User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 09:12:24

Sample: AE10772
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/11/20 00:01 Ended: 5/11/20 00:01 Analyst: MG
Result source: c:\hpchem\1\data\may1002\refa1.d\refa1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		10	2.0
2	bis(2-Chloroethyl)ether		15	2.0
3	1,3-Dichlorobenzene		12	2.0
4	1,4-Dichlorobenzene		11	2.0
5	1,2-Dichlorobenzene		13	2.0
6	2,2-oxybis(1-Chloropropane)		16	2.0
7	n-Nitrosodi-n-propylamine		15	2.0
8	Hexachloroethane		7.7	2.0
9	Nitrobenzene		14	2.0
10	Isophorone		17	2.0
11	bis(2-Chloroethoxy)methane		15	2.0
12	1,2,4-Trichlorobenzene		13	2.0
13	Naphthalene		16	2.0
14	Hexachlorobutadiene		7.7	2.0
15	2-Chloronaphthalene		16	2.0
16	Dimethylphthalate		16	2.0
17	2,6-Dinitrotoluene		12	2.0
18	Acenaphthylene		14	2.0
19	Acenaphthene		16	2.0
20	2,4-Dinitrotoluene		13	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		15	2.0
23	Fluorene		17	2.0
24	Azobenzene		15	2.0
25	n-Nitrosodiphenylamine		16	2.0
26	4-Bromophenylphenylether		15	2.0
27	Hexachlorobenzene		16	2.0
28	Phenanthrene		16	2.0
29	Anthracene		14	2.0
30	Di-n-butylphthalate		16	2.0
31	Fluoranthene		15	2.0
32	Pyrene		19	2.0
33	Butylbenzylphthalate		16	2.0
34	Benzo(a)anthracene		15	2.0
35	bis(2-Ethylhexyl)phthalate		16	2.0
36	Chrysene		16	2.0
37	Di-n-octylphthalate		13	2.0
38	Benzo(b)fluoranthene		14	2.0
39	Benzo(k)fluoranthene		15	2.0
40	Benzo(a)pyrene		11	2.0
41	Indeno(1,2,3-cd)pyrene		13	2.0
42	Dibenz(a,h)anthracene		14	2.0
43	Benzo(g,h,i)perylene		15	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 09:12:36

Sample: AE10772
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/11/20 00:01 Ended: 5/11/20 00:01 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		50	2.0
2	bis(2-Chloroethyl)ether		75	2.0
3	1,3-Dichlorobenzene		60	2.0
4	1,4-Dichlorobenzene		55	2.0
5	1,2-Dichlorobenzene		65	2.0
6	2,2-oxybis(1-Chloropropane)		80	2.0
7	n-Nitrosodi-n-propylamine		75	2.0
8	Hexachloroethane		38	2.0
9	Nitrobenzene		70	2.0
10	Isophorone		85	2.0
11	bis(2-Chloroethoxy)methane		75	2.0
12	1,2,4-Trichlorobenzene		65	2.0
13	Naphthalene		80	2.0
14	Hexachlorobutadiene		38	2.0
15	2-Chloronaphthalene		80	2.0
16	Dimethylphthalate		80	2.0
17	2,6-Dinitrotoluene		60	2.0
18	Acenaphthylene		70	2.0
19	Acenaphthene		80	2.0
20	2,4-Dinitrotoluene		65	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		75	2.0
23	Fluorene		85	2.0
24	Azobenzene		75	2.0
25	n-Nitrosodiphenylamine		80	2.0
26	4-Bromophenylphenylether		75	2.0
27	Hexachlorobenzene		80	2.0
28	Phenanthrene		80	2.0
29	Anthracene		70	2.0
30	Di-n-butylphthalate		80	2.0
31	Fluoranthene		75	2.0
32	Pyrene		95	2.0
33	Butylbenzylphthalate		80	2.0
34	Benzo(a)anthracene		75	2.0
35	bis(2-Ethylhexyl)phthalate		80	2.0
36	Chrysene		80	2.0
37	Di-n-octylphthalate		65	2.0
38	Benzo(b)fluoranthene		70	2.0
39	Benzo(k)fluoranthene		75	2.0
40	Benzo(a)pyrene		55	2.0
41	Indeno(1,2,3-cd)pyrene		65	2.0
42	Dibenz(a,h)anthracene		70	2.0
43	Benzo(g,h,i)perylene		75	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA1.D Vial: 14
Acq On : 11 May 2002 1:44 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 12:50 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	562444	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	2029135	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.11	164	1102693	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1495960	40.00	ug/l	-0.02
38) Chrysene-d12	33.61	240	848654	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	538364	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	40370	7.36	ug/L	-0.03
Spiked Amount 10.000			Recovery =	73.60% ✓		
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.82	74	145578	10.28	ug/l	99
3) bis(2-Chloroethyl)ether	11.56	93	269407	14.66	ug/l	97
4) 1,3-Dichlorobenzene	12.06	146	201872	11.58	ug/l	98
5) 1,4-Dichlorobenzene	12.21	146	213632	11.20	ug/l	100
6) 1,2-Dichlorobenzene	12.72	146	213489	12.86	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.04	45	554208	15.56	ug/l	99
8) N-Nitrosodi-n-propylamine	13.43	70	197046	15.01	ug/l	98
9) Hexachloroethane	13.57	117	52119	7.68	ug/l	96
11) Nitrobenzene	13.84	77	228239	13.85	ug/l	100
12) Isophorone	14.49	82	558499	17.30	ug/l	97
13) bis(2-Chloroethoxy)methane	15.18	93	313345	14.98	ug/l	99
14) 1,2,4-Trichlorobenzene	15.68	180	176788	12.55	ug/l	99
15) Naphthalene	15.86	128	649447	15.55	ug/l	99
16) Hexachlorobutadiene	16.41	225	50267	7.71	ug/l	99
18) Hexachlorocyclopentadiene	18.60	237	12541	2.24	ug/l	96
19) 2-Chloronaphthalene	19.36	162	396925	16.48	ug/l	99
20) Dimethylphthalate	20.46	163	478117	15.76	ug/l	100
21) 2,6-Dinitrotoluene	20.67	165	78587	12.11	ug/l	99
22) Acenaphthylene	20.63	152	615828	14.35	ug/l	100
23) Acenaphthene	21.20	153	408879	15.98	ug/l	100
24) 2,4-Dinitrotoluene	21.84	165	90870	12.99	ug/l	91
25) Diethylphthalate	22.59	149	467663	17.21	ug/l	100
26) 4-Chlorophenylphenylether	22.74	204	203996	15.19	ug/l	99
27) Fluorene	22.72	166	447354	16.58	ug/l	98
29) Azobenzene	23.20	77	490102	14.57	ug/L	98
31) N-Nitrosodiphenylamine	23.13	168	148910	15.94	ug/l	94
32) 4-Bromophenylphenylether	24.21	248	111356	15.05	ug/l	97
33) Hexachlorobenzene	24.64	284	131885	15.60	ug/l	99
34) Phenanthrene	25.61	178	577015	16.08	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA1.D Vial: 14
Acq On : 11 May 2002 1:44 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 12:50 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

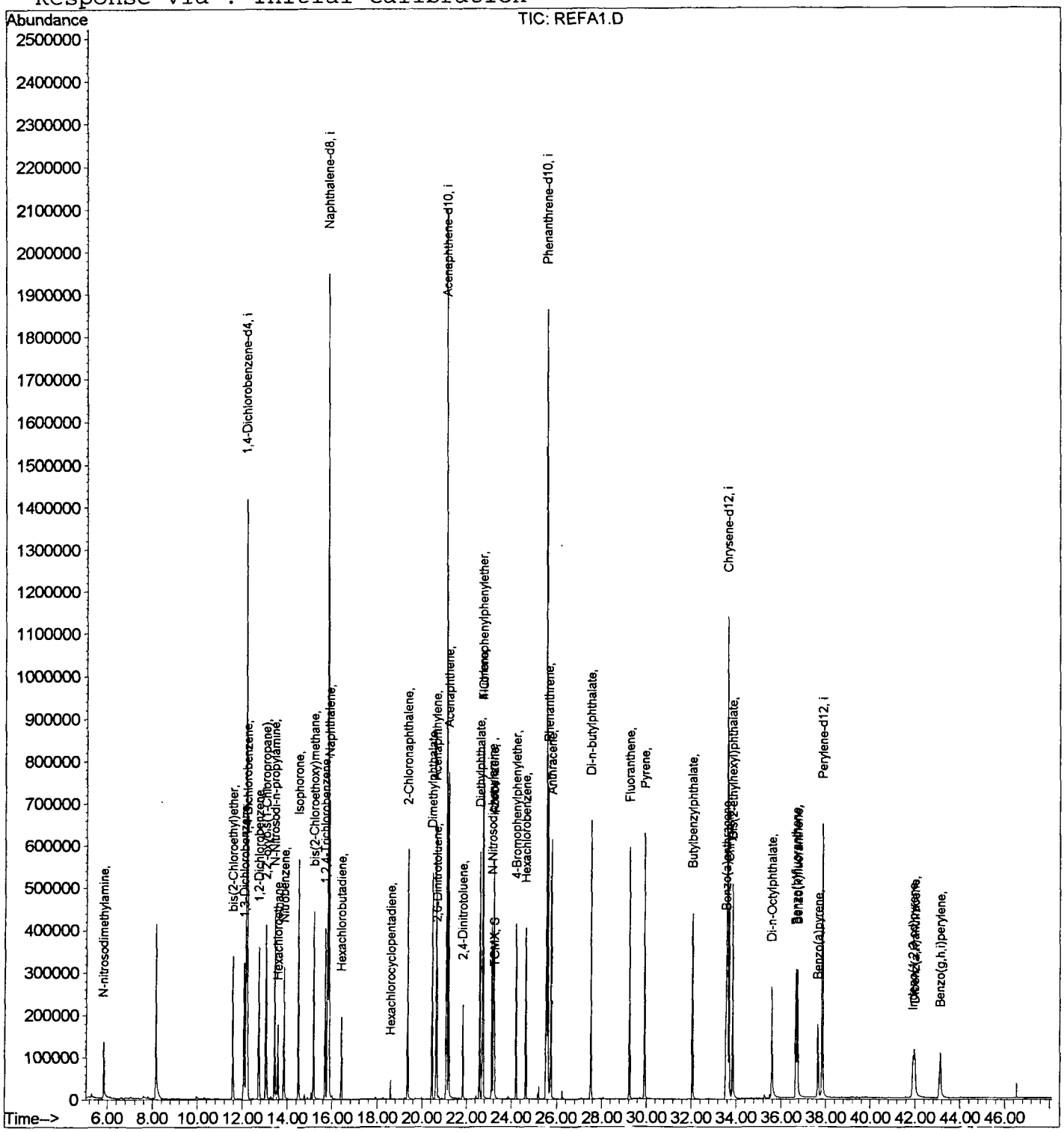
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.74	178	518581	13.89	ug/l	99
36)	Di-n-butylphthalate	27.52	149	749647	16.18	ug/l	99
37)	Fluoranthene	29.23	202	525666	14.66	ug/l	99
39)	Pyrene	29.91	202	537256	18.78	ug/l	96
40)	Butylbenzylphthalate	32.06	149	235024	16.14	ug/l	94
41)	Benzo(a)anthracene	33.56	228	335094	15.19	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.83	149	310457	16.08	ug/l	99
43)	Chrysene	33.69	228	357593	16.24	ug/l	99
45)	Di-n-Octylphthalate	35.58	149	361761	12.86	ug/l	99
46)	Benzo(b)fluoranthene	36.66	252	263891	13.67	ug/l	98
47)	Benzo(k)fluoranthene	36.72	252	311267	15.24	ug/l	99
48)	Benzo(a)pyrene	37.64	252	190919	10.95	ug/l	99
49)	Indeno(1,2,3-cd)pyrene	41.90	276	220915	13.34	ug/l	98
50)	Dibenz(a,h)anthracene	41.97	278	184340	13.97	ug/l	99
51)	Benzo(g,h,i)perylene	43.12	276	202723	15.30	ug/l	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA1.D Vial: 14
Acq On : 11 May 2002 1:44 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 12:50 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA2.D Vial: 15
Acq On : 11 May 2002 2:43 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 13:02 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	536849	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1959858	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1063730	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1438048	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	902714	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	590221	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.25	209	37962	7.17	ug/L	-0.03
Spiked Amount 10.000			Recovery = 71.70%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.83	74	131991	9.76	ug/l	96
3) bis(2-Chloroethyl)ether	11.56	93	245094	13.98	ug/l	96
4) 1,3-Dichlorobenzene	12.06	146	186292	11.20	ug/l	99
5) 1,4-Dichlorobenzene	12.20	146	199580	10.96	ug/l	99
6) 1,2-Dichlorobenzene	12.73	146	197576	12.47	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.05	45	510967	15.03	ug/l	98
8) N-Nitrosodi-n-propylamine	13.43	70	181416	14.48	ug/l	97
9) Hexachloroethane	13.57	117	48271	7.45	ug/l	96
11) Nitrobenzene	13.84	77	210399	13.22	ug/l	98
12) Isophorone	14.49	82	509293	16.33	ug/l	97
13) bis(2-Chloroethoxy)methane	15.17	93	284794	14.09	ug/l	100
14) 1,2,4-Trichlorobenzene	15.69	180	163065	11.98	ug/l	100
15) Naphthalene	15.85	128	598295	14.84	ug/l	99
16) Hexachlorobutadiene	16.40	225	44195	7.02	ug/l	99
18) Hexachlorocyclopentadiene	18.60	237	12455	2.31	ug/l	99
19) 2-Chloronaphthalene	19.36	162	361671	15.56	ug/l	98
20) Dimethylphthalate	20.45	163	440826	15.06	ug/l	99
21) 2,6-Dinitrotoluene	20.67	165	73978	11.82	ug/l	95
22) Acenaphthylene	20.63	152	559237	13.50	ug/l	100
23) Acenaphthene	21.19	153	376093	15.24	ug/l	100
24) 2,4-Dinitrotoluene	21.83	165	83788	12.42	ug/l	94
25) Diethylphthalate	22.59	149	435987	16.64	ug/l	99
26) 4-Chlorophenylphenylether	22.74	204	184681	14.26	ug/l	98
27) Fluorene	22.71	166	403732	15.51	ug/l	99
29) Azobenzene	23.21	77	443935	13.68	ug/L	96
31) N-Nitrosodiphenylamine	23.13	168	137978	15.36	ug/l	97
32) 4-Bromophenylphenylether	24.21	248	100916	14.19	ug/l	97
33) Hexachlorobenzene	24.64	284	121063	14.90	ug/l	97
34) Phenanthrene	25.61	178	524514	15.20	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA2.D Vial: 15
Acq On : 11 May 2002 2:43 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 13:02 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.75	178	473703	13.20	ug/l	99
36)	Di-n-butylphthalate	27.52	149	706784	15.87	ug/l	100
37)	Fluoranthene	29.24	202	496574	14.41	ug/l	99
39)	Pyrene	29.92	202	511788	16.82	ug/l	96
40)	Butylbenzylphthalate	32.06	149	238384	15.39	ug/l	92
41)	Benzo(a)anthracene	33.55	228	339653	14.47	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.84	149	322110	15.68	ug/l	99
43)	Chrysene	33.68	228	359408	15.34	ug/l	99
45)	Di-n-Octylphthalate	35.58	149	405880	13.16	ug/l	100
46)	Benzo(b)fluoranthene	36.66	252	276523	13.07	ug/l	99
47)	Benzo(k)fluoranthene	36.73	252	320831	14.32	ug/l	99
48)	Benzo(a)pyrene	37.64	252	202505	10.59	ug/l	100
49)	Indeno(1,2,3-cd)pyrene	41.90	276	224858	12.38	ug/l	98
50)	Dibenz(a,h)anthracene	41.99	278	183571	12.69	ug/l	99
51)	Benzo(g,h,i)perylene	43.12	276	207586	14.29	ug/l	99

(#) = qualifier out of range (m) = manual integration
REFA2.D GCMS0510.M Mon May 13 13:04:18 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\REFA2.D Vial: 15
Acq On : 11 May 2002 2:43 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 13:02 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration