User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 11:45:58

Sample: AE11306
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/21/20 00:05 Ended: 5/21/20 00:05 Analyst: MG
Result source: c:\hpchem\1\data\may2102\ref1b.d\ref1b.rr
Page: 1

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

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 11:46:05

Sample: AE11306
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/21/20 00:05 Ended: 5/21/20 00:05 Analyst: MG
Result source: calculation
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REF1B.D Vial: 18
Acq On : 21 May 2002 5:32 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:04 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	387881	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1518973	40.00	ug/l		-0.02
17) Acenaphthene-d10	21.08	164	720523	40.00	ug/l		0.00
30) Phenanthrene-d10	25.52	188	947211	40.00	ug/l		-0.02
38) Chrysene-d12	33.58	240	549878	40.00	ug/l		-0.03
44) Perylene-d12	37.79	264	346225	40.00	ug/l		-0.02
System Monitoring Compounds							
28) TCMX	23.23	209	133470	36.86	ug/L		0.00
Spiked Amount 40.000			Recovery = 92.15%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.79	74	132765	11.40	ug/l		92
3) bis(2-Chloroethyl)ether	11.54	93	270113	17.51	ug/l		94
4) 1,3-Dichlorobenzene	12.04	146	196407	15.74	ug/l		96
5) 1,4-Dichlorobenzene	12.18	146	205048	14.99	ug/l		97
6) 1,2-Dichlorobenzene	12.70	146	198813	16.78	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.03	45	594346	17.03	ug/l		99
8) N-Nitrosodi-n-propylamine	13.41	70	180733	16.50	ug/l		96
9) Hexachloroethane	13.55	117	69600	11.92	ug/l	#	80
11) Nitrobenzene	13.82	77	234874	17.79	ug/l		94
12) Isophorone	14.47	82	530257	20.28	ug/l		99
13) bis(2-Chloroethoxy)methane	15.15	93	315782	18.02	ug/l		99
14) 1,2,4-Trichlorobenzene	15.67	180	151603	15.98	ug/l		99
15) Naphthalene	15.83	128	651492	19.00	ug/l		100
16) Hexachlorobutadiene	16.38	225	56978	12.41	ug/l		99
18) Hexachlorocyclopentadiene	18.57	237	10584	3.62	ug/l		93
19) 2-Chloronaphthalene	19.33	162	322886	20.11	ug/l		95
20) Dimethylphthalate	20.43	163	382329	18.91	ug/l		99
21) 2,6-Dinitrotoluene	20.64	165	74363	17.67	ug/l		91
22) Acenaphthylene	20.61	152	495159	16.83	ug/l		99
23) Acenaphthene	21.17	153	344059	19.57	ug/l		99
24) 2,4-Dinitrotoluene	21.82	165	86721	18.80	ug/l		100
25) Diethylphthalate	22.57	149	391151	20.94	ug/l		96
26) 4-Chlorophenylphenylether	22.71	204	158851	17.01	ug/l		94
27) Fluorene	22.70	166	346303	19.43	ug/l		99
29) Azobenzene	23.18	77	459666	17.08	ug/L		97
31) N-Nitrosodiphenylamine	23.11	168	86346	13.83	ug/l		98
32) 4-Bromophenylphenylether	24.18	248	84777	17.14	ug/l		92
33) Hexachlorobenzene	24.61	284	95528	18.01	ug/l	#	85
34) Phenanthrene	25.58	178	449278	19.67	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REF1B.D Vial: 18
Acq On : 21 May 2002 5:32 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:04 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.72	178	388336	16.52	ug/l		99
36)	Di-n-butylphthalate	27.50	149	681792	21.93	ug/l		99
37)	Fluoranthene	29.21	202	407146	17.62	ug/l	#	92
39)	Pyrene	29.88	202	420727	20.87	ug/l	#	91
40)	Butylbenzylphthalate	32.02	149	199534	19.37	ug/l		91
41)	Benzo(a)anthracene	33.53	228	264860	17.60	ug/l		100
42)	Bis(2-ethylhexyl)phthalate	33.81	149	253118	18.69	ug/l		96
43)	Chrysene	33.65	228	285435	19.21	ug/l		99
45)	Di-n-Octylphthalate	35.55	149	313391	15.65	ug/l	#	95
46)	Benzo(b)fluoranthene	36.62	252	216687	16.79	ug/l		97
47)	Benzo(k)fluoranthene	36.69	252	239220	17.92	ug/l		97
48)	Benzo(a)pyrene	37.60	252	147313	12.30	ug/l	#	96
49)	Indeno(1,2,3-cd)pyrene	41.83	276	182190	15.82	ug/l		94
50)	Dibenz(a,h)anthracene	41.90	278	154827	16.83	ug/l	#	94
51)	Benzo(g,h,i)perylene	43.04	276	157901	17.16	ug/l	#	91

