User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 14:51:24

Sample: AE11604
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/22/20 00:06 Ended: 5/22/20 00:06 Analyst: MG
Result source: c:\hpchem\1\data\may2102\refa1.d\refa1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		12	2.0
2	bis(2-Chloroethyl)ether		18	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)		17	2.0
7	n-Nitrosodi-n-propylamine		17	2.0
8	Hexachloroethane		13	2.0
9	Nitrobenzene		18	2.0
10	Isophorone		20	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		13	2.0
15	2-Chloronaphthalene		20	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		18	2.0
21	Diethylphthalate		21	2.0
22	4-Chlorophenylphenylether		17	2.0
23	Fluorene		20	2.0
24	Azobenzene		17	2.0
25	n-Nitrosodiphenylamine		18	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		19	2.0
28	Phenanthrene		20	2.0
29	Anthracene		17	2.0
30	Di-n-butylphthalate		21	2.0
31	Fluoranthene		18	2.0
32	Pyrene		21	2.0
33	Butylbenzylphthalate		20	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		16	2.0
38	Benzo(b)fluoranthene		17	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		16	2.0
43	Benzo(g,h,i)perylene		17	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 14:51:31

Sample: AE11604
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/22/20 00:06 Ended: 5/22/20 00:06 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		60	2.0
2	bis(2-Chloroethyl)ether		90	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)		85	2.0
7	n-Nitrosodi-n-propylamine		85	2.0
8	Hexachloroethane		65	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		65	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		90	2.0
21	Diethylphthalate		100	2.0
22	4-Chlorophenylphenylether		85	2.0
23	Fluorene		100	2.0
24	Azobenzene		85	2.0
25	n-Nitrosodiphenylamine		90	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		95	2.0
28	Phenanthrene		100	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		100	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		80	2.0
38	Benzo(b)fluoranthene		85	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		80	2.0
43	Benzo(g,h,i)perylene		85	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA1.D Vial: 29
Acq On : 22 May 2002 6:08 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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	404600	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1594467	40.00	ug/l		-0.01
17) Acenaphthene-d10	21.09	164	773597	40.00	ug/l		0.00
30) Phenanthrene-d10	25.54	188	1023197	40.00	ug/l		0.00
38) Chrysene-d12	33.60	240	609065	40.00	ug/l		0.00
44) Perylene-d12	37.83	264	387501	40.00	ug/l		0.02
System Monitoring Compounds							
28) TCMX	23.24	209	148480	38.19	ug/L		0.00
Spiked Amount 40.000			Recovery = 95.47%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.79	74	140398	11.56	ug/l		93
3) bis(2-Chloroethyl)ether	11.54	93	284400	17.68	ug/l		96
4) 1,3-Dichlorobenzene	12.04	146	215212	16.53	ug/l		96
5) 1,4-Dichlorobenzene	12.19	146	225137	15.78	ug/l		98
6) 1,2-Dichlorobenzene	12.70	146	217766	17.62	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.02	45	628961	17.28	ug/l		99
8) N-Nitrosodi-n-propylamine	13.41	70	191158	16.73	ug/l		96
9) Hexachloroethane	13.55	117	76404	12.54	ug/l	#	86
11) Nitrobenzene	13.82	77	246568	17.79	ug/l		96
12) Isophorone	14.47	82	545500	19.88	ug/l		98
13) bis(2-Chloroethoxy)methane	15.16	93	333169	18.11	ug/l		99
14) 1,2,4-Trichlorobenzene	15.66	180	162102	16.28	ug/l		97
15) Naphthalene	15.83	128	697540	19.38	ug/l		100
16) Hexachlorobutadiene	16.38	225	63755	13.23	ug/l		99
18) Hexachlorocyclopentadiene	18.57	237	7164	2.28	ug/l		96
19) 2-Chloronaphthalene	19.34	162	346894	20.12	ug/l		96
20) Dimethylphthalate	20.43	163	410257	18.90	ug/l		99
21) 2,6-Dinitrotoluene	20.65	165	77176	17.08	ug/l	#	90
22) Acenaphthylene	20.62	152	545994	17.28	ug/l		100
23) Acenaphthene	21.18	153	375649	19.90	ug/l		100
24) 2,4-Dinitrotoluene	21.82	165	90500	18.27	ug/l		94
25) Diethylphthalate	22.58	149	424172	21.15	ug/l		97
26) 4-Chlorophenylphenylether	22.73	204	174196	17.38	ug/l		94
27) Fluorene	22.70	166	382393	19.98	ug/l		100
29) Azobenzene	23.19	77	488876	16.92	ug/L		98
31) N-Nitrosodiphenylamine	23.12	168	122047	18.10	ug/l		97
32) 4-Bromophenylphenylether	24.20	248	94240	17.64	ug/l		97
33) Hexachlorobenzene	24.63	284	106765	18.63	ug/l	#	93
34) Phenanthrene	25.60	178	487768	19.77	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA1.D Vial: 29
Acq On : 22 May 2002 6:08 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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

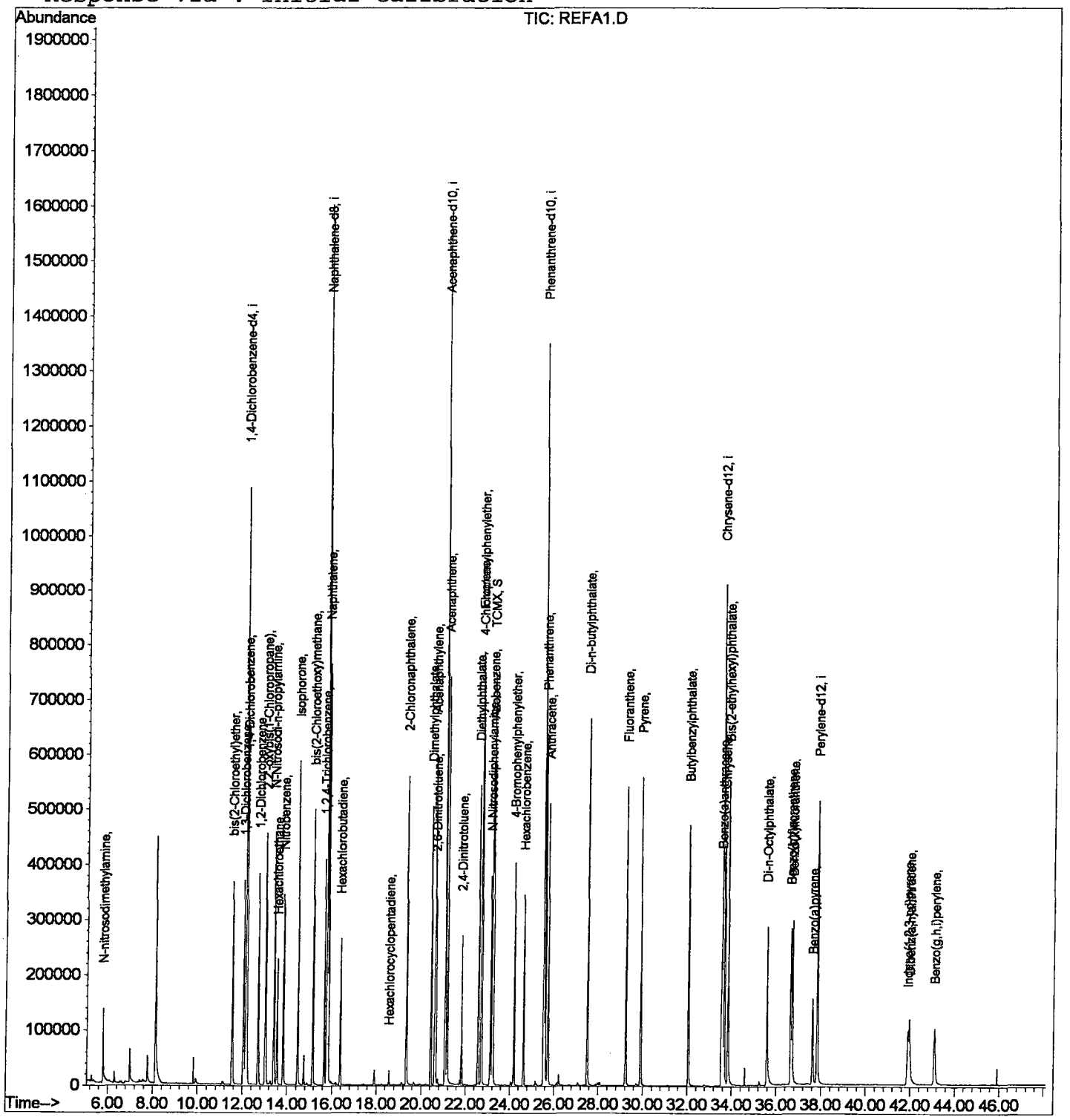
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.73	178	428443	16.88	ug/l		99
36)	Di-n-butylphthalate	27.52	149	713781	21.25	ug/l		99
37)	Fluoranthene	29.23	202	449227	17.99	ug/l		95
39)	Pyrene	29.90	202	458663	20.54	ug/l		94
40)	Butylbenzylphthalate	32.04	149	227736	19.96	ug/l		92
41)	Benzo(a)anthracene	33.55	228	291896	17.51	ug/l		100
42)	Bis(2-ethylhexyl)phthalate	33.83	149	299982	19.99	ug/l		95
43)	Chrysene	33.68	228	317037	19.26	ug/l		99
45)	Di-n-Octylphthalate	35.58	149	369278	16.47	ug/l	#	98
46)	Benzo(b)fluoranthene	36.65	252	241855m	16.75	ug/l		
47)	Benzo(k)fluoranthene	36.72	252	277106m	18.55	ug/l		
48)	Benzo(a)pyrene	37.63	252	161272	12.03	ug/l		96
49)	Indeno(1,2,3-cd)pyrene	41.89	276	201045	15.60	ug/l		95
50)	Dibenz(a,h)anthracene	41.96	278	169643	16.48	ug/l		95
51)	Benzo(g,h,i)perylene	43.11	276	178985	17.38	ug/l		94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA1.D Vial: 29
Acq On : 22 May 2002 6:08 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA2.D Vial: 30
Acq On : 22 May 2002 7:07 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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	402802	40.00	ug/l		0.00
10) Naphthalene-d8	15.78	136	1582036	40.00	ug/l		-0.02
17) Acenaphthene-d10	21.08	164	758656	40.00	ug/l		0.00
30) Phenanthrene-d10	25.53	188	1028433	40.00	ug/l		0.00
38) Chrysene-d12	33.58	240	627747	40.00	ug/l		-0.03
44) Perylene-d12	37.79	264	393739	40.00	ug/l		-0.02
System Monitoring Compounds							
28) TCMX	23.23	209	151214	39.66	ug/L		0.00
Spiked Amount 40.000			Recovery = 99.15%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.80	74	143382	11.86	ug/l		95
3) bis(2-Chloroethyl)ether	11.54	93	288902	18.04	ug/l		97
4) 1,3-Dichlorobenzene	12.04	146	211272	16.30	ug/l		97
5) 1,4-Dichlorobenzene	12.18	146	223255	15.72	ug/l		98
6) 1,2-Dichlorobenzene	12.70	146	216233	17.57	ug/l		98
7) 2,2'-oxybis(1-Chloropropan	13.03	45	647286	17.86	ug/l		99
8) N-Nitrosodi-n-propylamine	13.41	70	197060	17.33	ug/l		97
9) Hexachloroethane	13.55	117	73820	12.17	ug/l	#	83
11) Nitrobenzene	13.82	77	256667	18.67	ug/l		94
12) Isophorone	14.47	82	567678	20.85	ug/l		100
13) bis(2-Chloroethoxy)methane	15.15	93	346144	18.97	ug/l		99
14) 1,2,4-Trichlorobenzene	15.67	180	161959	16.39	ug/l		97
15) Naphthalene	15.83	128	712123	19.94	ug/l		99
16) Hexachlorobutadiene	16.38	225	60472	12.65	ug/l		98
18) Hexachlorocyclopentadiene	18.58	237	6768	2.20	ug/l		91
19) 2-Chloronaphthalene	19.34	162	351772	20.80	ug/l		96
20) Dimethylphthalate	20.44	163	426651	20.05	ug/l		99
21) 2,6-Dinitrotoluene	20.65	165	82319	18.58	ug/l		94
22) Acenaphthylene	20.61	152	555339	17.92	ug/l		100
23) Acenaphthene	21.17	153	380451	20.55	ug/l		99
24) 2,4-Dinitrotoluene	21.81	165	96465	19.86	ug/l		93
25) Diethylphthalate	22.57	149	432974	22.02	ug/l		96
26) 4-Chlorophenylphenylether	22.72	204	179540	18.26	ug/l		95
27) Fluorene	22.69	166	390017	20.78	ug/l		99
29) Azobenzene	23.18	77	506263	17.87	ug/L		96
31) N-Nitrosodiphenylamine	23.11	168	125567	18.53	ug/l	#	92
32) 4-Bromophenylphenylether	24.19	248	97067	18.08	ug/l		94
33) Hexachlorobenzene	24.62	284	107828	18.72	ug/l	#	90
34) Phenanthrene	25.59	178	508258	20.49	ug/l		100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA2.D Vial: 30
Acq On : 22 May 2002 7:07 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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	442767	17.35	ug/l		100
36)	Di-n-butylphthalate	27.50	149	746275	22.11	ug/l		99
37)	Fluoranthene	29.21	202	470144	18.74	ug/l	#	92
39)	Pyrene	29.89	202	486932	21.16	ug/l		95
40)	Butylbenzylphthalate	32.02	149	239739	20.39	ug/l		94
41)	Benzo(a)anthracene	33.53	228	314460	18.30	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.81	149	307719	19.90	ug/l		97
43)	Chrysene	33.65	228	341238	20.11	ug/l		99
45)	Di-n-Octylphthalate	35.55	149	379126	16.64	ug/l	#	96
46)	Benzo(b)fluoranthene	36.62	252	257429	17.54	ug/l		98
47)	Benzo(k)fluoranthene	36.69	252	283053	18.65	ug/l		98
48)	Benzo(a)pyrene	37.59	252	169941	12.48	ug/l	#	95
49)	Indeno(1,2,3-cd)pyrene	41.82	276	199604	15.24	ug/l		95
50)	Dibenz(a,h)anthracene	41.90	278	173693	16.60	ug/l	#	94
51)	Benzo(g,h,i)perylene	43.04	276	177568	16.97	ug/l		93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\REFA2.D Vial: 30
Acq On : 22 May 2002 7:07 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:12 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