User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 15:39:12

Sample: AE09683
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/10/20 00:04 Ended: 5/10/20 00:04 Analyst: MG
Result source: c:\hpchem\1\data\may1002\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9.3	2.0
2	bis(2-Chloroethyl)ether		14	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)		15	2.0
7	n-Nitrosodi-n-propylamine		14	2.0
8	Hexachloroethane		9.0	2.0
9	Nitrobenzene		13	2.0
10	Isophorone		16	2.0
11	bis(2-Chloroethoxy)methane		14	2.0
12	1,2,4-Trichlorobenzene		13	2.0
13	Naphthalene		15	2.0
14	Hexachlorobutadiene		11	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		15	2.0
17	2,6-Dinitrotoluene		10	2.0
18	Acenaphthylene		14	2.0
19	Acenaphthene		15	2.0
20	2,4-Dinitrotoluene		11	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		15	2.0
23	Fluorene		16	2.0
24	Azobenzene		14	2.0
25	n-Nitrosodiphenylamine		16	2.0
26	4-Bromophenylphenylether		14	2.0
27	Hexachlorobenzene		15	2.0
28	Phenanthrene		15	2.0
29	Anthracene		14	2.0
30	Di-n-butylphthalate		16	2.0
31	Fluoranthene		15	2.0
32	Pyrene		18	2.0
33	Butylbenzylphthalate		15	2.0
34	Benzo(a)anthracene		15	2.0
35	bis(2-Ethylhexyl)phthalate		15	2.0
36	Chrysene		15	2.0
37	Di-n-octylphthalate		12	2.0
38	Benzo(b)fluoranthene		15	2.0
39	Benzo(k)fluoranthene		15	2.0
40	Benzo(a)pyrene		11	2.0
41	Indeno(1,2,3-cd)pyrene		13	2.0
42	Dibenz(a,h)anthracene		14	2.0
43	Benzo(g,h,i)perylene		15	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 15:39:59

Sample: AE09683
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/10/20 00:04 Ended: 5/10/20 00:04 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		46	2.0
2	bis(2-Chloroethyl)ether		70	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)		75	2.0
7	n-Nitrosodi-n-propylamine		70	2.0
8	Hexachloroethane		45	2.0
9	Nitrobenzene		65	2.0
10	Isophorone		80	2.0
11	bis(2-Chloroethoxy)methane		70	2.0
12	1,2,4-Trichlorobenzene		65	2.0
13	Naphthalene		75	2.0
14	Hexachlorobutadiene		55	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		75	2.0
17	2,6-Dinitrotoluene		50	2.0
18	Acenaphthylene		70	2.0
19	Acenaphthene		75	2.0
20	2,4-Dinitrotoluene		55	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		75	2.0
23	Fluorene		80	2.0
24	Azobenzene		70	2.0
25	n-Nitrosodiphenylamine		80	2.0
26	4-Bromophenylphenylether		70	2.0
27	Hexachlorobenzene		75	2.0
28	Phenanthrene		75	2.0
29	Anthracene		70	2.0
30	Di-n-butylphthalate		80	2.0