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

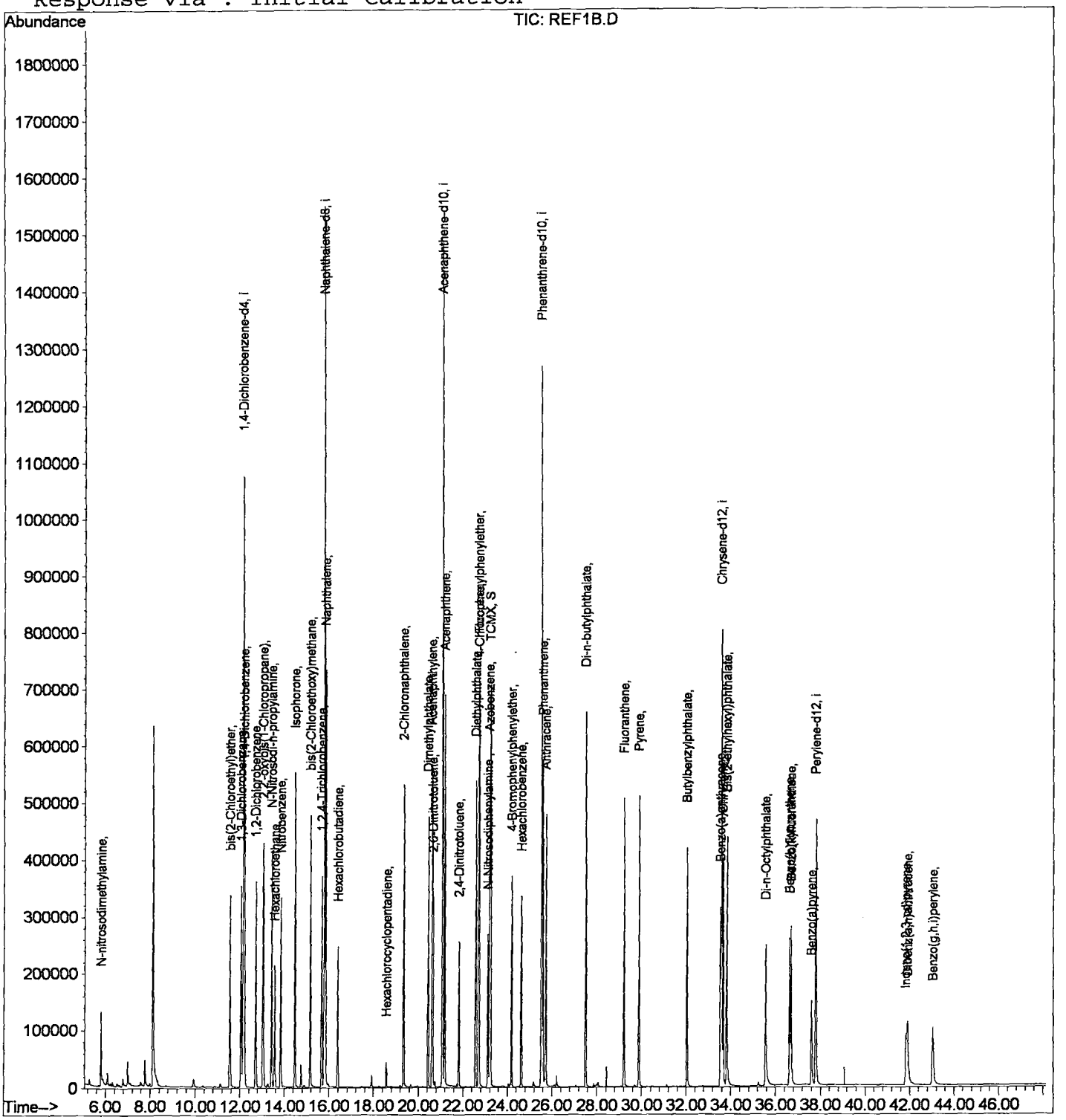
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\REF1B.D
Acq On : 21 May 2002 5:32 pm
Sample : EXTRACT5/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 22 9:04 2002

Vial: 18
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REF2B.D Vial: 19
Acq On : 21 May 2002 6:32 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:06 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	401600	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1571931	40.00	ug/l		-0.02
17) Acenaphthene-d10	21.08	164	748845	40.00	ug/l		0.00
30) Phenanthrene-d10	25.53	188	1009094	40.00	ug/l		0.00
38) Chrysene-d12	33.58	240	568586	40.00	ug/l		-0.03
44) Perylene-d12	37.79	264	327202	40.00	ug/l		-0.02
System Monitoring Compounds							
28) TCMX	23.23	209	142502	37.86	ug/L		0.00
Spiked Amount 40.000			Recovery = 94.65%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.80	74	133719	11.09	ug/l		98
3) bis(2-Chloroethyl)ether	11.54	93	269871	16.90	ug/l		96
4) 1,3-Dichlorobenzene	12.04	146	199176	15.41	ug/l		97
5) 1,4-Dichlorobenzene	12.18	146	207102	14.63	ug/l		98
6) 1,2-Dichlorobenzene	12.70	146	202283	16.49	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.03	45	608776	16.85	ug/l		98
8) N-Nitrosodi-n-propylamine	13.41	70	185651	16.37	ug/l		95
9) Hexachloroethane	13.55	117	71117	11.76	ug/l	#	80
11) Nitrobenzene	13.82	77	237676	17.40	ug/l		93
12) Isophorone	14.47	82	539574	19.94	ug/l		99
13) bis(2-Chloroethoxy)methane	15.15	93	321426	17.72	ug/l		100
14) 1,2,4-Trichlorobenzene	15.67	180	151287	15.41	ug/l		98
15) Naphthalene	15.83	128	654593	18.44	ug/l		99
16) Hexachlorobutadiene	16.38	225	57148	12.03	ug/l		98
18) Hexachlorocyclopentadiene	18.58	237	10956	3.61	ug/l		96
19) 2-Chloronaphthalene	19.34	162	326637	19.57	ug/l		96
20) Dimethylphthalate	20.44	163	394509	18.78	ug/l		100
21) 2,6-Dinitrotoluene	20.65	165	76607	17.52	ug/l	#	90
22) Acenaphthylene	20.61	152	505998	16.55	ug/l		100
23) Acenaphthene	21.17	153	352952	19.32	ug/l		98
24) 2,4-Dinitrotoluene	21.81	165	92301	19.25	ug/l		92
25) Diethylphthalate	22.57	149	405977	20.91	ug/l		96
26) 4-Chlorophenylphenylether	22.72	204	163951	16.89	ug/l		95
27) Fluorene	22.69	166	359025	19.38	ug/l		98
29) Azobenzene	23.18	77	485165	17.35	ug/L		95
31) N-Nitrosodiphenylamine	23.11	168	99210	14.92	ug/l		94
32) 4-Bromophenylphenylether	24.19	248	88250	16.75	ug/l		94
33) Hexachlorobenzene	24.62	284	98999	17.52	ug/l	#	89
34) Phenanthrene	25.59	178	470227	19.32	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REF2B.D Vial: 19
Acq On : 21 May 2002 6:32 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:06 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.72	178	414547	16.56	ug/l		99
36)	Di-n-butylphthalate	27.50	149	721408	21.78	ug/l		99
37)	Fluoranthene	29.21	202	435724	17.70	ug/l	#	90
39)	Pyrene	29.89	202	444037	21.30	ug/l		95
40)	Butylbenzylphthalate	32.02	149	214950	20.18	ug/l		92
41)	Benzo(a)anthracene	33.53	228	271094	17.42	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.81	149	270237	19.29	ug/l		96
43)	Chrysene	33.65	228	290432	18.90	ug/l		99
45)	Di-n-Octylphthalate	35.55	149	311605	16.46	ug/l	#	95
46)	Benzo(b)fluoranthene	36.62	252	208231	17.08	ug/l		98
47)	Benzo(k)fluoranthene	36.69	252	231326	18.34	ug/l		97
48)	Benzo(a)pyrene	37.59	252	138322	12.22	ug/l	#	94
49)	Indeno(1,2,3-cd)pyrene	41.83	276	160983	14.80	ug/l		93
50)	Dibenz(a,h)anthracene	41.90	278	136363	15.69	ug/l	#	94
51)	Benzo(g,h,i)perylene	43.03	276	141415	16.26	ug/l		94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\REF2B.D
Acq On : 21 May 2002 6:32 pm
Sample : EXTRACT5/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 22 9:06 2002

Vial: 19
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration