User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 09:39:45

Sample: AE12163
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/29/20 00:03 Ended: 5/29/20 00:03 Analyst: MG
Result source: c:\hpchem\1\data\may2902\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9.9	2.0
2	bis(2-Chloroethyl)ether		15	2.0
3	1,3-Dichlorobenzene		17	2.0
4	1,4-Dichlorobenzene		16	2.0
5	1,2-Dichlorobenzene		18	2.0
6	2,2-oxybis(1-Chloropropane)		11	2.0
7	n-Nitrosodi-n-propylamine		14	2.0
8	Hexachloroethane		12	2.0
9	Nitrobenzene		15	2.0
10	Isophorone		16	2.0
11	bis(2-Chloroethoxy)methane		15	2.0
12	1,2,4-Trichlorobenzene		18	2.0
13	Naphthalene		19	2.0
14	Hexachlorobutadiene		14	2.0
15	2-Chloronaphthalene		21	2.0
16	Dimethylphthalate		19	2.0
17	2,6-Dinitrotoluene		17	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		19	2.0
23	Fluorene		21	2.0
24	Azobenzene		15	2.0
25	n-Nitrosodiphenylamine		12	2.0
26	4-Bromophenylphenylether		15	2.0
27	Hexachlorobenzene		17	2.0
28	Phenanthrene		19	2.0
29	Anthracene		16	2.0
30	Di-n-butylphthalate		19	2.0
31	Fluoranthene		19	2.0
32	Pyrene		22	2.0
33	Butylbenzylphthalate		19	2.0
34	Benzo(a)anthracene		18	2.0
35	bis(2-Ethylhexyl)phthalate		20	2.0
36	Chrysene		19	2.0
37	Di-n-octylphthalate		17	2.0
38	Benzo(b)fluoranthene		19	2.0
39	Benzo(k)fluoranthene		19	2.0
40	Benzo(a)pyrene		12	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: 05/30/2002 Time: 09:39:55

Sample: AE12163
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/29/20 00:03 Ended: 5/29/20 00:03 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		50	2.0
2	bis(2-Chloroethyl)ether		75	2.0
3	1,3-Dichlorobenzene		85	2.0
4	1,4-Dichlorobenzene		80	2.0
5	1,2-Dichlorobenzene		90	2.0
6	2,2-oxybis(1-Chloropropane)		55	2.0
7	n-Nitrosodi-n-propylamine		70	2.0
8	Hexachloroethane		60	2.0
9	Nitrobenzene		75	2.0
10	Isophorone		80	2.0
11	bis(2-Chloroethoxy)methane		75	2.0
12	1,2,4-Trichlorobenzene		90	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		85	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		95	2.0
23	Fluorene		100	2.0
24	Azobenzene		75	2.0
25	n-Nitrosodiphenylamine		60	2.0
26	4-Bromophenylphenylether		75	2.0
27	Hexachlorobenzene		85	2.0
28	Phenanthrene		95	2.0
29	Anthracene		80	2.0
30	Di-n-butylphthalate		95	2.0
31	Fluoranthene		95	2.0
32	Pyrene		110	2.0
33	Butylbenzylphthalate		95	2.0
34	Benzo(a)anthracene		90	2.0
35	bis(2-Ethylhexyl)phthalate		100	2.0
36	Chrysene		95	2.0
37	Di-n-octylphthalate		85	2.0
38	Benzo(b)fluoranthene		95	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		60	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\MAY2902\REF2.D Vial: 5
Acq On : 29 May 2002 3:16 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:17 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	520781	40.00	ug/l		-0.08
10) Naphthalene-d8	15.69	136	2096677	40.00	ug/l		-0.10
17) Acenaphthene-d10	20.99	164	993568	40.00	ug/l		-0.10
30) Phenanthrene-d10	25.42	188	1542260	40.00	ug/l		-0.11
38) Chrysene-d12	33.47	240	951422	40.00	ug/l		-0.13
44) Perylene-d12	37.65	264	614665	40.00	ug/l		-0.15
System Monitoring Compounds							
28) TCMX	23.14	209	211923	30.90	ug/L		-0.10
Spiked Amount 40.000			Recovery = 77.25%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.73	74	155353	9.94	ug/l		80
3) bis(2-Chloroethyl)ether	11.47	93	307849	14.87	ug/l		94
4) 1,3-Dichlorobenzene	11.96	146	288129	17.19	ug/l		99
5) 1,4-Dichlorobenzene	12.11	146	299563	16.31	ug/l		97
6) 1,2-Dichlorobenzene	12.63	146	287936	18.10	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	12.96	45	509597	10.88	ug/l	#	93
8) N-Nitrosodi-n-propylamine	13.34	70	209866	14.27	ug/l	#	85
9) Hexachloroethane	13.47	117	94107	12.00	ug/l		94
11) Nitrobenzene	13.75	77	279695	15.35	ug/l		89
12) Isophorone	14.40	82	592616	16.42	ug/l	#	93
13) bis(2-Chloroethoxy)methane	15.08	93	360571	14.91	ug/l		97
14) 1,2,4-Trichlorobenzene	15.58	180	233904	17.86	ug/l		99
15) Naphthalene	15.76	128	896789	18.94	ug/l	#	81
16) Hexachlorobutadiene	16.30	225	88148	13.91	ug/l		100
18) Hexachlorocyclopentadiene	18.49	237	9134	2.27	ug/l		96
19) 2-Chloronaphthalene	19.25	162	463353	20.92	ug/l		95
20) Dimethylphthalate	20.35	163	533447	19.14	ug/l		98
21) 2,6-Dinitrotoluene	20.56	165	100695	17.35	ug/l		91
22) Acenaphthylene	20.52	152	678713	16.73	ug/l		98
23) Acenaphthene	21.08	153	473265	19.52	ug/l		99
24) 2,4-Dinitrotoluene	21.72	165	120113	18.88	ug/l	#	88
25) Diethylphthalate	22.48	149	537787	20.88	ug/l		98
26) 4-Chlorophenylphenylether	22.63	204	249740	19.40	ug/l		99
27) Fluorene	22.60	166	515032	20.95	ug/l		100
29) Azobenzene	23.09	77	546303	14.72	ug/L	#	91
31) N-Nitrosodiphenylamine	23.02	168	119191	11.73	ug/l	#	85
32) 4-Bromophenylphenylether	24.09	248	123096	15.29	ug/l		93
33) Hexachlorobenzene	24.52	284	145946	16.90	ug/l		100
34) Phenanthrene	25.50	178	724439	19.48	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REF2.D Vial: 5
Acq On : 29 May 2002 3:16 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:17 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.63	178	624360	16.32	ug/l		99
36)	Di-n-butylphthalate	27.41	149	977809	19.32	ug/l		100
37)	Fluoranthene	29.11	202	732892	19.48	ug/l		96
39)	Pyrene	29.78	202	761521	21.83	ug/l		93
40)	Butylbenzylphthalate	31.93	149	341257	19.15	ug/l		89
41)	Benzo(a)anthracene	33.42	228	481612	18.49	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.71	149	457812	19.53	ug/l		99
43)	Chrysene	33.55	228	500200	19.45	ug/l		99
45)	Di-n-Octylphthalate	35.45	149	605519	17.03	ug/l	#	91
46)	Benzo(b)fluoranthene	36.50	252	425647	18.58	ug/l		97
47)	Benzo(k)fluoranthene	36.57	252	457739	19.32	ug/l		97
48)	Benzo(a)pyrene	37.46	252	258625	12.16	ug/l		95
49)	Indeno(1,2,3-cd)pyrene	41.62	276	317326	15.52	ug/l		97
50)	Dibenz(a,h)anthracene	41.69	278	277743	17.01	ug/l		98
51)	Benzo(g,h,i)perylene	42.80	276	287705	17.61	ug/l		96

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

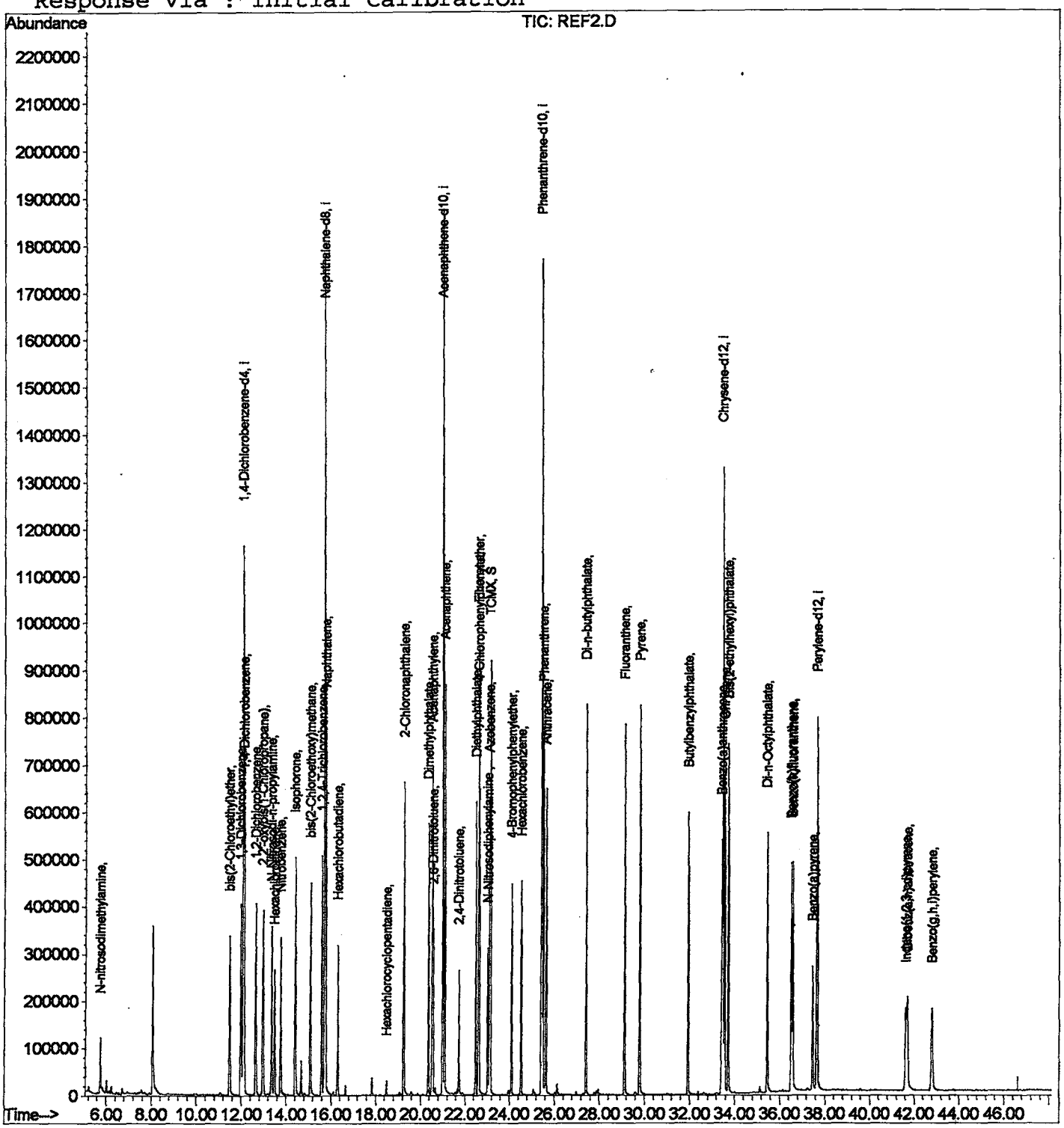
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\REF2.D
Acq On : 29 May 2002 3:16 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 8:17 2002

Vial: 5
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REF1.D Vial: 4
Acq On : 29 May 2002 2:17 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:16 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	595791	40.00	ug/l		-0.08
10) Naphthalene-d8	15.69	136	2389097	40.00	ug/l		-0.10
17) Acenaphthene-d10	21.00	164	1145047	40.00	ug/l		-0.09
30) Phenanthrene-d10	25.43	188	1794230m	40.00	ug/l		-0.10
38) Chrysene-d12	33.47	240	1076934m	40.00	ug/l		-0.13
44) Perylene-d12	37.65	264	693036	40.00	ug/l		-0.15
System Monitoring Compounds							
28) TCMX	23.14	209	243565	30.81	ug/L		-0.10
Spiked Amount 40.000			Recovery = 77.03%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.73	74	173334	9.69	ug/l		82
3) bis(2-Chloroethyl)ether	11.47	93	354905	14.98	ug/l		94
4) 1,3-Dichlorobenzene	11.96	146	312308	16.29	ug/l		100
5) 1,4-Dichlorobenzene	12.11	146	330706	15.74	ug/l		96
6) 1,2-Dichlorobenzene	12.63	146	324137	17.81	ug/l		98
7) 2,2'-oxybis(1-Chloropropan	12.96	45	587632	10.96	ug/l	#	91
8) N-Nitrosodi-n-propylamine	13.34	70	243044	14.45	ug/l	#	85
9) Hexachloroethane	13.47	117	103020	11.49	ug/l		92
11) Nitrobenzene	13.75	77	326898	15.74	ug/l	#	88
12) Isophorone	14.40	82	687553	16.72	ug/l	#	94
13) bis(2-Chloroethoxy)methane	15.08	93	421405	15.29	ug/l	#	97
14) 1,2,4-Trichlorobenzene	15.58	180	263727	17.67	ug/l		99
15) Naphthalene	15.76	128	1039761	19.28	ug/l	#	81
16) Hexachlorobutadiene	16.30	225	93602	12.96	ug/l		98
18) Hexachlorocyclopentadiene	18.49	237	11362	2.45	ug/l		100
19) 2-Chloronaphthalene	19.25	162	536654	21.03	ug/l		96
20) Dimethylphthalate	20.35	163	625568	19.47	ug/l		99
21) 2,6-Dinitrotoluene	20.56	165	118720	17.75	ug/l	#	96
22) Acenaphthylene	20.52	152	813345	17.39	ug/l		98
23) Acenaphthene	21.09	153	559101	20.01	ug/l		99
24) 2,4-Dinitrotoluene	21.73	165	147473	20.12	ug/l	#	82
25) Diethylphthalate	22.48	149	640147	21.57	ug/l		99
26) 4-Chlorophenylphenylether	22.63	204	287472	19.37	ug/l		99
27) Fluorene	22.60	166	605129	21.36	ug/l		99
29) Azobenzene	23.09	77	641267	15.00	ug/L		92
31) N-Nitrosodiphenylamine	23.02	168	170911m	14.46	ug/l		
32) 4-Bromophenylphenylether	24.09	248	144540	15.43	ug/l		
33) Hexachlorobenzene	24.52	284	170402	16.96	ug/l		
34) Phenanthrene	25.50	178	858036m	19.83	ug/l		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REF1.D Vial: 4
Acq On : 29 May 2002 2:17 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:16 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.62	178	742626	16.68	ug/l		
36)	Di-n-butylphthalate	27.41	149	1134267	19.26	ug/l		
37)	Fluoranthene	29.11	202	872041	19.92	ug/l		
39)	Pyrene	29.78	202	899786	22.79	ug/l		
40)	Butylbenzylphthalate	31.93	149	409754	20.31	ug/l		
41)	Benzo(a)anthracene	33.42	228	579689m	19.67	ug/l		
42)	Bis(2-ethylhexyl)phthalate	33.71	149	562397	21.20	ug/l		
43)	Chrysene	33.55	228	627350	21.55	ug/l		
45)	Di-n-Octylphthalate	35.45	149	771431	19.24	ug/l	#	91
46)	Benzo(b)fluoranthene	36.51	252	501559	19.42	ug/l		99
47)	Benzo(k)fluoranthene	36.58	252	483378	18.09	ug/l		99
48)	Benzo(a)pyrene	37.47	252	310458	12.95	ug/l		97
49)	Indeno(1,2,3-cd)pyrene	41.62	276	376868	16.35	ug/l		99
50)	Dibenz(a,h)anthracene	41.69	278	325979	17.70	ug/l		98
51)	Benzo(g,h,i)perylene	42.80	276	338703	18.39	ug/l		98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\REF1.D
Acq On : 29 May 2002 2:17 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 8:16 2002

Vial: 4
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration