User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:15:30

Sample: AE08837
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/3/20 00:05 Ended: 5/3/20 00:05 Analyst: MG
Result source: c:\hpchem\1\data\may0302\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		12	2.0
2	bis(2-Chloroethyl)ether		16	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)		17	2.0
7	n-Nitrosodi-n-propylamine		17	2.0
8	Hexachloroethane		6.4	2.0
9	Nitrobenzene		15	2.0
10	Isophorone		19	2.0
11	bis(2-Chloroethoxy)methane		17	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		18	2.0
14	Hexachlorobutadiene		5.2	2.0
15	2-Chloronaphthalene		19	2.0
16	Dimethylphthalate		18	2.0
17	2,6-Dinitrotoluene		13	2.0
18	Acenaphthylene		17	2.0
19	Acenaphthene		19	2.0
20	2,4-Dinitrotoluene		13	2.0
21	Diethylphthalate		20	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		19	2.0
24	Azobenzene		16	2.0
25	n-Nitrosodiphenylamine		17	2.0
26	4-Bromophenylphenylether		17	2.0
27	Hexachlorobenzene		19	2.0
28	Phenanthrene		19	2.0
29	Anthracene		17	2.0
30	Di-n-butylphthalate		18	2.0
31	Fluoranthene		18	2.0
32	Pyrene		21	2.0
33	Butylbenzylphthalate		18	2.0
34	Benzo(a)anthracene		18	2.0
35	bis(2-Ethylhexyl)phthalate		18	2.0
36	Chrysene		19	2.0
37	Di-n-octylphthalate		14	2.0
38	Benzo(b)fluoranthene		18	2.0
39	Benzo(k)fluoranthene		19	2.0
40	Benzo(a)pyrene		15	2.0
41	Indeno(1,2,3-cd)pyrene		18	2.0
42	Dibenz(a,h)anthracene		18	2.0
43	Benzo(g,h,i)perylene		20	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:15:48

Sample: AE08837
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/3/20 00:05 Ended: 5/3/20 00:05 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		60	2.0
2	bis(2-Chloroethyl)ether		80	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)		85	2.0
7	n-Nitrosodi-n-propylamine		85	2.0
8	Hexachloroethane		32	2.0
9	Nitrobenzene		75	2.0
10	Isophorone		95	2.0
11	bis(2-Chloroethoxy)methane		85	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		90	2.0
14	Hexachlorobutadiene		26	2.0
15	2-Chloronaphthalene		95	2.0
16	Dimethylphthalate		90	2.0
17	2,6-Dinitrotoluene		65	2.0
18	Acenaphthylene		85	2.0
19	Acenaphthene		95	2.0
20	2,4-Dinitrotoluene		65	2.0
21	Diethylphthalate		100	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		95	2.0
24	Azobenzene		80	2.0
25	n-Nitrosodiphenylamine		85	2.0
26	4-Bromophenylphenylether		85	2.0
27	Hexachlorobenzene		95	2.0
28	Phenanthrene		95	2.0
29	Anthracene		85	2.0
30	Di-n-butylphthalate		90	2.0
31	Fluoranthene		90	2.0
32	Pyrene		100	2.0
33	Butylbenzylphthalate		90	2.0
34	Benzo(a)anthracene		90	2.0
35	bis(2-Ethylhexyl)phthalate		90	2.0
36	Chrysene		95	2.0
37	Di-n-octylphthalate		70	2.0
38	Benzo(b)fluoranthene		90	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		75	2.0
41	Indeno(1,2,3-cd)pyrene		90	2.0
42	Dibenz(a,h)anthracene		90	2.0
43	Benzo(g,h,i)perylene		100	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REF2.D Vial: 5
Acq On : 3 May 2002 5:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:39 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	12.20	152	469226	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1717621	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	922541	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1294249	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	801061	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	484276	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	38499	8.57	ug/L	-0.02