31	Fluoranthene		75	2.0
32	Pyrene		90	2.0
33	Butylbenzylphthalate		75	2.0
34	Benzo(a)anthracene		75	2.0
35	bis(2-Ethylhexyl)phthalate		75	2.0
36	Chrysene		75	2.0
37	Di-n-octylphthalate		60	2.0
38	Benzo(b)fluoranthene		75	2.0
39	Benzo(k)fluoranthene		75	2.0
40	Benzo(a)pyrene		55	2.0
41	Indeno(1,2,3-cd)pyrene		65	2.0
42	Dibenz(a,h)anthracene		70	2.0
43	Benzo(g,h,i)perylene		75	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REF2.D Vial: 5
Acq On : 10 May 2002 4:58 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:06 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	512884	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1866623	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1012594	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1400780	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	847281	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	527775	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	152622	30.30	ug/L	-0.03
Spiked Amount 40.000			Recovery = 75.75%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.82	74	119883	9.28	ug/l	98
3) bis(2-Chloroethyl)ether	11.56	93	229763	13.71	ug/l	95
4) 1,3-Dichlorobenzene	12.07	146	193333	12.16	ug/l	95
5) 1,4-Dichlorobenzene	12.20	146	204549	11.76	ug/l	99
6) 1,2-Dichlorobenzene	12.73	146	198255	13.10	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.05	45	471569	14.52	ug/l	98
8) N-Nitrosodi-n-propylamine	13.43	70	166575	13.92	ug/l	96
9) Hexachloroethane	13.57	117	55656	9.00	ug/l	97
11) Nitrobenzene	13.84	77	191267	12.62	ug/l	98
12) Isophorone	14.48	82	471668	15.88	ug/l	99
13) bis(2-Chloroethoxy)methane	15.17	93	271179	14.09	ug/l	99
14) 1,2,4-Trichlorobenzene	15.68	180	165111	12.74	ug/l	99
15) Naphthalene	15.85	128	571979	14.89	ug/l	99
16) Hexachlorobutadiene	16.40	225	63062	10.51	ug/l	99
18) Hexachlorocyclopentadiene	18.60	237	12257	2.39	ug/l	98
19) 2-Chloronaphthalene	19.36	162	342382	15.48	ug/l	98
20) Dimethylphthalate	20.45	163	415904	14.93	ug/l	99
21) 2,6-Dinitrotoluene	20.67	165	60636	10.18	ug/l	96
22) Acenaphthylene	20.63	152	536382	13.61	ug/l	100
23) Acenaphthene	21.19	153	359643	15.31	ug/l	100
24) 2,4-Dinitrotoluene	21.83	165	69799	10.87	ug/l	96
25) Diethylphthalate	22.59	149	413589	16.58	ug/l	99
26) 4-Chlorophenylphenylether	22.74	204	181514	14.72	ug/l	99
27) Fluorene	22.71	166	392500	15.84	ug/l	99
29) Azobenzene	23.21	77	426863	13.82	ug/L	96
31) N-Nitrosodiphenylamine	23.13	168	139182	15.91	ug/l	97
32) 4-Bromophenylphenylether	24.21	248	99873	14.42	ug/l	99
33) Hexachlorobenzene	24.64	284	121343	15.33	ug/l	97
34) Phenanthrene	25.62	178	516246	15.36	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REF2.D Vial: 5
Acq On : 10 May 2002 4:58 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:06 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

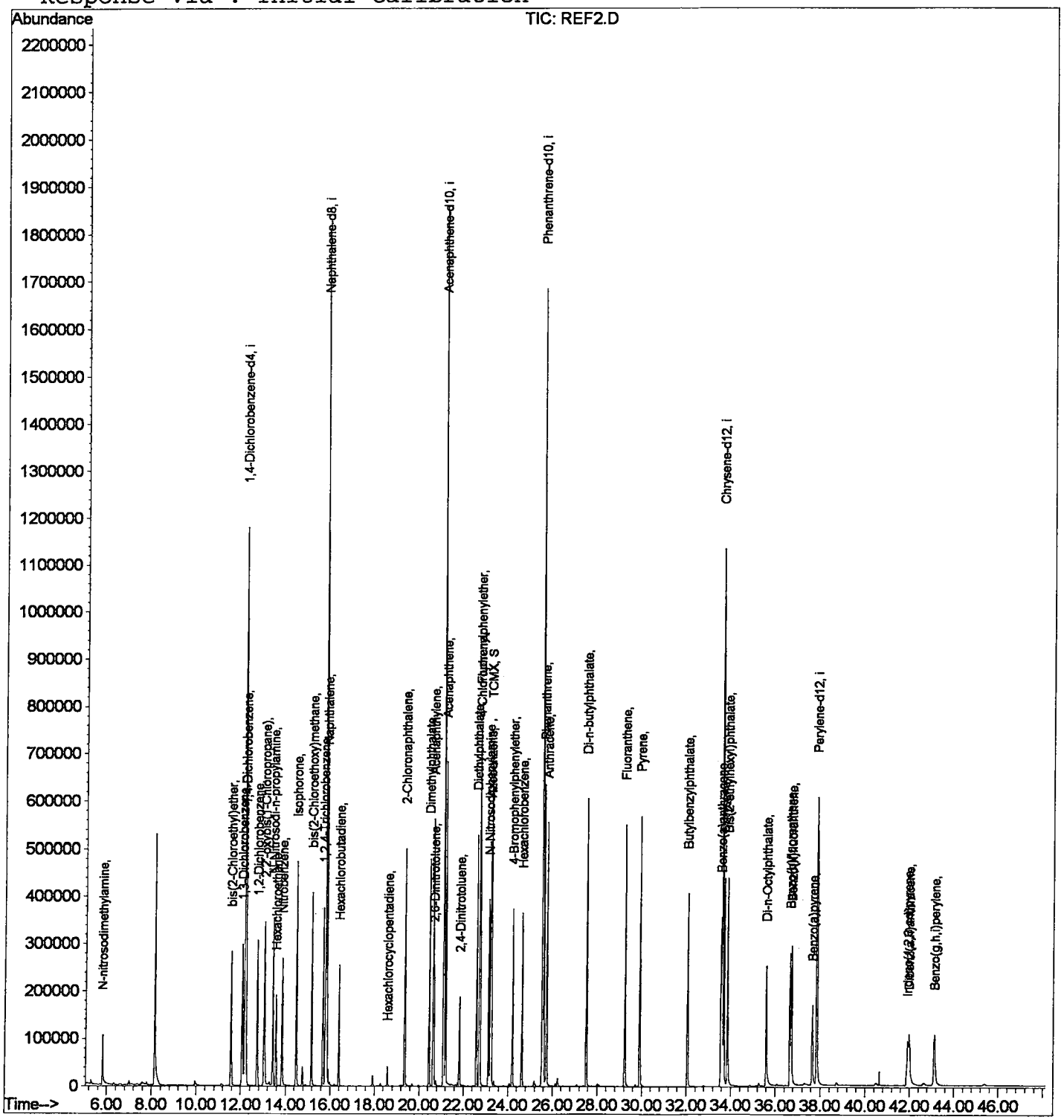
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.75	178	472924	13.52	ug/l		99
36)	Di-n-butylphthalate	27.52	149	673025	15.52	ug/l		100
37)	Fluoranthene	29.24	202	487860	14.53	ug/l		99
39)	Pyrene	29.92	202	500083	17.51	ug/l		96
40)	Butylbenzylphthalate	32.06	149	221588	15.25	ug/l		95
41)	Benzo(a)anthracene	33.56	228	320147	14.54	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.85	149	283118	14.69	ug/l		99
43)	Chrysene	33.69	228	340198	15.47	ug/l		99
45)	Di-n-Octylphthalate	35.59	149	341668	12.39	ug/l	#	98
46)	Benzo(b)fluoranthene	36.67	252	274975	14.53	ug/l		98
47)	Benzo(k)fluoranthene	36.73	252	308460	15.40	ug/l		98
48)	Benzo(a)pyrene	37.65	252	187957	10.99	ug/l		99
49)	Indeno(1,2,3-cd)pyrene	41.92	276	208691	12.85	ug/l		96
50)	Dibenz(a,h)anthracene	41.99	278	174941	13.52	ug/l		99
51)	Benzo(g,h,i)perylene	43.14	276	196391	15.12	ug/l		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\REF2.D Vial: 5
Acq On : 10 May 2002 4:58 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:06 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REF1.D Vial: 4
Acq On : 10 May 2002 3:59 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:05 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	562764	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2058709	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1128850	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1521387	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	828483m	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	526337	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.25	209	170847	30.43	ug/L	-0.02
Spiked Amount 40.000			Recovery = 76.08%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.83	74	132664	9.36	ug/l	96
3) bis(2-Chloroethyl)ether	11.56	93	252667	13.74	ug/l	95
4) 1,3-Dichlorobenzene	12.07	146	209041	11.99	ug/l	97
5) 1,4-Dichlorobenzene	12.20	146	220513	11.56	ug/l	99
6) 1,2-Dichlorobenzene	12.73	146	216060	13.01	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.05	45	515895	14.47	ug/l	98
8) N-Nitrosodi-n-propylamine	13.43	70	185149	14.10	ug/l	97
9) Hexachloroethane	13.57	117	60521	8.92	ug/l	99
11) Nitrobenzene	13.84	77	208460	12.47	ug/l	98
12) Isophorone	14.49	82	516603	15.77	ug/l	97
13) bis(2-Chloroethoxy)methane	15.17	93	302600	14.26	ug/l	99
14) 1,2,4-Trichlorobenzene	15.68	180	180141	12.60	ug/l	99
15) Naphthalene	15.85	128	631368	14.90	ug/l	99
16) Hexachlorobutadiene	16.40	225	66944	10.12	ug/l	99
18) Hexachlorocyclopentadiene	18.60	237	11881	2.08	ug/l	95
19) 2-Chloronaphthalene	19.36	162	381376	15.46	ug/l	98
20) Dimethylphthalate	20.45	163	461194	14.85	ug/l	99
21) 2,6-Dinitrotoluene	20.67	165	66883	10.07	ug/l	98
22) Acenaphthylene	20.63	152	600654	13.67	ug/l	100
23) Acenaphthene	21.19	153	397284	15.17	ug/l	100
24) 2,4-Dinitrotoluene	21.83	165	76448	10.68	ug/l	93
25) Diethylphthalate	22.59	149	449708	16.17	ug/l	99
26) 4-Chlorophenylphenylether	22.74	204	199974	14.55	ug/l	99
27) Fluorene	22.71	166	432307	15.65	ug/l	98
29) Azobenzene	23.21	77	465135	13.51	ug/L	96
31) N-Nitrosodiphenylamine	23.13	168	155794	16.39	ug/l	93
32) 4-Bromophenylphenylether	24.21	248	110601	14.70	ug/l	99
33) Hexachlorobenzene	24.64	284	132773	15.45	ug/l	97
34) Phenanthrene	25.62	178	557313	15.27	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\REF1.D Vial: 4
Acq On : 10 May 2002 3:59 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:05 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.75	178	504246	13.28	ug/l		99
36)	Di-n-butylphthalate	27.52	149	709079	15.05	ug/l		99
37)	Fluoranthene	29.24	202	504459	13.83	ug/l		100
39)	Pyrene	29.92	202	515035	18.44	ug/l		
40)	Butylbenzylphthalate	32.06	149	214373	15.08	ug/l		
41)	Benzo(a)anthracene	33.56	228	310565	14.42	ug/l		
42)	Bis(2-ethylhexyl)phthalate	33.85	149	261965	13.90	ug/l		
43)	Chrysene	33.69	228	335541	15.61	ug/l		
45)	Di-n-Octylphthalate	35.59	149	304348	11.07	ug/l	#	97
46)	Benzo(b)fluoranthene	36.67	252	262881	13.93	ug/l		98
47)	Benzo(k)fluoranthene	36.73	252	298976	14.97	ug/l		98
48)	Benzo(a)pyrene	37.65	252	180691	10.60	ug/l		98
49)	Indeno(1,2,3-cd)pyrene	41.92	276	212320m	13.11	ug/l		
50)	Dibenz(a,h)anthracene	41.99	278	178626	13.84	ug/l		99
51)	Benzo(g,h,i)perylene	43.13	276	196913	15.20	ug/l		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\REF1.D Vial: 4
Acq On : 10 May 2002 3:59 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:05 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration