User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 12:26:40

Sample: AE09676
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/20/20 00:01 Ended: 5/20/20 00:01 Analyst: MG
Result source: c:\hpchem\1\data\may2002\ref1.d\ref1.rr
Page: 1

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

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 12:26:52

Sample: AE09676
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/20/20 00:01 Ended: 5/20/20 00:01 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		65	2.0
2	bis(2-Chloroethyl)ether		85	2.0
3	1,3-Dichlorobenzene		75	2.0
4	1,4-Dichlorobenzene		75	2.0
5	1,2-Dichlorobenzene		85	2.0
6	2,2-oxybis(1-Chloropropane)		95	2.0
7	n-Nitrosodi-n-propylamine		95	2.0
8	Hexachloroethane		60	2.0
9	Nitrobenzene		90	2.0
10	Isophorone		100	2.0
11	bis(2-Chloroethoxy)methane		90	2.0
12	1,2,4-Trichlorobenzene		80	2.0
13	Naphthalene		95	2.0
14	Hexachlorobutadiene		70	2.0
15	2-Chloronaphthalene		100	2.0
16	Dimethylphthalate		95	2.0
17	2,6-Dinitrotoluene		90	2.0
18	Acenaphthylene		85	2.0
19	Acenaphthene		100	2.0
20	2,4-Dinitrotoluene		95	2.0
21	Diethylphthalate		100	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		95	2.0
24	Azobenzene		85	2.0
25	n-Nitrosodiphenylamine		85	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		95	2.0
28	Phenanthrene		95	2.0
29	Anthracene		85	2.0
30	Di-n-butylphthalate		100	2.0
31	Fluoranthene		90	2.0
32	Pyrene		100	2.0
33	Butylbenzylphthalate		95	2.0
34	Benzo(a)anthracene		90	2.0
35	bis(2-Ethylhexyl)phthalate		100	2.0
36	Chrysene		100	2.0
37	Di-n-octylphthalate		80	2.0
38	Benzo(b)fluoranthene		90	2.0
39	Benzo(k)fluoranthene		90	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		80	2.0
42	Dibenz(a,h)anthracene		85	2.0
43	Benzo(g,h,i)perylene		90	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\REF1.D Vial: 7
Acq On : 20 May 2002 1:05 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:20 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	334131	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1330238	40.00	ug/l		-0.02
17) Acenaphthene-d10	21.08	164	630088	40.00	ug/l		0.00
30) Phenanthrene-d10	25.52	188	849978	40.00	ug/l		-0.02
38) Chrysene-d12	33.58	240	471203	40.00	ug/l		-0.02
44) Perylene-d12	37.79	264	287170	40.00	ug/l		-0.02
System Monitoring Compounds							
28) TCMX	23.23	209	125451	39.61	ug/L		0.00
Spiked Amount 40.000			Recovery = 99.02%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.80	74	126082	12.57	ug/l		92
3) bis(2-Chloroethyl)ether	11.54	93	230924	17.38	ug/l		99
4) 1,3-Dichlorobenzene	12.04	146	165158	15.36	ug/l		97
5) 1,4-Dichlorobenzene	12.18	146	173570m	14.73	ug/l		
6) 1,2-Dichlorobenzene	12.70	146	169756	16.63	ug/l		98
7) 2,2'-oxybis(1-Chloropropan	13.03	45	566765	18.85	ug/l		97
8) N-Nitrosodi-n-propylamine	13.41	70	176842	18.74	ug/l		93
9) Hexachloroethane	13.55	117	62578	12.44	ug/l	#	84
11) Nitrobenzene	13.83	77	213527	18.47	ug/l		95
12) Isophorone	14.47	82	470455	20.55	ug/l		99
13) bis(2-Chloroethoxy)methane	15.15	93	280015	18.25	ug/l		100
14) 1,2,4-Trichlorobenzene	15.67	180	130957	15.76	ug/l		98
15) Naphthalene	15.83	128	566357	18.86	ug/l		99
16) Hexachlorobutadiene	16.38	225	55861	13.89	ug/l		99
18) Hexachlorocyclopentadiene	18.57	237	11592	4.54	ug/l		99
19) 2-Chloronaphthalene	19.33	162	279000	19.87	ug/l		96
20) Dimethylphthalate	20.43	163	333220	18.85	ug/l		100
21) 2,6-Dinitrotoluene	20.64	165	64650	17.57	ug/l	#	88
22) Acenaphthylene	20.61	152	431853	16.78	ug/l		99
23) Acenaphthene	21.17	153	299814	19.50	ug/l		99
24) 2,4-Dinitrotoluene	21.82	165	76067	18.86	ug/l		93
25) Diethylphthalate	22.57	149	339719	20.80	ug/l		98
26) 4-Chlorophenylphenylether	22.71	204	148012	18.13	ug/l		98
27) Fluorene	22.70	166	303893	19.50	ug/l		99
29) Azobenzene	23.18	77	411588	17.49	ug/L		94
31) N-Nitrosodiphenylamine	23.11	168	95198	17.00	ug/l	#	90
32) 4-Bromophenylphenylether	24.18	248	79280	17.87	ug/l		97
33) Hexachlorobenzene	24.62	284	90020	18.91	ug/l		96
34) Phenanthrene	25.58	178	390965	19.07	ug/l		99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\REF1.D Vial: 7
Acq On : 20 May 2002 1:05 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:20 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.72	178	347991	16.50	ug/l		100
36)	Di-n-butylphthalate	27.50	149	566690	20.31	ug/l		99
37)	Fluoranthene	29.21	202	363311	17.52	ug/l	#	91
39)	Pyrene	29.88	202	368598	21.33	ug/l	#	90
40)	Butylbenzylphthalate	32.02	149	168761	19.12	ug/l		90
41)	Benzo(a)anthracene	33.53	228	228168	17.69	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.81	149	230138	19.83	ug/l		97
43)	Chrysene	33.65	228	251245	19.73	ug/l		99
45)	Di-n-Octylphthalate	35.55	149	273313	16.45	ug/l	#	92
46)	Benzo(b)fluoranthene	36.62	252	187425	17.51	ug/l		99
47)	Benzo(k)fluoranthene	36.69	252	196519	17.75	ug/l		98
48)	Benzo(a)pyrene	37.60	252	128676	12.95	ug/l		96
49)	Indeno(1,2,3-cd)pyrene	41.83	276	155524	16.29	ug/l		97
50)	Dibenz(a,h)anthracene	41.90	278	133037	17.44	ug/l		95
51)	Benzo(g,h,i)perylene	43.04	276	135798	17.79	ug/l		95

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

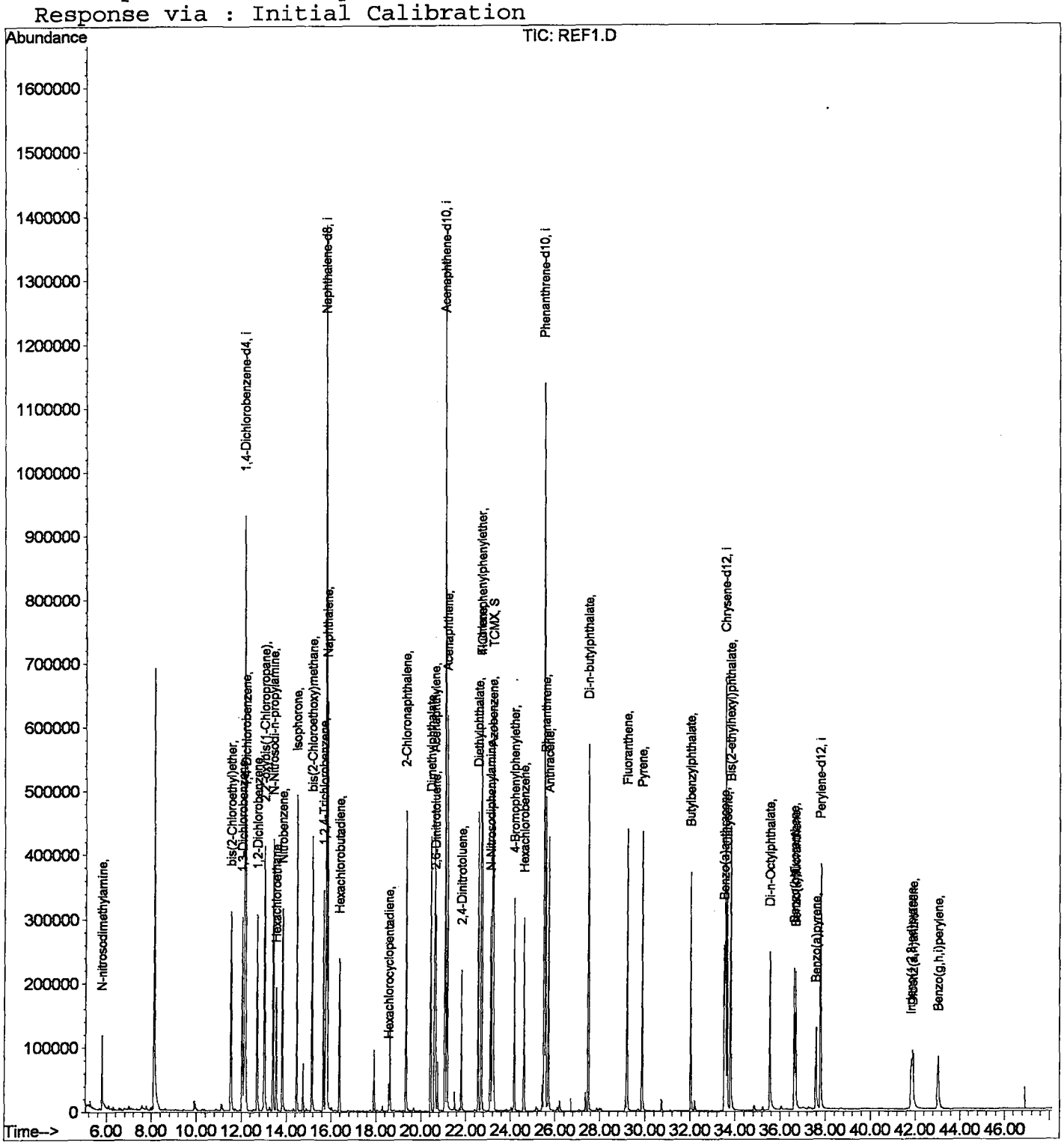
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\REF1.D
Acq On : 20 May 2002 1:05 pm
Sample : EXTRACTED 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 20 15:20 2002

Vial: 7
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\REF2.D Vial: 8
Acq On : 20 May 2002 2:04 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:22 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	336166	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1338423	40.00	ug/l		-0.01
17) Acenaphthene-d10	21.08	164	626927	40.00	ug/l		0.00
30) Phenanthrene-d10	25.52	188	848441	40.00	ug/l		-0.01
38) Chrysene-d12	33.57	240	482911	40.00	ug/l		-0.03
44) Perylene-d12	37.79	264	292568	40.00	ug/l		-0.01
System Monitoring Compounds							
28) TCMX	23.23	209	124019	39.36	ug/L		0.00
Spiked Amount 40.000			Recovery = 98.40%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.80	74	121856	12.07	ug/l		90
3) bis(2-Chloroethyl)ether	11.54	93	229869	17.20	ug/l		99
4) 1,3-Dichlorobenzene	12.04	146	166564	15.40	ug/l		98
5) 1,4-Dichlorobenzene	12.19	146	174959	14.76	ug/l		99
6) 1,2-Dichlorobenzene	12.70	146	169414	16.50	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.03	45	567378	18.76	ug/l		98
8) N-Nitrosodi-n-propylamine	13.41	70	172964	18.22	ug/l		93
9) Hexachloroethane	13.55	117	60224	11.90	ug/l		84
11) Nitrobenzene	13.83	77	207261	17.82	ug/l		93
12) Isophorone	14.47	82	467378	20.29	ug/l		99
13) bis(2-Chloroethoxy)methane	15.16	93	272715	17.66	ug/l		99
14) 1,2,4-Trichlorobenzene	15.67	180	131917	15.78	ug/l		99
15) Naphthalene	15.83	128	561396	18.58	ug/l		99
16) Hexachlorobutadiene	16.38	225	53316	13.18	ug/l		99
18) Hexachlorocyclopentadiene	18.57	237	10362	4.08	ug/l		95
19) 2-Chloronaphthalene	19.33	162	276724	19.80	ug/l		96
20) Dimethylphthalate	20.43	163	332682	18.91	ug/l		100
21) 2,6-Dinitrotoluene	20.64	165	63704	17.40	ug/l	#	88
22) Acenaphthylene	20.61	152	427581	16.70	ug/l		99
23) Acenaphthene	21.18	153	295045	19.29	ug/l		99
24) 2,4-Dinitrotoluene	21.82	165	73837	18.40	ug/l		93
25) Diethylphthalate	22.57	149	336827	20.72	ug/l		98
26) 4-Chlorophenylphenylether	22.72	204	149406	18.39	ug/l		99
27) Fluorene	22.70	166	302505	19.51	ug/l		100
29) Azobenzene	23.18	77	407236	17.39	ug/L		94
31) N-Nitrosodiphenylamine	23.11	168	95213	17.03	ug/l	#	89
32) 4-Bromophenylphenylether	24.18	248	79738	18.00	ug/l		97
33) Hexachlorobenzene	24.61	284	90194	18.98	ug/l	#	92
34) Phenanthrene	25.58	178	390006	19.06	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\REF2.D Vial: 8
Acq On : 20 May 2002 2:04 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:22 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.72	178	347084	16.49	ug/l		99
36)	Di-n-butylphthalate	27.50	149	564530	20.27	ug/l		99
37)	Fluoranthene	29.21	202	365822	17.67	ug/l		93
39)	Pyrene	29.88	202	369432	20.86	ug/l		92
40)	Butylbenzylphthalate	32.03	149	170278	18.82	ug/l		93
41)	Benzo(a)anthracene	33.53	228	232290	17.57	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.81	149	229863	19.32	ug/l		98
43)	Chrysene	33.65	228	250851	19.22	ug/l		99
45)	Di-n-Octylphthalate	35.54	149	272874	16.12	ug/l	#	88
46)	Benzo(b)fluoranthene	36.63	252	190725	17.49	ug/l		100
47)	Benzo(k)fluoranthene	36.69	252	201060	17.83	ug/l		98
48)	Benzo(a)pyrene	37.60	252	130141	12.86	ug/l		97
49)	Indeno(1,2,3-cd)pyrene	41.83	276	158719	16.31	ug/l		96
50)	Dibenz(a,h)anthracene	41.90	278	136744	17.59	ug/l		98
51)	Benzo(g,h,i)perylene	43.04	276	140104	18.02	ug/l		95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\REF2.D Vial: 8
Acq On : 20 May 2002 2:04 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:22 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration