User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 15:31:10

Sample: AE09447
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/8/20 00:01 Ended: 5/8/20 00:01 Analyst: MG
Result source: c:\hpchem\1\data\may0802\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		12	2.0
2	bis(2-Chloroethyl)ether		17	2.0
3	1,3-Dichlorobenzene		12	2.0
4	1,4-Dichlorobenzene		12	2.0
5	1,2-Dichlorobenzene		14	2.0
6	2,2-oxybis(1-Chloropropane)		18	2.0
7	n-Nitrosodi-n-propylamine		18	2.0
8	Hexachloroethane		7.6	2.0
9	Nitrobenzene		17	2.0
10	Isophorone		20	2.0
11	bis(2-Chloroethoxy)methane		18	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		18	2.0
14	Hexachlorobutadiene		6.7	2.0
15	2-Chloronaphthalene		19	2.0
16	Dimethylphthalate		19	2.0
17	2,6-Dinitrotoluene		17	2.0
18	Acenaphthylene		17	2.0
19	Acenaphthene		18	2.0
20	2,4-Dinitrotoluene		18	2.0
21	Diethylphthalate		21	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		19	2.0
24	Azobenzene		17	2.0
25	n-Nitrosodiphenylamine		21	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		18	2.0
28	Phenanthrene		19	2.0
29	Anthracene		17	2.0
30	Di-n-butylphthalate		20	2.0
31	Fluoranthene		18	2.0
32	Pyrene		24	2.0
33	Butylbenzylphthalate		20	2.0
34	Benzo(a)anthracene		19	2.0
35	bis(2-Ethylhexyl)phthalate		19	2.0
36	Chrysene		20	2.0
37	Di-n-octylphthalate		17	2.0
38	Benzo(b)fluoranthene		19	2.0
39	Benzo(k)fluoranthene		20	2.0
40	Benzo(a)pyrene		14	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		18	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 15:31:21

Sample: AE09447
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/8/20 00:01 Ended: 5/8/20 00:01 Analyst: MG
Result source: calculation
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\REF1.D Vial: 4
Acq On : 8 May 2002 1:30 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:30 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	456825	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1669159	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	915182	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1264751	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	708599	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	409153	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	40671	8.93	ug/L	0.00
Spiked Amount 10.000			Recovery = 89.30%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	134661	11.70	ug/l	97
3) bis(2-Chloroethyl)ether	11.59	93	255378	17.11	ug/l	97
4) 1,3-Dichlorobenzene	12.09	146	175494	12.40	ug/l	96
5) 1,4-Dichlorobenzene	12.24	146	190190	12.28	ug/l	98
6) 1,2-Dichlorobenzene	12.75	146	192207	14.26	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	526496	18.20	ug/l	98
8) N-Nitroso-di-n-propylamine	13.46	70	193521	18.15	ug/l	99
9) Hexachloroethane	13.60	117	41877	7.60	ug/l	95
11) Nitrobenzene	13.87	77	230705	17.02	ug/l	98
12) Isophorone	14.52	82	544081	20.48	ug/l	97
13) bis(2-Chloroethoxy)methane	15.21	93	308471	17.92	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	162570	14.03	ug/l	99
15) Naphthalene	15.88	128	615082	17.91	ug/l	100
16) Hexachlorobutadiene	16.42	225	36102	6.73	ug/l	99
18) Hexachlorocyclopentadiene	18.62	237	13580	2.93	ug/l	97
19) 2-Chloronaphthalene	19.38	162	372721	18.64	ug/l	98
20) Dimethylphthalate	20.47	163	485759	19.29	ug/l	99
21) 2,6-Dinitrotoluene	20.69	165	90422	16.79	ug/l	96
22) Acenaphthylene	20.66	152	594400	16.68	ug/l	100
23) Acenaphthene	21.23	153	392528	18.48	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	105201	18.13	ug/l	88
25) Diethylphthalate	22.61	149	474592	21.05	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	196220	17.61	ug/l	99
27) Fluorene	22.75	166	429656	19.19	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	479114	17.16	ug/L	96
31) N-Nitrosodiphenylamine	23.16	168	162664	20.59	ug/l	93
32) 4-Bromophenyl-phenylether	24.23	248	110270	17.63	ug/l	98
33) Hexachlorobenzene	24.67	284	130375	18.25	ug/l	99
34) Phenanthrene	25.64	178	579358	19.09	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\REF1.D Vial: 4
Acq On : 8 May 2002 1:30 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:30 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.77	178	534957	16.94	ug/l	99
36)	Di-n-butylphthalate	27.55	149	780734	19.94	ug/l	99
37)	Fluoranthene	29.26	202	545776	18.00	ug/l	98
39)	Pyrene	29.94	202	562423	23.55	ug/l	95
40)	Butylbenzylphthalate	32.08	149	245683	20.21	ug/l	96
41)	Benzo(a)anthracene	33.58	228	343702	18.66	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.85	149	311818	19.34	ug/l	98
43)	Chrysene	33.71	228	363929	19.79	ug/l	100
45)	Di-n-Octylphthalate	35.59	149	357239	16.71	ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	275139	18.76	ug/l	98
47)	Benzo(k)fluoranthene	36.75	252	306227	19.72	ug/l	97
48)	Benzo(a)pyrene	37.67	252	190702	14.39	ug/l	98
49)	Indeno(1,2,3-cd)pyrene	41.95	276	199579	15.85	ug/l	96
50)	Dibenz(a,h)anthracene	42.01	278	168711	16.82	ug/l	98
51)	Benzo(g,h,i)perylene	43.16	276	178290	17.70	ug/l	99

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

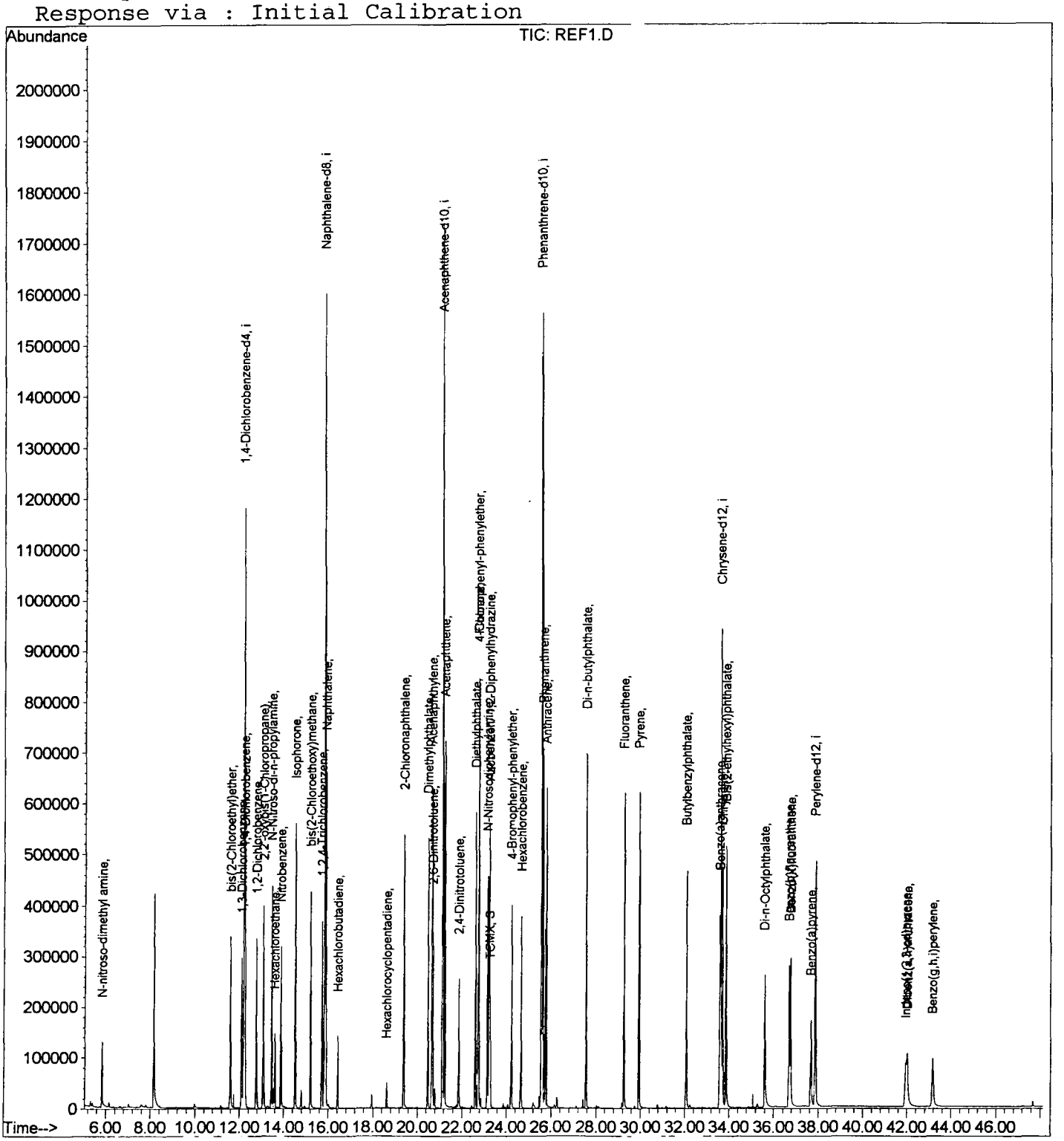
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\REF1.D
Acq On : 8 May 2002 1:30 pm
Sample : GC/MS SCAN 5/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 14:30 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\REF2.D Vial: 5
Acq On : 8 May 2002 2:29 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:31 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	423670	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1539517	40.00	ug/l	0.00
17) Acenaphthene-d10	21.14	164	843482	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1168873	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	672935	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	396757	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	37515	8.94	ug/L	0.00
Spiked Amount 10.000			Recovery = 89.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	127859	11.98	ug/l	99
3) bis(2-Chloroethyl)ether	11.59	93	239469	17.30	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	171083	13.03	ug/l	97
5) 1,4-Dichlorobenzene	12.24	146	185732	12.93	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	185137	14.81	ug/l	97
7) 2,2'-oxybis(1-Chloropropan	13.07	45	497381	18.54	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	179355	18.14	ug/l	99
9) Hexachloroethane	13.60	117	42544	8.33	ug/l	94
11) Nitrobenzene	13.87	77	220131	17.61	ug/l	100
12) Isophorone	14.52	82	506681	20.68	ug/l	97
13) bis(2-Chloroethoxy)methane	15.21	93	288721	18.19	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	156909	14.68	ug/l	99
15) Naphthalene	15.88	128	583372	18.42	ug/l	99
16) Hexachlorobutadiene	16.43	225	38292	7.74	ug/l	97
18) Hexachlorocyclopentadiene	18.62	237	14014	3.28	ug/l	99
19) 2-Chloronaphthalene	19.38	162	359713	19.52	ug/l	98
20) Dimethylphthalate	20.48	163	438919	18.92	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	86045	17.34	ug/l	95
22) Acenaphthylene	20.66	152	561793	17.11	ug/l	100
23) Acenaphthene	21.23	153	375364	19.18	ug/l	100
24) 2,4-Dinitrotoluene	21.86	165	99426	18.59	ug/l	96
25) Diethylphthalate	22.61	149	430880	20.73	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	185818	18.09	ug/l	99
27) Fluorene	22.75	166	407189	19.73	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	451389	17.54	ug/L	97
31) N-Nitrosodiphenylamine	23.16	168	149913	20.53	ug/l	93
32) 4-Bromophenyl-phenylether	24.23	248	103740	17.95	ug/l	99
33) Hexachlorobenzene	24.66	284	122066	18.48	ug/l	97
34) Phenanthrene	25.64	178	537773	19.17	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\REF2.D Vial: 5
Acq On : 8 May 2002 2:29 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:31 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.77	178	497451	17.05 ug/l	100
36) Di-n-butylphthalate	27.55	149	710800	19.64 ug/l	99
37) Fluoranthene	29.26	202	500080	17.85 ug/l	99
39) Pyrene	29.94	202	510939	22.53 ug/l	94
40) Butylbenzylphthalate	32.08	149	233182	20.20 ug/l	93
41) Benzo(a)anthracene	33.58	228	322760	18.45 ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.85	149	319909	20.90 ug/l	99
43) Chrysene	33.71	228	347624	19.91 ug/l	99
45) Di-n-Octylphthalate	35.60	149	342202	16.51 ug/l	99
46) Benzo(b)fluoranthene	36.68	252	270121	18.99 ug/l	100
47) Benzo(k)fluoranthene	36.75	252	289400	19.22 ug/l	97
48) Benzo(a)pyrene	37.67	252	181607	14.13 ug/l	98
49) Indeno(1,2,3-cd)pyrene	41.94	276	195610	16.02 ug/l	96
50) Dibenz(a,h)anthracene	42.01	278	163316	16.79 ug/l	99
51) Benzo(g,h,i)perylene	43.16	276	169972	17.40 ug/l	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\REF2.D
Acq On : 8 May 2002 2:29 pm
Sample : GC/MS SCAN 5/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 14:31 2002

Vial: 5
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration