User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 12:04:27

Sample: AE09681
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/7/20 00:07 Ended: 5/7/20 00:07 Analyst: MG
Result source: c:\hpchem\1\data\may0602\refa1.d\refa1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9.0	2.0
2	bis(2-Chloroethyl)ether		12	2.0
3	1,3-Dichlorobenzene		12	2.0
4	1,4-Dichlorobenzene		12	2.0
5	1,2-Dichlorobenzene		13	2.0
6	2,2-oxybis(1-Chloropropane)		12	2.0
7	n-Nitrosodi-n-propylamine		13	2.0
8	Hexachloroethane		9.0	2.0
9	Nitrobenzene		12	2.0
10	Isophorone		15	2.0
11	bis(2-Chloroethoxy)methane		13	2.0
12	1,2,4-Trichlorobenzene		13	2.0
13	Naphthalene		14	2.0
14	Hexachlorobutadiene		11	2.0
15	2-Chloronaphthalene		16	2.0
16	Dimethylphthalate		15	2.0
17	2,6-Dinitrotoluene		13	2.0
18	Acenaphthylene		14	2.0
19	Acenaphthene		15	2.0
20	2,4-Dinitrotoluene		14	2.0
21	Diethylphthalate		16	2.0
22	4-Chlorophenylphenylether		15	2.0
23	Fluorene		16	2.0
24	Azobenzene		13	2.0
25	n-Nitrosodiphenylamine		13	2.0
26	4-Bromophenylphenylether		15	2.0
27	Hexachlorobenzene		16	2.0
28	Phenanthrene		15	2.0
29	Anthracene		14	2.0
30	Di-n-butylphthalate		14	2.0
31	Fluoranthene		14	2.0
32	Pyrene		16	2.0
33	Butylbenzylphthalate		14	2.0
34	Benzo(a)anthracene		14	2.0
35	bis(2-Ethylhexyl)phthalate		14	2.0
36	Chrysene		15	2.0
37	Di-n-octylphthalate		11	2.0
38	Benzo(b)fluoranthene		13	2.0
39	Benzo(k)fluoranthene		14	2.0
40	Benzo(a)pyrene		11	2.0
41	Indeno(1,2,3-cd)pyrene		15	2.0
42	Dibenz(a,h)anthracene		16	2.0
43	Benzo(g,h,i)perylene		17	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 12:04:34

Sample: AE09681
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/7/20 00:07 Ended: 5/7/20 00:07 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		45	2.0
2	bis(2-Chloroethyl)ether		60	2.0
3	1,3-Dichlorobenzene		60	2.0
4	1,4-Dichlorobenzene		60	2.0
5	1,2-Dichlorobenzene		65	2.0
6	2,2-oxybis(1-Chloropropane)		60	2.0
7	n-Nitrosodi-n-propylamine		65	2.0
8	Hexachloroethane		45	2.0
9	Nitrobenzene		60	2.0
10	Isophorone		75	2.0
11	bis(2-Chloroethoxy)methane		65	2.0
12	1,2,4-Trichlorobenzene		65	2.0
13	Naphthalene		70	2.0
14	Hexachlorobutadiene		55	2.0
15	2-Chloronaphthalene		80	2.0
16	Dimethylphthalate		75	2.0
17	2,6-Dinitrotoluene		65	2.0
18	Acenaphthylene		70	2.0
19	Acenaphthene		75	2.0
20	2,4-Dinitrotoluene		70	2.0
21	Diethylphthalate		80	2.0
22	4-Chlorophenylphenylether		75	2.0
23	Fluorene		80	2.0
24	Azobenzene		65	2.0
25	n-Nitrosodiphenylamine		65	2.0
26	4-Bromophenylphenylether		75	2.0
27	Hexachlorobenzene		80	2.0
28	Phenanthrene		75	2.0
29	Anthracene		70	2.0
30	Di-n-butylphthalate		70	2.0
31	Fluoranthene		70	2.0
32	Pyrene		80	2.0
33	Butylbenzylphthalate		70	2.0
34	Benzo(a)anthracene		70	2.0
35	bis(2-Ethylhexyl)phthalate		70	2.0
36	Chrysene		75	2.0
37				
38	Benzo(b)fluoranthene		65	2.0
39	Benzo(k)fluoranthene		70	2.0
40	Benzo(a)pyrene		55	2.0
41	Indeno(1,2,3-cd)pyrene		75	2.0
42	Dibenz(a,h)anthracene		80	2.0
43	Benzo(g,h,i)perylene		85	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\REFA1.D Vial: 17
Acq On : 7 May 2002 7:58 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:17 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	588272	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2158700	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1166833	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1671222	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	1045820	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	663221	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	42836	7.54	ug/L	-0.02
Spiked Amount 10.000			Recovery = 75.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	139473	8.67	ug/l	97
3) bis(2-Chloroethyl)ether	11.59	93	258940	12.41	ug/l	96
4) 1,3-Dichlorobenzene	12.09	146	225405	12.29	ug/l	98
5) 1,4-Dichlorobenzene	12.24	146	236936	11.83	ug/l	98
6) 1,2-Dichlorobenzene	12.75	146	228784	13.17	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	535498	12.42	ug/l	98
8) N-Nitroso-di-n-propylamine	13.46	70	195464	12.50	ug/l	99
9) Hexachloroethane	13.60	117	68089	9.05	ug/l	96
11) Nitrobenzene	13.87	77	230916	11.74	ug/l	99
12) Isophorone	14.52	82	565445	14.84	ug/l	97
13) bis(2-Chloroethoxy)methane	15.20	93	315548	13.04	ug/l	100
14) 1,2,4-Trichlorobenzene	15.71	180	187637	12.83	ug/l	99
15) Naphthalene	15.89	128	650664	14.40	ug/l	99
16) Hexachlorobutadiene	16.43	225	71123	10.59	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	34961	5.91	ug/l	99
19) 2-Chloronaphthalene	19.39	162	405989	15.76	ug/l	98
20) Dimethylphthalate	20.48	163	489334	14.92	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	90847	12.75	ug/l	96
22) Acenaphthylene	20.66	152	627365	13.53	ug/l	99
23) Acenaphthene	21.23	153	421349	15.49	ug/l	99
24) 2,4-Dinitrotoluene	21.86	165	105491	13.81	ug/l	97
25) Diethylphthalate	22.61	149	476810	16.03	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	215000	15.28	ug/l	99
27) Fluorene	22.75	166	460931	15.90	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	516039	12.91	ug/L	96
31) N-Nitrosodiphenylamine	23.15	168	139888	12.62	ug/l	98
32) 4-Bromophenyl-phenylether	24.23	248	119074	14.67	ug/l	96
33) Hexachlorobenzene	24.66	284	142978	15.77	ug/l	97
34) Phenanthrene	25.65	178	613616	15.15	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\REFA1.D Vial: 17
Acq On : 7 May 2002 7:58 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:17 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

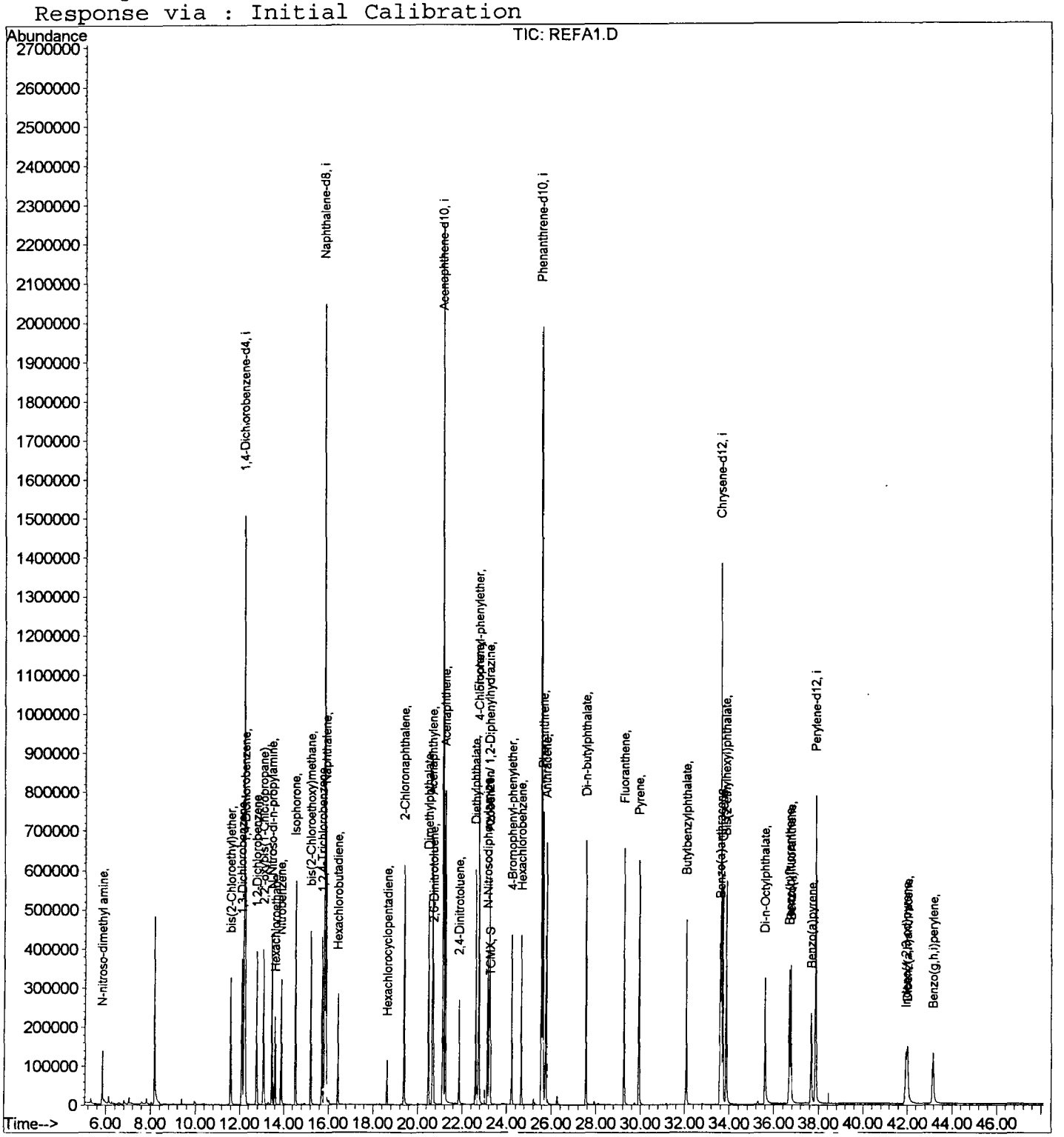
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.77	178	577384	13.53	ug/l		100
36)	Di-n-butylphthalate	27.55	149	780354	14.09	ug/l		99
37)	Fluoranthene	29.27	202	575078	14.21	ug/l		99
39)	Pyrene	29.94	202	592785	16.41	ug/l		94
40)	Butylbenzylphthalate	32.08	149	264289	13.63	ug/l		93
41)	Benzo(a)anthracene	33.58	228	395859	14.08	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	345432	13.84	ug/l		99
43)	Chrysene	33.71	228	413633	15.13	ug/l		99
45)	Di-n-Octylphthalate	35.60	149	423612	10.80	ug/l	#	98
46)	Benzo(b)fluoranthene	36.68	252	323158m	13.35	ug/l		
47)	Benzo(k)fluoranthene	36.75	252	341606	13.64	ug/l		97
48)	Benzo(a)pyrene	37.67	252	251777	11.30	ug/l		99
49)	Indeno(1,2,3-cd)pyrene	41.94	276	280216	14.94	ug/l		99
50)	Dibenz(a,h)anthracene	42.01	278	234473	15.81	ug/l		99
51)	Benzo(g,h,i)perylene	43.17	276	243762	16.97	ug/l		100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\REFA1.D Vial: 17
Acq On : 7 May 2002 7:58 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:17 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\MAY0602\REFA2.D Vial: 18
Acq On : 7 May 2002 8:57 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:49 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	567480	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2093070	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	1142459	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1577732	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	879599	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	531281	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	41877	7.53	ug/L	-0.02
Spiked Amount 10.000			Recovery = 75.30%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	137925	8.89	ug/l	99
3) bis(2-Chloroethyl)ether	11.58	93	257614	12.80	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	224050	12.67	ug/l	98
5) 1,4-Dichlorobenzene	12.23	146	233735	12.09	ug/l	99
6) 1,2-Dichlorobenzene	12.76	146	227365	13.57	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	529858	12.74	ug/l	99
8) N-Nitroso-di-n-propylamine	13.45	70	192093	12.74	ug/l	99
9) Hexachloroethane	13.60	117	67305	9.27	ug/l	98
11) Nitrobenzene	13.87	77	232575	12.20	ug/l	97
12) Isophorone	14.52	82	550078	14.88	ug/l	99
13) bis(2-Chloroethoxy)methane	15.20	93	309164	13.18	ug/l	99
14) 1,2,4-Trichlorobenzene	15.72	180	186201	13.13	ug/l	100
15) Naphthalene	15.88	128	639653	14.60	ug/l	99
16) Hexachlorobutadiene	16.43	225	70742	10.86	ug/l	99
18) Hexachlorocyclopentadiene	18.62	237	34359	5.93	ug/l	98
19) 2-Chloronaphthalene	19.39	162	391825	15.53	ug/l	98
20) Dimethylphthalate	20.48	163	476899	14.85	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	90763	13.01	ug/l	93
22) Acenaphthylene	20.66	152	606944	13.37	ug/l	100
23) Acenaphthene	21.22	153	409043	15.36	ug/l	99
24) 2,4-Dinitrotoluene	21.86	165	102049	13.64	ug/l	93
25) Diethylphthalate	22.62	149	468604	16.09	ug/l	100
26) 4-Chlorophenyl-phenylether	22.77	204	206827	15.01	ug/l	98
27) Fluorene	22.74	166	440766	15.53	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	485708	12.41	ug/L	99
31) N-Nitrosodiphenylamine	23.16	168	143850	13.75	ug/l	95
32) 4-Bromophenyl-phenylether	24.24	248	115433	15.06	ug/l	97
33) Hexachlorobenzene	24.67	284	139676	16.32	ug/l	99
34) Phenanthrene	25.64	178	591047	15.46	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\REFA2.D Vial: 18
Acq On : 7 May 2002 8:57 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:49 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	551577	13.70	ug/l		100
36)	Di-n-butylphthalate	27.55	149	754804	14.43	ug/l		100
37)	Fluoranthene	29.27	202	536738	14.05	ug/l		96
39)	Pyrene	29.94	202	548044	18.03	ug/l		96
40)	Butylbenzylphthalate	32.07	149	236993	14.53	ug/l		98
41)	Benzo(a)anthracene	33.58	228	334128	14.13	ug/l		100
42)	Bis(2-ethylhexyl)phthalate	33.86	149	307437	14.65	ug/l		98
43)	Chrysene	33.70	228	356525	15.51	ug/l		99
45)	Di-n-Octylphthalate	35.60	149	355516	11.32	ug/l	#	97
46)	Benzo(b)fluoranthene	36.68	252	255360	13.17	ug/l		98
47)	Benzo(k)fluoranthene	36.75	252	299310	14.92	ug/l		99
48)	Benzo(a)pyrene	37.66	252	207518	11.63	ug/l		99
49)	Indeno(1,2,3-cd)pyrene	41.93	276	216703	14.42	ug/l		95
50)	Dibenz(a,h)anthracene	42.02	278	176357	14.84	ug/l		97
51)	Benzo(g,h,i)perylene	43.16	276	184123	16.01	ug/l		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\REFA2.D Vial: 18
Acq On : 7 May 2002 8:57 am Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:49 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