User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:32:49

Sample: AE09652
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/6/20 00:02 Ended: 5/6/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\may0602\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		8.0	2.0
2	bis(2-Chloroethyl)ether		12	2.0
3	1,3-Dichlorobenzene		11	2.0
4	1,4-Dichlorobenzene		11	2.0
5	1,2-Dichlorobenzene		12	2.0
6	2,2-oxybis(1-Chloropropane)		13	2.0
7	n-Nitrosodi-n-propylamine		12	2.0
8	Hexachloroethane		7.6	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		12	2.0
13	Naphthalene		14	2.0
14	Hexachlorobutadiene		9.0	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		15	2.0
17	2,6-Dinitrotoluene		13	2.0
18	Acenaphthylene		13	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		15	2.0
24	Azobenzene		12	2.0
25	n-Nitrosodiphenylamine		14	2.0
26	4-Bromophenylphenylether		14	2.0
27	Hexachlorobenzene		16	2.0
28	Phenanthrene		15	2.0
29	Anthracene		13	2.0
30	Di-n-butylphthalate		15	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		15	2.0
36	Chrysene		15	2.0
37	Di-n-octylphthalate		12	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		14	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: 05/08/2002 Time: 14:33:02

Sample: AE09652
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/6/20 00:02 Ended: 5/6/20 00:02 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		40	2.0
2	bis(2-Chloroethyl)ether		60	2.0
3	1,3-Dichlorobenzene		55	2.0
4	1,4-Dichlorobenzene		55	2.0
5	1,2-Dichlorobenzene		60	2.0
6	2,2-oxybis(1-Chloropropane)		65	2.0
7	n-Nitrosodi-n-propylamine		60	2.0
8	Hexachloroethane		38	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		60	2.0
13	Naphthalene		70	2.0
14	Hexachlorobutadiene		45	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		75	2.0
17	2,6-Dinitrotoluene		65	2.0
18	Acenaphthylene		65	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		75	2.0
24	Azobenzene		60	2.0
25	n-Nitrosodiphenylamine		70	2.0
26	4-Bromophenylphenylether		70	2.0
27	Hexachlorobenzene		80	2.0
28	Phenanthrene		75	2.0
29	Anthracene		65	2.0
30	Di-n-butylphthalate		75	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		75	2.0
36	Chrysene		75	2.0
37	Di-n-octylphthalate		60	2.0
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		70	2.0
42	Dibenz(a,h)anthracene		70	2.0
43	Benzo(g,h,i)perylene		75	2.0

Data File : C:\HPCHEM\1\DATA\MAY0602\REF1.D Vial: 4
Acq On : 6 May 2002 12:26 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:33 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	529010	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1934829	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	1052358	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1499969	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	986182	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	618561	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	41886	8.18	ug/L	-0.02
Spiked Amount 10.000			Recovery = 81.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	120352	8.32	ug/l	98
3) bis(2-Chloroethyl)ether	11.59	93	232206	12.38	ug/l	98
4) 1,3-Dichlorobenzene	12.09	146	180482	10.95	ug/l	98
5) 1,4-Dichlorobenzene	12.24	146	190602	10.58	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	189624	12.14	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	492139	12.69	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	175446	12.48	ug/l	99
9) Hexachloroethane	13.60	117	51305	7.58	ug/l	99
11) Nitrobenzene	13.87	77	212638	12.07	ug/l	100
12) Isophorone	14.52	82	503522	14.74	ug/l	97
13) bis(2-Chloroethoxy)methane	15.21	93	283558	13.08	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	159337	12.16	ug/l	98
15) Naphthalene	15.88	128	584031	14.42	ug/l	99
16) Hexachlorobutadiene	16.43	225	53943	8.96	ug/l	98
18) Hexachlorocyclopentadiene	18.62	237	25909	4.86	ug/l	96
19) 2-Chloronaphthalene	19.38	162	350942	15.10	ug/l	99
20) Dimethylphthalate	20.48	163	434278	14.68	ug/l	100
21) 2,6-Dinitrotoluene	20.69	165	81843	12.73	ug/l	96
22) Acenaphthylene	20.66	152	557843	13.34	ug/l	100
23) Acenaphthene	21.23	153	367492	14.98	ug/l	99
24) 2,4-Dinitrotoluene	21.86	165	94113	13.66	ug/l	99
25) Diethylphthalate	22.61	149	424423	15.82	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	185148	14.59	ug/l	99
27) Fluorene	22.75	166	404261	15.46	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	447509	12.41	ug/L	97
31) N-Nitrosodiphenylamine	23.16	168	141817	14.26	ug/l	93
32) 4-Bromophenyl-phenylether	24.23	248	103339	14.18	ug/l	97
33) Hexachlorobenzene	24.67	284	126282	15.52	ug/l	100
34) Phenanthrene	25.64	178	544015	14.97	ug/l	99

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

Data File : C:\HPCHEM\1\DATA\MAY0602\REF1.D Vial: 4
Acq On : 6 May 2002 12:26 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:33 2002 Quant Results File: GCMS0501.RES

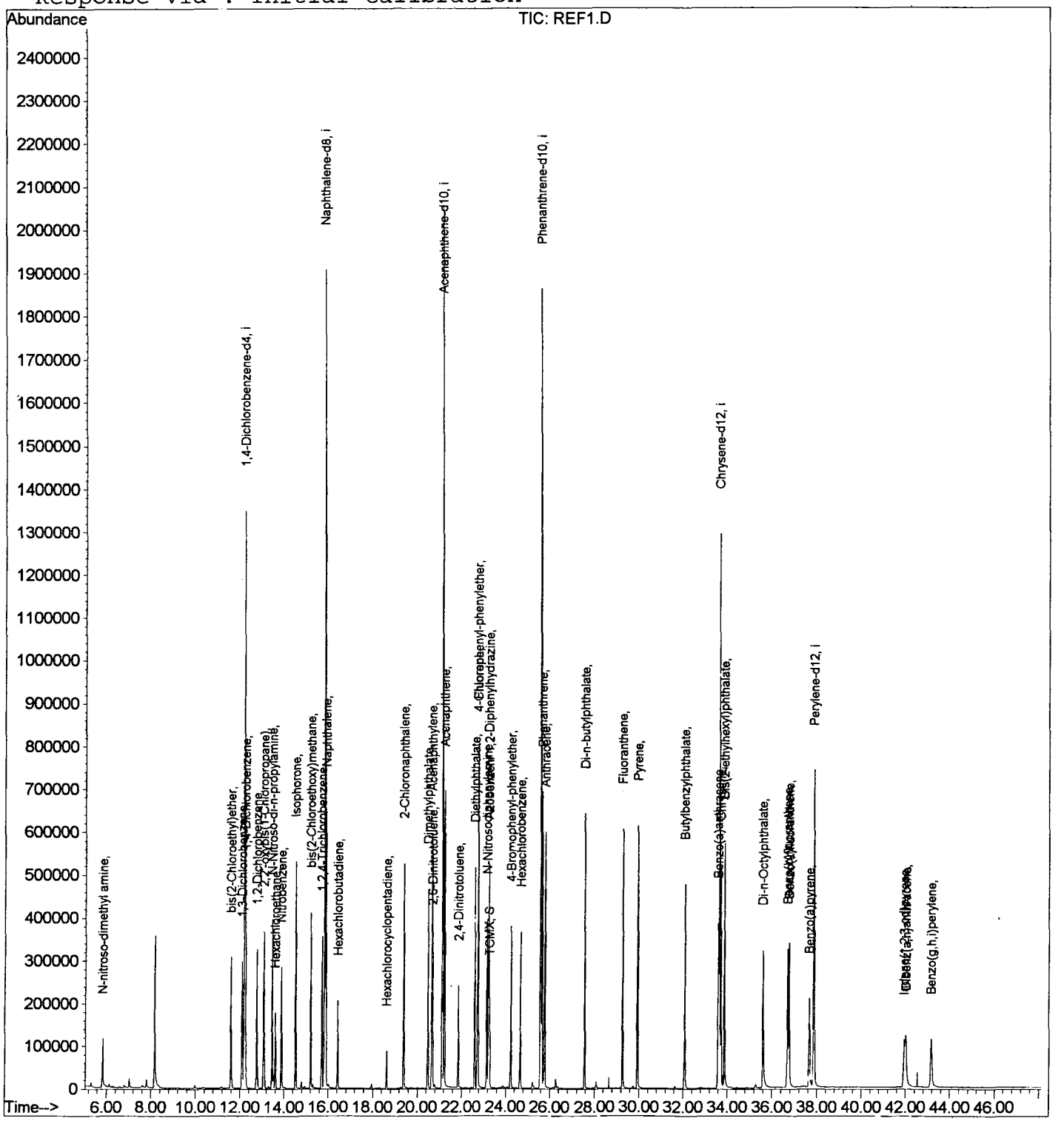
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.77	178	515026	13.45 ug/l	100
36)	Di-n-butylphthalate	27.55	149	721730	14.52 ug/l	99
37)	Fluoranthene	29.26	202	522253	14.38 ug/l	98
39)	Pyrene	29.94	202	539346	15.83 ug/l	94
40)	Butylbenzylphthalate	32.08	149	255396	13.96 ug/l	95
41)	Benzo(a)anthracene	33.58	228	370059	13.96 ug/l	99
42)	Bis(2-ethylhexyl)phthalate	33.85	149	349256	14.84 ug/l	99
43)	Chrysene	33.71	228	386231	14.98 ug/l	99
45)	Di-n-Octylphthalate	35.59	149	431377	11.79 ug/l	100
46)	Benzo(b)fluoranthene	36.68	252	297072	13.16 ug/l	97
47)	Benzo(k)fluoranthene	36.75	252	330728	14.16 ug/l	99
48)	Benzo(a)pyrene	37.67	252	235263	11.32 ug/l	98
49)	Indeno(1,2,3-cd)pyrene	41.94	276	239895	13.71 ug/l	97
50)	Dibenz(a,h)anthracene	42.01	278	198454	14.34 ug/l	98
51)	Benzo(g,h,i)perylene	43.16	276	206139	15.39 ug/l	98

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

Data File : C:\HPCHEM\1\DATA\MAY0602\REF1.D Vial: 4
Acq On : 6 May 2002 12:26 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:33 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



Data File : C:\HPCHEM\1\DATA\MAY0602\REF2.D Vial: 5
Acq On : 6 May 2002 1:25 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:35 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	508220	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1861319	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1017640	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1445132	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	988646	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	661061	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	32484	6.56	ug/L	-0.02
Spiked Amount 10.000			Recovery = 65.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.83	74	97555	7.02	ug/l	99
3) bis(2-Chloroethyl)ether	11.59	93	188934	10.48	ug/l	97
4) 1,3-Dichlorobenzene	12.09	146	135219	8.54	ug/l	98
5) 1,4-Dichlorobenzene	12.24	146	145285	8.39	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	144584	9.63	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	395028	10.60	ug/l	99
8) N-Nitroso-di-n-propylamine	13.46	70	138111	10.22	ug/l	97
9) Hexachloroethane	13.60	117	36436	5.60	ug/l	93
11) Nitrobenzene	13.87	77	171020	10.09	ug/l	99
12) Isophorone	14.52	82	398062	12.11	ug/l	97
13) bis(2-Chloroethoxy)methane	15.20	93	226153	10.84	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	120087	9.53	ug/l	100
15) Naphthalene	15.89	128	459830	11.80	ug/l	100
16) Hexachlorobutadiene	16.43	225	38884	6.71	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	16765	3.25	ug/l	96
19) 2-Chloronaphthalene	19.39	162	275419	12.26	ug/l	99
20) Dimethylphthalate	20.48	163	337742	11.81	ug/l	100
21) 2,6-Dinitrotoluene	20.70	165	61839	9.95	ug/l	95
22) Acenaphthylene	20.66	152	440591	10.90	ug/l	99
23) Acenaphthene	21.22	153	291441	12.28	ug/l	99
24) 2,4-Dinitrotoluene	21.86	165	70133	10.52	ug/l	96
25) Diethylphthalate	22.61	149	335245	12.92	ug/l	99
26) 4-Chlorophenyl-phenylether	22.77	204	144874	11.80	ug/l	99
27) Fluorene	22.74	166	321068	12.70	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.23	77	360672	10.35	ug/L	99
31) N-Nitrosodiphenylamine	23.15	168	115923	12.10	ug/l	96
32) 4-Bromophenyl-phenylether	24.23	248	79910	11.38	ug/l	99
33) Hexachlorobenzene	24.67	284	98640	12.58	ug/l	96
34) Phenanthrene	25.64	178	429091	12.25	ug/l	99

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

Data File : C:\HPCHEM\1\DATA\MAY0602\REF2.D Vial: 5
Acq On : 6 May 2002 1:25 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:35 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	403734	10.94	ug/l		100
36) Di-n-butylphthalate	27.54	149	569913	11.90	ug/l		100
37) Fluoranthene	29.27	202	414476	11.84	ug/l		98
39) Pyrene	29.93	202	423824	12.41	ug/l		97
40) Butylbenzylphthalate	32.07	149	201009	10.96	ug/l		98
41) Benzo(a)anthracene	33.58	228	304484	11.46	ug/l		99
42) Bis(2-ethylhexyl)phthalate	33.86	149	279133	11.83	ug/l		100
43) Chrysene	33.71	228	323331	12.51	ug/l		99
45) Di-n-Octylphthalate	35.60	149	345303	8.83	ug/l	#	98
46) Benzo(b)fluoranthene	36.68	252	245281	10.17	ug/l		99
47) Benzo(k)fluoranthene	36.75	252	292656	11.72	ug/l		97
48) Benzo(a)pyrene	37.66	252	202296	9.11	ug/l		99
49) Indeno(1,2,3-cd)pyrene	41.94	276	220605	11.80	ug/l		95
50) Dibenz(a,h)anthracene	42.01	278	185190	12.53	ug/l		99
51) Benzo(g,h,i)perylene	43.16	276	194789	13.61	ug/l		98

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

Data File : C:\HPCHEM\1\DATA\MAY0602\REF2.D Vial: 5
Acq On : 6 May 2002 1:25 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:35 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