50	2.0
41	Indeno(1,2,3-cd)pyrene		60	2.0
42	Dibenz(a,h)anthracene		65	2.0
43	Benzo(g,h,i)perylene		70	2.0

Data File : C:\HPCHEM\1\DATA\MAY0202\REF2.D Vial: 5
Acq On : 2 May 2002 6:41 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:14 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	576769	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2122210	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1137703	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1593909	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	965024	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	613530	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	39030	7.05	ug/L	-0.02
Spiked Amount 10.000			Recovery = 70.50%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	125544	7.96	ug/l	97
3) bis(2-Chloroethyl)ether	11.59	93	232976	11.39	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	179231	9.97	ug/l	98
5) 1,4-Dichlorobenzene	12.24	146	189198	9.63	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	185111	10.87	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.07	45	497613	11.77	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	177576	11.58	ug/l	99
9) Hexachloroethane	13.61	117	52086	7.06	ug/l	95
11) Nitrobenzene	13.87	77	185771	9.61	ug/l	97
12) Isophorone	14.52	82	499873	13.34	ug/l	98
13) bis(2-Chloroethoxy)methane	15.21	93	279695	11.76	ug/l	100
14) 1,2,4-Trichlorobenzene	15.71	180	153475	10.68	ug/l	99
15) Naphthalene	15.89	128	556531	12.53	ug/l	99
16) Hexachlorobutadiene	16.43	225	53999	8.18	ug/l	97
18) Hexachlorocyclopentadiene	18.63	237	24651	4.28	ug/l	97
19) 2-Chloronaphthalene	19.39	162	335114	13.34	ug/l	99
20) Dimethylphthalate	20.49	163	410922	12.85	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	48087	6.92	ug/l	95
22) Acenaphthylene	20.66	152	525042	11.61	ug/l	100
23) Acenaphthene	21.23	153	347565	13.10	ug/l	100
24) 2,4-Dinitrotoluene	21.87	165	49481	6.64	ug/l	96
25) Diethylphthalate	22.62	149	404646	13.95	ug/l	100
26) 4-Chlorophenyl-phenylether	22.77	204	174860	12.74	ug/l	99
27) Fluorene	22.75	166	381716	13.50	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	439033	11.27	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	140814	13.32	ug/l	95
32) 4-Bromophenyl-phenylether	24.24	248	97255	12.56	ug/l	97
33) Hexachlorobenzene	24.68	284	119044	13.77	ug/l	99
34) Phenanthrene	25.65	178	501412	12.98	ug/l	99

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

Data File : C:\HPCHEM\1\DATA\MAY0202\REF2.D Vial: 5
Acq On : 2 May 2002 6:41 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:14 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	480518	11.81	ug/l	99
36)	Di-n-butylphthalate	27.55	149	664787	12.58	ug/l	100
37)	Fluoranthene	29.27	202	472247	12.23	ug/l	100
39)	Pyrene	29.94	202	486692	14.60	ug/l	96
40)	Butylbenzylphthalate	32.08	149	226050	12.63	ug/l	99
41)	Benzo(a)anthracene	33.59	228	322374	12.43	ug/l	98
42)	Bis(2-ethylhexyl)phthalate	33.87	149	292797	12.71	ug/l	100
43)	Chrysene	33.71	228	331117	13.13	ug/l	99
45)	Di-n-Octylphthalate	35.61	149	362451	9.99	ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	245298	10.96	ug/l	98
47)	Benzo(k)fluoranthene	36.75	252	279113	12.05	ug/l	98
48)	Benzo(a)pyrene	37.68	252	205269	9.96	ug/l	98
49)	Indeno(1,2,3-cd)pyrene	41.96	276	216737	12.49	ug/l	95
50)	Dibenz(a,h)anthracene	42.03	278	177559	12.94	ug/l	98
51)	Benzo(g,h,i)perylene	43.19	276	190310	14.33	ug/l	96

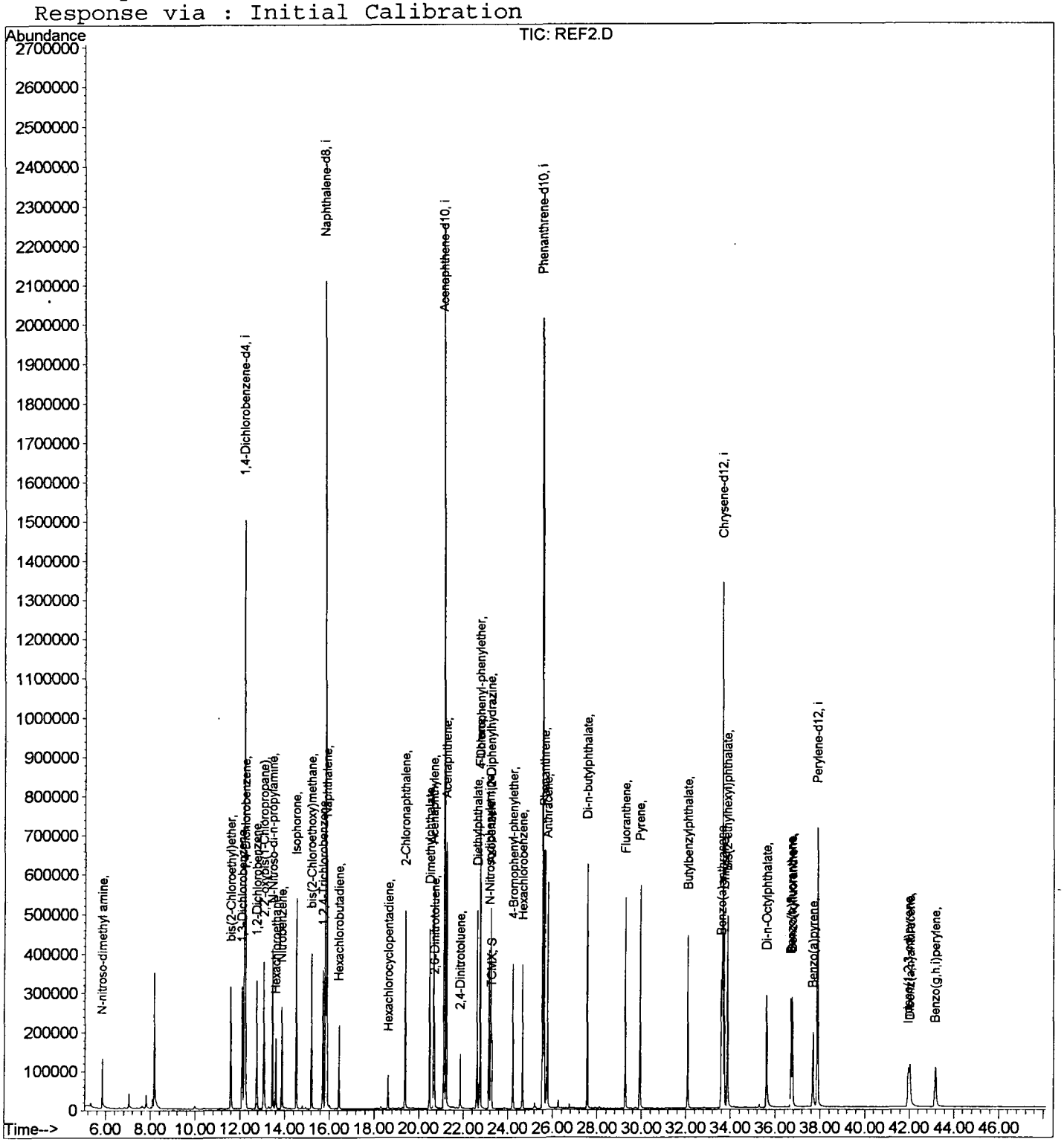
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\MAY0202\REF2.D
Acq On : 2 May 2002 6:41 pm
Sample : GC/MS SCAN 4/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 3 8:14 2002

Vial: 5
Operator:
Inst : 209
Multiplr: 1.00

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



Data File : C:\HPCHEM\1\DATA\MAY0202\REF1.D Vial: 4
Acq On : 2 May 2002 5:41 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:22 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	615660	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2282354	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1227648	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1760971	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	1157273	40.00	ug/l	-0.02
44) Perylene-d12	37.88	264	756090	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	38003	6.36	ug/L	-0.02
Spiked Amount 10.000			Recovery = 63.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	120137	7.14	ug/l	97
3) bis(2-Chloroethyl)ether	11.59	93	231322	10.59	ug/l	97
4) 1,3-Dichlorobenzene	12.09	146	187873	9.79	ug/l	97
5) 1,4-Dichlorobenzene	12.24	146	196607	9.38	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	192680	10.60	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.07	45	494215	10.95	ug/l	98
8) N-Nitroso-di-n-propylamine	13.46	70	181460	11.09	ug/l	99
9) Hexachloroethane	13.61	117	57463	7.30	ug/l	100
11) Nitrobenzene	13.87	77	178608	8.59	ug/l	98
12) Isophorone	14.52	82	512719	12.72	ug/l	98
13) bis(2-Chloroethoxy)methane	15.20	93	281869	11.02	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	160809	10.40	ug/l	99
15) Naphthalene	15.89	128	568203	11.89	ug/l	100
16) Hexachlorobutadiene	16.43	225	61301	8.63	ug/l	98
18) Hexachlorocyclopentadiene	18.63	237	26805	4.31	ug/l	97
19) 2-Chloronaphthalene	19.39	162	344216	12.70	ug/l	99
20) Dimethylphthalate	20.49	163	435380	12.62	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	48178	6.43	ug/l	97
22) Acenaphthylene	20.66	152	536917	11.01	ug/l	99
23) Acenaphthene	21.23	153	357367	12.49	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	52185	6.49	ug/l	95
25) Diethylphthalate	22.62	149	429737	13.73	ug/l	100
26) 4-Chlorophenyl-phenylether	22.77	204	182113	12.30	ug/l	99
27) Fluorene	22.75	166	400311	13.12	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	472237	11.23	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	140519	12.04	ug/l	98
32) 4-Bromophenyl-phenylether	24.24	248	103142	12.06	ug/l	96
33) Hexachlorobenzene	24.68	284	122308	12.80	ug/l	98
34) Phenanthrene	25.65	178	541332	12.68	ug/l	99

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

Data File : C:\HPCHEM\1\DATA\MAY0202\REF1.D Vial: 4
Acq On : 2 May 2002 5:41 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:22 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	512246	11.40	ug/l	100
36)	Di-n-butylphthalate	27.55	149	721368	12.36	ug/l	99
37)	Fluoranthene	29.27	202	528468	12.39	ug/l	100
39)	Pyrene	29.94	202	545036	13.63	ug/l	96
40)	Butylbenzylphthalate	32.08	149	255362	11.90	ug/l	99
41)	Benzo(a)anthracene	33.59	228	379332	12.19	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	342239	12.39	ug/l	99
43)	Chrysene	33.72	228	389325	12.87	ug/l	98
45)	Di-n-Octylphthalate	35.61	149	443099	9.91	ug/l	98
46)	Benzo(b)fluoranthene	36.69	252	320171m	11.60	ug/l	
47)	Benzo(k)fluoranthene	36.76	252	347576m	12.17	ug/l	
48)	Benzo(a)pyrene	37.67	252	250531	9.86	ug/l	100
49)	Indeno(1,2,3-cd)pyrene	41.95	276	272371	12.74	ug/l	98
50)	Dibenz(a,h)anthracene	42.02	278	226967	13.42	ug/l	99
51)	Benzo(g,h,i)perylene	43.18	276	237138	14.49	ug/l	99

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

Data File : C:\HPCHEM\1\DATA\MAY0202\REF1.D
Acq On : 2 May 2002 5:41 pm
Sample : GC/MS SCAN 4/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 3 8:22 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00

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