Spiked Amount 10.000			Recovery = 85.70%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	151438	11.80	ug/l	99
3) bis(2-Chloroethyl)ether	11.59	93	270150	16.23	ug/l	96
4) 1,3-Dichlorobenzene	12.09	146	177759	12.16	ug/l	99
5) 1,4-Dichlorobenzene	12.23	146	193612	12.12	ug/l	99
6) 1,2-Dichlorobenzene	12.76	146	196170	14.16	ug/l	97
7) 2,2'-oxybis(1-Chloropropan	13.08	45	571199	16.60	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	210004	16.84	ug/l	97
9) Hexachloroethane	13.60	117	38529	6.42	ug/l	99
11) Nitrobenzene	13.87	77	229976	14.70	ug/l	99
12) Isophorone	14.52	82	583656	19.25	ug/l	99
13) bis(2-Chloroethoxy)methane	15.20	93	327303	17.00	ug/l	99
14) 1,2,4-Trichlorobenzene	15.72	180	159386	13.70	ug/l	99
15) Naphthalene	15.88	128	632203	17.58	ug/l	100
16) Hexachlorobutadiene	16.43	225	27776	5.20	ug/l	98
18) Hexachlorocyclopentadiene	18.63	237	18347	3.92	ug/l	93
19) 2-Chloronaphthalene	19.39	162	377646	18.54	ug/l	99
20) Dimethylphthalate	20.48	163	478392	18.45	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	74019	13.14	ug/l	95
22) Acenaphthylene	20.66	152	616944	16.83	ug/l	100
23) Acenaphthene	21.22	153	400899	18.64	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	79353	13.14	ug/l	98
25) Diethylphthalate	22.62	149	469797	19.97	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	195873	17.60	ug/l	98
27) Fluorene	22.75	166	439515	19.17	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	517063	16.36	ug/L	97
31) N-Nitrosodiphenylamine	23.16	168	148241	17.28	ug/l	99
32) 4-Bromophenyl-phenylether	24.24	248	109546	17.42	ug/l	100
33) Hexachlorobenzene	24.67	284	130912	18.64	ug/l	96
34) Phenanthrene	25.64	178	587419	18.73	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REF2.D Vial: 5
Acq On : 3 May 2002 5:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:39 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

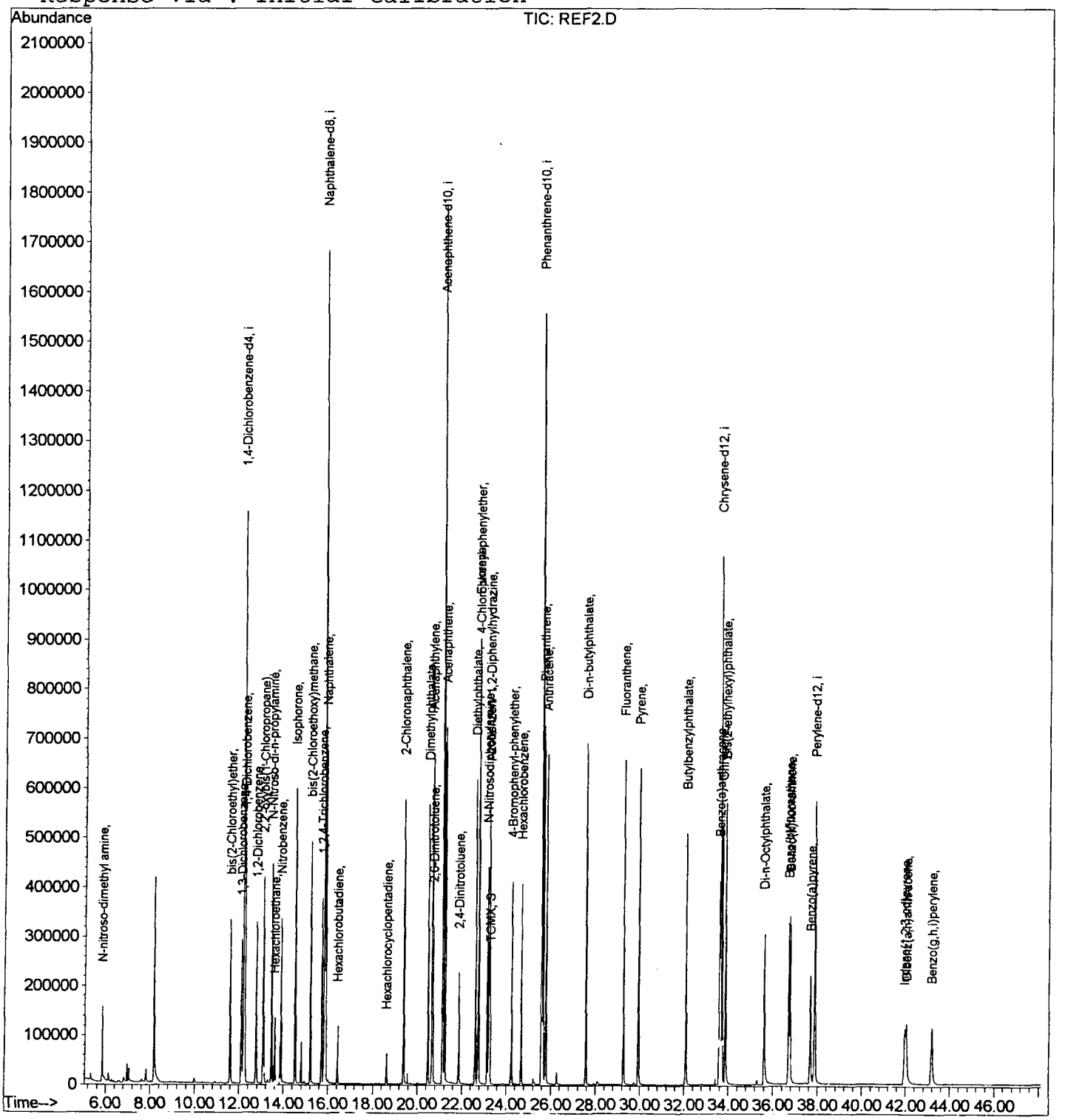
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.78	178	557762	16.88	ug/l	100
36)	Di-n-butylphthalate	27.56	149	777655	18.13	ug/l	99
37)	Fluoranthene	29.27	202	554038	17.67	ug/l	99
39)	Pyrene	29.95	202	573723	20.73	ug/l	95
40)	Butylbenzylphthalate	32.08	149	263470	17.74	ug/l	96
41)	Benzo(a)anthracene	33.59	228	386907	17.97	ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	334855	17.52	ug/l	99
43)	Chrysene	33.71	228	400605	19.13	ug/l	99
45)	Di-n-Octylphthalate	35.60	149	406411	14.19	ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	314422	17.79	ug/l	98
47)	Benzo(k)fluoranthene	36.76	252	349649	19.12	ug/l	98
48)	Benzo(a)pyrene	37.67	252	239872	14.74	ug/l	100
49)	Indeno(1,2,3-cd)pyrene	41.95	276	243001	17.74	ug/l	97
50)	Dibenz(a,h)anthracene	42.03	278	198107	18.29	ug/l	99
51)	Benzo(g,h,i)perylene	43.18	276	209842	20.01	ug/l	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REF2.D Vial: 5
Acq On : 3 May 2002 5:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:39 2002 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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REF1.D Vial: 4
Acq On : 3 May 2002 4:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:37 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	492180	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1800091	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	956077	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1336696	40.00	ug/l	-0.01
38) Chrysene-d12	33.65	240	775834	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	455026	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	38410	8.25	ug/L	-0.01
Spiked Amount 10.000			Recovery = 82.50%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.84	74	157797	11.73	ug/l	100
3) bis(2-Chloroethyl)ether	11.59	93	287171	16.45	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	164128	10.70	ug/l	99
5) 1,4-Dichlorobenzene	12.24	146	179488	10.71	ug/l	98
6) 1,2-Dichlorobenzene	12.75	146	188493	12.97	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.07	45	594283	16.47	ug/l	98
8) N-Nitroso-di-n-propylamine	13.46	70	221998	16.97	ug/l	100
9) Hexachloroethane	13.61	117	33259	5.28	ug/l	92
11) Nitrobenzene	13.87	77	236122	14.40	ug/l	99
12) Isophorone	14.52	82	616146	19.39	ug/l	99
13) bis(2-Chloroethoxy)methane	15.21	93	342059	16.96	ug/l	100
14) 1,2,4-Trichlorobenzene	15.71	180	154156	12.64	ug/l	98
15) Naphthalene	15.89	128	645468	17.13	ug/l	100
16) Hexachlorobutadiene	16.43	225	25651	4.58	ug/l	98
18) Hexachlorocyclopentadiene	18.63	237	14760	3.05	ug/l	99
19) 2-Chloronaphthalene	19.39	162	382368	18.11	ug/l	99
20) Dimethylphthalate	20.49	163	502615	18.70	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	75719	12.97	ug/l	99
22) Acenaphthylene	20.66	152	636662	16.76	ug/l	100
23) Acenaphthene	21.23	153	409571	18.38	ug/l	100
24) 2,4-Dinitrotoluene	21.87	165	80079	12.79	ug/l	94
25) Diethylphthalate	22.62	149	491815	20.17	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	197139	17.09	ug/l	98
27) Fluorene	22.75	166	450892	18.98	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	527334	16.10	ug/L	98
31) N-Nitrosodiphenylamine	23.16	168	171097	19.31	ug/l	96
32) 4-Bromophenyl-phenylether	24.24	248	111125	17.11	ug/l	97
33) Hexachlorobenzene	24.68	284	134808	18.59	ug/l	100
34) Phenanthrene	25.65	178	601613	18.57	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REF1.D Vial: 4
Acq On : 3 May 2002 4:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:37 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	577192	16.92 ug/l	99
36)	Di-n-butylphthalate	27.55	149	817072	18.44 ug/l	99
37)	Fluoranthene	29.27	202	580222	17.92 ug/l	100
39)	Pyrene	29.94	202	587051	21.90 ug/l	97
40)	Butylbenzylphthalate	32.08	149	266592	18.53 ug/l	100
41)	Benzo(a)anthracene	33.59	228	374134	17.94 ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.87	149	348594	18.83 ug/l	99
43)	Chrysene	33.71	228	392774	19.37 ug/l	98
45)	Di-n-Octylphthalate	35.61	149	401996	14.94 ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	273086	16.45 ug/l	98
47)	Benzo(k)fluoranthene	36.75	252	321012	18.68 ug/l	98
48)	Benzo(a)pyrene	37.68	252	224640	14.69 ug/l	98
49)	Indeno(1,2,3-cd)pyrene	41.96	276	214429	16.66 ug/l	97
50)	Dibenz(a,h)anthracene	42.03	278	173119	17.01 ug/l	98
51)	Benzo(g,h,i)perylene	43.18	276	190780	19.36 ug/l	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REF1.D Vial: 4
Acq On : 3 May 2002 4:57 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:37 2002 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