User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 10:07:18

Sample: AE08684
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/22/20 00:02 Ended: 4/22/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\apr2202\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9.4	2.0
2	bis(2-Chloroethyl)ether		15	2.0
3	1,3-Dichlorobenzene		13	2.0
4	1,4-Dichlorobenzene		13	2.0
5	1,2-Dichlorobenzene		14	2.0
6	2,2-oxybis(1-Chloropropane)		15	2.0
7	n-Nitrosodi-n-propylamine		15	2.0
8	Hexachloroethane		11	2.0
9	Nitrobenzene		14	2.0
10	Isophorone		13	2.0
11	bis(2-Chloroethoxy)methane		16	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		16	2.0
14	Hexachlorobutadiene		10	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		17	2.0
17	2,6-Dinitrotoluene		15	2.0
18	Acenaphthylene		16	2.0
19	Acenaphthene		16	2.0
20	2,4-Dinitrotoluene		15	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		17	2.0
24	Azobenzene		14	2.0
25	n-Nitrosodiphenylamine		12	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		18	2.0
28	Phenanthrene		17	2.0
29	Anthracene		15	2.0
30	Di-n-butylphthalate		17	2.0
31	Fluoranthene		17	2.0
32	Pyrene		17	2.0
33	Butylbenzylphthalate		14	2.0
34	Benzo(a)anthracene		17	2.0
35	bis(2-Ethylhexyl)phthalate		14	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		12	2.0
38	Benzo(b)fluoranthene		16	2.0
39	Benzo(k)fluoranthene		19	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		13	2.0
42	Dibenz(a,h)anthracene		15	2.0
43	Benzo(g,h,i)perylene		14	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 10:07:28

Sample: AE08684
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/22/20 00:02 Ended: 4/22/20 00:02 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		47	2.0
2	bis(2-Chloroethyl)ether		75	2.0
3	1,3-Dichlorobenzene		65	2.0
4	1,4-Dichlorobenzene		65	2.0
5	1,2-Dichlorobenzene		70	2.0
6	2,2-oxybis(1-Chloropropane)		75	2.0
7	n-Nitrosodi-n-propylamine		75	2.0
8	Hexachloroethane		55	2.0
9	Nitrobenzene		70	2.0
10	Isophorone		65	2.0
11	bis(2-Chloroethoxy)methane		80	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		80	2.0
14	Hexachlorobutadiene		50	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		85	2.0
17	2,6-Dinitrotoluene		75	2.0
18	Acenaphthylene		80	2.0
19	Acenaphthene		80	2.0
20	2,4-Dinitrotoluene		75	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		85	2.0
24	Azobenzene		70	2.0
25	n-Nitrosodiphenylamine		60	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		90	2.0
28	Phenanthrene		85	2.0
29	Anthracene		75	2.0
30	Di-n-butylphthalate		85	2.0
31	Fluoranthene		85	2.0
32	Pyrene		85	2.0
33	Butylbenzylphthalate		70	2.0
34	Benzo(a)anthracene		85	2.0
35	bis(2-Ethylhexyl)phthalate		70	2.0
36	Chrysene		90	2.0
37	Di-n-octylphthalate		60	2.0
38	Benzo(b)fluoranthene		80	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		65	2.0
42	Dibenz(a,h)anthracene		75	2.0
43	Benzo(g,h,i)perylene		70	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\REF1.D Vial: 4
Acq On : 22 Apr 2002 12:05 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:51 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	477535	20.00	ug/l		-0.03
10) Naphthalene-d8	15.85	136	1740332	20.00	ug/l		-0.03
17) Acenaphthene-d10	21.15	164	985176	20.00	ug/l		-0.02
30) Phenanthrene-d10	25.59	188	1477129	20.00	ug/l		-0.03
39) Chrysene-d12	33.65	240	998502	20.00	ug/l		-0.03
45) Perylene-d12	37.87	264	610986	20.00	ug/l		-0.05
System Monitoring Compounds							
28) TCMX	23.29	209	44920	9.10	ug/L		-0.04
Spiked Amount 10.000			Recovery =	91.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL		
Spiked Amount 5.000			Recovery =	0.00%			
Target Compounds							Qvalue
2) N-nitroso-dimethyl amine	5.87	74	98035	9.43	ug/l		99
3) bis(2-Chloroethyl)ether	11.60	93	243461	15.05	ug/l		99
4) 1,3-Dichlorobenzene	12.11	146	209823	12.58	ug/l		99
5) 1,4-Dichlorobenzene	12.26	146	217427	12.95	ug/l		99
6) 1,2-Dichlorobenzene	12.77	146	216959	13.92	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	338915	15.16	ug/l		99
8) N-Nitroso-di-n-propylamine	13.48	70	157069	14.81	ug/l		99
9) Hexachloroethane	13.62	117	64692	10.52	ug/l		98
11) Nitrobenzene	13.89	77	220530	14.45	ug/l		99
12) Isophorone	14.54	82	365322	12.65	ug/l		98
13) bis(2-Chloroethoxy)methane	15.22	93	291985	15.53	ug/l		99
14) 1,2,4-Trichlorobenzene	15.73	180	186971	14.13	ug/l		98
15) Naphthalene	15.90	128	652096	15.58	ug/l		99
16) Hexachlorobutadiene	16.45	225	69257	10.47	ug/l		99
18) Hexachlorocyclopentadiene	18.65	237	8567	1.97	ug/l	#	90
19) 2-Chloronaphthalene	19.41	162	396061	15.24	ug/l		97
20) Dimethylphthalate	20.49	163	519320	17.34	ug/l		99
21) 2,6-Dinitrotoluene	20.71	165	107350	14.99	ug/l		93
22) Acenaphthylene	20.67	152	586688	16.14	ug/l		99
23) Acenaphthene	21.24	153	420286	16.26	ug/l		100
24) 2,4-Dinitrotoluene	21.88	165	140134	14.86	ug/l		99
25) Diethylphthalate	22.63	149	493225	17.17	ug/l		100
26) 4-Chlorophenyl-phenylether	22.79	204	225113	17.66	ug/l		97
27) Fluorene	22.76	166	470369	17.19	ug/l		98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	431155	14.18	ug/L		97
31) N-Nitrosodiphenylamine	23.17	168	150075	12.21	ug/l		98
32) 4-Bromophenyl-phenylether	24.25	248	126491	17.64	ug/l		95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\REF1.D Vial: 4
Acq On : 22 Apr 2002 12:05 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:51 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33)	Hexachlorobenzene	24.69	284	152725	18.00	ug/l	94
34)	Phenanthrene	25.65	178	661278	17.33	ug/l	100
35)	Anthracene	25.79	178	569442	15.18	ug/l	100
36)	Di-n-butylphthalate	27.56	149	800285	16.77	ug/l	100
37)	Fluoranthene	29.28	202	650744	16.96	ug/l	96
40)	Pyrene	29.96	202	667006	16.63	ug/l	94
41)	Butylbenzylphthalate	32.09	149	284242	14.49	ug/l	95
42)	Benzo(a)anthracene	33.59	228	461104	16.57	ug/l	99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	357673	14.25	ug/l	99
44)	Chrysene	33.72	228	499465	18.10	ug/l	99
46)	Di-n-Octylphthalate	35.60	149	436152	12.08	ug/l	100
47)	Benzo(b)fluoranthene	36.69	252	376649	16.15	ug/l	97
48)	Benzo(k)fluoranthene	36.76	252	429980	18.93	ug/l	98
49)	Benzo(a)pyrene	37.68	252	250220	13.01	ug/l	98
50)	Indeno(1,2,3-cd)pyrene	41.94	276	258773	13.37	ug/l	95
51)	Dibenz(a,h)anthracene	42.03	278	226944	15.37	ug/l	97
52)	Benzo(g,h,i)perylene	43.17	276	224199	13.87	ug/l	98

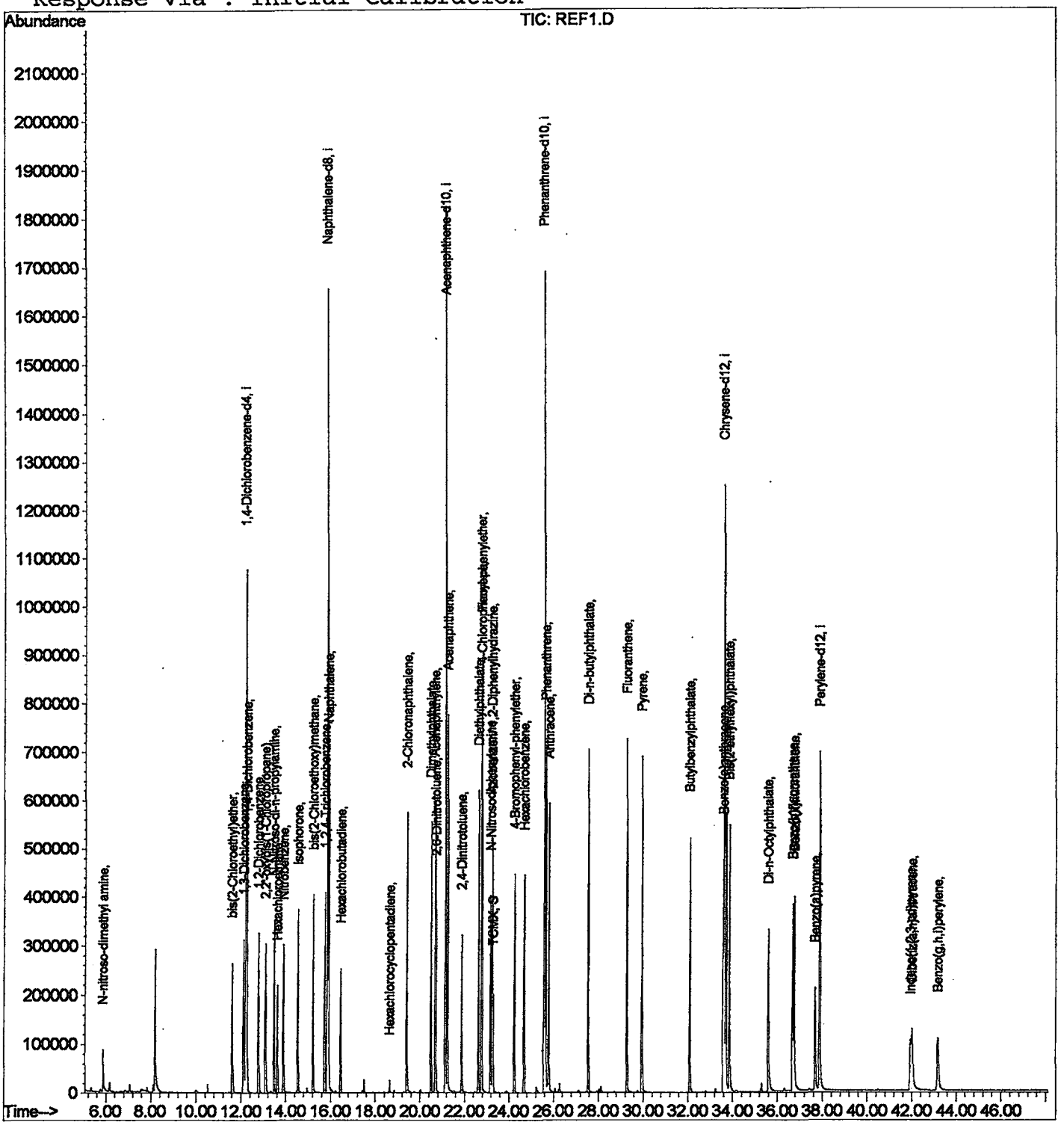
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\REF1.D
Acq On : 22 Apr 2002 12:05 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:51 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\REF2.D Vial: 5
Acq On : 22 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:53 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	502735	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1857720	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1061094	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1563017	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1061389	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	676933	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	47032	8.84	ug/L	-0.04
Spiked Amount 10.000			Recovery = 88.40%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	100659	9.20	ug/l	99
3) bis(2-Chloroethyl)ether	11.61	93	250522	14.71	ug/l	98
4) 1,3-Dichlorobenzene	12.11	146	196882	11.21	ug/l	98
5) 1,4-Dichlorobenzene	12.26	146	207220	11.73	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	207227	12.63	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.09	45	348152	14.80	ug/l	98
8) N-Nitroso-di-n-propylamine	13.48	70	160290	14.35	ug/l	99
9) Hexachloroethane	13.62	117	58292	9.00	ug/l	96
11) Nitrobenzene	13.89	77	228197	14.01	ug/l	99
12) Isophorone	14.54	82	377878	12.26	ug/l	98
13) bis(2-Chloroethoxy)methane	15.22	93	300727	14.98	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	183112	12.97	ug/l	98
15) Naphthalene	15.90	128	660094	14.78	ug/l	100
16) Hexachlorobutadiene	16.45	225	61387	8.69	ug/l	99
18) Hexachlorocyclopentadiene	18.65	237	7247	1.54	ug/l	97
19) 2-Chloronaphthalene	19.41	162	401601	14.35	ug/l	97
20) Dimethylphthalate	20.49	163	531213	16.47	ug/l	98
21) 2,6-Dinitrotoluene	20.71	165	108613	14.08	ug/l	98
22) Acenaphthylene	20.67	152	585423	14.95	ug/l	99
23) Acenaphthene	21.24	153	426874	15.34	ug/l	99
24) 2,4-Dinitrotoluene	21.88	165	142195	14.00	ug/l	99
25) Diethylphthalate	22.63	149	503887	16.28	ug/l	98
26) 4-Chlorophenyl-phenylether	22.79	204	229944	16.75	ug/l	97
27) Fluorene	22.76	166	471534	16.00	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	436792	13.34	ug/L	97
31) N-Nitrosodiphenylamine	23.17	168	149407	11.49	ug/l	98
32) 4-Bromophenyl-phenylether	24.25	248	129371	17.05	ug/l	97

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\REF2.D Vial: 5
Acq On : 22 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:53 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Hexachlorobenzene	24.69	284	156242	17.40	ug/l	94
34) Phenanthrene	25.65	178	663982	16.45	ug/l	100
35) Anthracene	25.79	178	570874	14.38	ug/l	100
36) Di-n-butylphthalate	27.56	149	819277	16.22	ug/l	100
37) Fluoranthene	29.28	202	657634	16.20	ug/l	96
40) Pyrene	29.96	202	672513	15.77	ug/l	96
41) Butylbenzylphthalate	32.09	149	284849	13.66	ug/l	94
42) Benzo(a)anthracene	33.59	228	470600	15.91	ug/l	99
43) Bis(2-ethylhexyl)phthalate	33.86	149	360638	13.52	ug/l	99
44) Chrysene	33.72	228	509165	17.36	ug/l	99
46) Di-n-Octylphthalate	35.60	149	446454	11.16	ug/l	99
47) Benzo(b)fluoranthene	36.69	252	391029	15.13	ug/l	98
48) Benzo(k)fluoranthene	36.76	252	453502	18.03	ug/l	98
49) Benzo(a)pyrene	37.68	252	263363	12.36	ug/l	98
50) Indeno(1,2,3-cd)pyrene	41.95	276	280763	13.09	ug/l	96
51) Dibenz(a,h)anthracene	42.03	278	251124	15.35	ug/l	96
52) Benzo(g,h,i)perylene	43.17	276	245122	13.69	ug/l	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\REF2.D Vial: 5
Acq On : 22 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:53 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration