User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 09:06:17

Sample: AE09329
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/25/20 00:03 Ended: 4/25/20 00:03 Analyst: MG
Result source: c:\hpchem\1\data\apr2502\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		6.0	2.0
2	bis(2-Chloroethyl)ether		9.8	2.0
3	1,3-Dichlorobenzene		8.1	2.0
4	1,4-Dichlorobenzene		8.5	2.0
5	1,2-Dichlorobenzene		9.1	2.0
6	2,2-oxybis(1-Chloropropane)		9.6	2.0
7	n-Nitrosodi-n-propylamine		9.3	2.0
8	Hexachloroethane		6.8	2.0
9	Nitrobenzene		9.5	2.0
10	Isophorone		8.1	2.0
11	bis(2-Chloroethoxy)methane		10	2.0
12	1,2,4-Trichlorobenzene		10	2.0
13	Naphthalene		10	2.0
14	Hexachlorobutadiene		7.2	2.0
15	2-Chloronaphthalene		11	2.0
16	Dimethylphthalate		12	2.0
17	2,6-Dinitrotoluene		10	2.0
18	Acenaphthylene		11	2.0
19	Acenaphthene		11	2.0
20	2,4-Dinitrotoluene		9.9	2.0
21	Diethylphthalate		12	2.0
22	4-Chlorophenylphenylether		12	2.0
23	Fluorene		12	2.0
24	Azobenzene		10	2.0
25	n-Nitrosodiphenylamine		8.7	2.0
26	4-Bromophenylphenylether		13	2.0
27	Hexachlorobenzene		13	2.0
28	Phenanthrene		12	2.0
29	Anthracene		11	2.0
30	Di-n-butylphthalate		12	2.0
31	Fluoranthene		12	2.0
32	Pyrene		11	2.0
33	Butylbenzylphthalate		9.8	2.0
34	Benzo(a)anthracene		11	2.0
35	bis(2-Ethylhexyl)phthalate		10	2.0
36	Chrysene		12	2.0
37	Di-n-octylphthalate		7.8	2.0
38	Benzo(b)fluoranthene		10	2.0
39	Benzo(k)fluoranthene		13	2.0
40	Benzo(a)pyrene		8.6	2.0
41	Indeno(1,2,3-cd)pyrene		9.1	2.0
42	Dibenz(a,h)anthracene		11	2.0
43	Benzo(g,h,i)perylene		9.4	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 09:12:25

Sample: AE09329
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/25/20 00:03 Ended: 4/25/20 00:03 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		30	2.0
2	[redacted]			
3	1,3-Dichlorobenzene		40	2.0
4	1,4-Dichlorobenzene		42	2.0
5	1,2-Dichlorobenzene		46	2.0
6	[redacted]			
7	[redacted]			
8	Hexachloroethane		34	2.0
9	Nitrobenzene		48	2.0
10	[redacted]			
11	bis(2-Chloroethoxy)methane		50	2.0
12	1,2,4-Trichlorobenzene		50	2.0
13	Naphthalene		50	2.0
14	Hexachlorobutadiene		36	2.0
15	2-Chloronaphthalene		55	2.0
16	[redacted]			
17	2,6-Dinitrotoluene		50	2.0
18	[redacted]			
19	[redacted]			
20	2,4-Dinitrotoluene		50	2.0
21	[redacted]			
22	4-Chlorophenylphenylether		60	2.0
23	[redacted]			
24	[redacted]			
25	[redacted]			
26	4-Bromophenylphenylether		65	2.0
27	Hexachlorobenzene		65	2.0
28	[redacted]			
29	[redacted]			
30	[redacted]			
31	Fluoranthene		60	2.0
32	[redacted]			
33	[redacted]			
34	[redacted]			
35	[redacted]			
36	[redacted]			
37	[redacted]			
38	[redacted]			
39	Benzo(k)fluoranthene		65	2.0
40	[redacted]			
41	Indeno(1,2,3-cd)pyrene		46	2.0
42	Dibenz(a,h)anthracene		55	2.0
43	Benzo(g,h,i)perylene		47	2.0

Data File : C:\HPCHEM\1\DATA\APR2502\REF1.D Vial: 4
Acq On : 25 Apr 2002 3:39 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:37 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	718795	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2602799	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1458715	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	2135986	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1446460	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	927854	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.28	209	49377	8.80 ~~6.69~~	ug/L	-0.05
Spiked Amount 10.000			Recovery =	~~66.90%~~ 88%		
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	91835	5.87	ug/l	97
3) bis(2-Chloroethyl)ether	11.61	93	239698	9.84	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	204383	8.14	ug/l	99
5) 1,4-Dichlorobenzene	12.26	146	214493	8.49	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	214094	9.12	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	322870	9.60	ug/l	97
8) N-Nitroso-di-n-propylamine	13.48	70	148367	9.29	ug/l	96
9) Hexachloroethane	13.62	117	62665	6.77	ug/l	97
11) Nitrobenzene	13.89	77	215890	9.46	ug/l	98
12) Isophorone	14.54	82	347769	8.05	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	283797	10.09	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	199856	10.10	ug/l	99
15) Naphthalene	15.90	128	654282	10.46	ug/l	99
16) Hexachlorobutadiene	16.44	225	71101	7.19	ug/l	97
18) Hexachlorocyclopentadiene	18.64	237	7011	1.09	ug/l	93
19) 2-Chloronaphthalene	19.40	162	415349	10.80	ug/l	98
20) Dimethylphthalate	20.49	163	522847	11.79	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	108888	10.27	ug/l	94
22) Acenaphthylene	20.68	152	598499	11.12	ug/l	100
23) Acenaphthene	21.24	153	430226	11.24	ug/l	98
24) 2,4-Dinitrotoluene	21.88	165	138742	9.94	ug/l	99
25) Diethylphthalate	22.62	149	497288	11.69	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	231500	12.26	ug/l	98
27) Fluorene	22.76	166	473184	11.68	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	430144	9.55	ug/L	96
31) N-Nitrosodiphenylamine	23.16	168	154197	8.68	ug/l	99
32) 4-Bromophenyl-phenylether	24.25	248	129995	12.54	ug/l	95

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

Data File : C:\HPCHEM\1\DATA\APR2502\REF1.D Vial: 4
Acq On : 25 Apr 2002 3:39 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:37 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

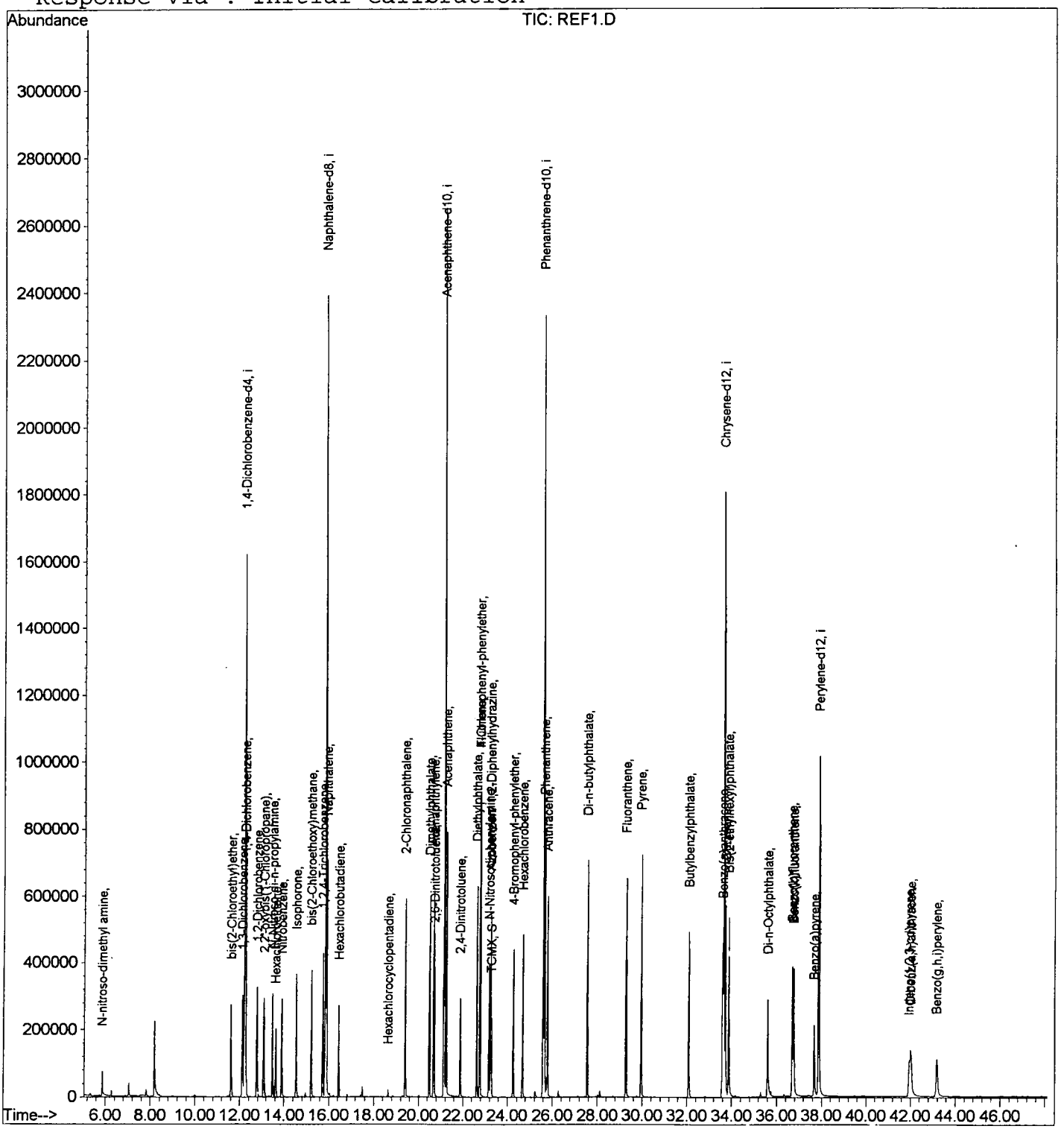
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33) Hexachlorobenzene	24.68	284	159508	13.00	ug/l		97
34) Phenanthrene	25.65	178	664760	12.05	ug/l		99
35) Anthracene	25.78	178	570144	10.51	ug/l		99
36) Di-n-butylphthalate	27.55	149	820742	11.89	ug/l		99
37) Fluoranthene	29.28	202	640257	11.54	ug/l		94
40) Pyrene	29.95	202	662965	11.41	ug/l		97
41) Butylbenzylphthalate	32.08	149	278064	9.78	ug/l		97
42) Benzo(a)anthracene	33.58	228	462620	11.48	ug/l		99
43) Bis(2-ethylhexyl)phthalate	33.86	149	363480	10.00	ug/l		99
44) Chrysene	33.72	228	496870	12.43	ug/l		99
46) Di-n-Octylphthalate	35.60	149	429599	7.84	ug/l	#	99
47) Benzo(b)fluoranthene	36.69	252	362447	10.23	ug/l		98
48) Benzo(k)fluoranthene	36.76	252	454749	13.19	ug/l		97
49) Benzo(a)pyrene	37.67	252	250726	8.59	ug/l		100
50) Indeno(1,2,3-cd)pyrene	41.95	276	268406	9.13	ug/l		96
51) Dibenz(a,h)anthracene	42.02	278	241700	10.78	ug/l		96
52) Benzo(g,h,i)perylene	43.18	276	231858	9.45	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\REF1.D Vial: 4
Acq On : 25 Apr 2002 3:39 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:37 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REF2.D Vial: 5
Acq On : 25 Apr 2002 4:38 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:38 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	678472	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	2480658	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1381019	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	2026120	20.00	ug/l	-0.02
39) Chrysene-d12	33.65	240	1301855	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	806462	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.28	209	48945	~~7.01~~ 8.72	ug/L	-0.05
Spiked Amount 10.000			Recovery =	~~70.10%~~ 87%		
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	84502	5.72	ug/l	98
3) bis(2-Chloroethyl)ether	11.60	93	224267	9.76	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	194913	8.22	ug/l	99
5) 1,4-Dichlorobenzene	12.25	146	203207	8.52	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	202813	9.16	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	306677	9.66	ug/l	99
8) N-Nitroso-di-n-propylamine	13.48	70	142351	9.44	ug/l	97
9) Hexachloroethane	13.62	117	60581	6.93	ug/l	93
11) Nitrobenzene	13.89	77	204870	9.42	ug/l	100
12) Isophorone	14.54	82	338342	8.22	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	273764	10.21	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	187708	9.95	ug/l	99
15) Naphthalene	15.90	128	612416	10.27	ug/l	99
16) Hexachlorobutadiene	16.45	225	66717	7.07	ug/l	98
18) Hexachlorocyclopentadiene	18.64	237	6656	1.09	ug/l	93
19) 2-Chloronaphthalene	19.41	162	389045	10.68	ug/l	98
20) Dimethylphthalate	20.49	163	487033	11.60	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	100597	10.02	ug/l	98
22) Acenaphthylene	20.67	152	560095	10.99	ug/l	99
23) Acenaphthene	21.24	153	401869	11.09	ug/l	100
24) 2,4-Dinitrotoluene	21.88	165	129657	9.81	ug/l	99
25) Diethylphthalate	22.63	149	469180	11.65	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	217560	12.17	ug/l	99
27) Fluorene	22.76	166	449359	11.72	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	405986	9.53	ug/L	97
31) N-Nitrosodiphenylamine	23.17	168	142485	8.45	ug/l	100
32) 4-Bromophenyl-phenylether	24.24	248	122625	12.47	ug/l	96

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

Data File : C:\HPCHEM\1\DATA\APR2502\REF2.D Vial: 5
Acq On : 25 Apr 2002 4:38 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:38 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
33)	Hexachlorobenzene	24.69	284	150605	12.94 ug/l	#	92
34)	Phenanthrene	25.65	178	614969	11.75 ug/l		99
35)	Anthracene	25.79	178	534876	10.39 ug/l		99
36)	Di-n-butylphthalate	27.56	149	752233	11.49 ug/l		100
37)	Fluoranthene	29.28	202	587045	11.15 ug/l		96
40)	Pyrene	29.95	202	601829	11.51 ug/l		98
41)	Butylbenzylphthalate	32.08	149	252061	9.86 ug/l		95
42)	Benzo(a)anthracene	33.59	228	401719	11.07 ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	325069	9.93 ug/l		99
44)	Chrysene	33.72	228	435789	12.11 ug/l		98
46)	Di-n-Octylphthalate	35.60	149	361073	7.58 ug/l	#	99
47)	Benzo(b)fluoranthene	36.69	252	347483	11.29 ug/l		96
48)	Benzo(k)fluoranthene	36.76	252	354860	11.84 ug/l		98
49)	Benzo(a)pyrene	37.68	252	212769	8.38 ug/l		97
50)	Indeno(1,2,3-cd)pyrene	41.95	276	223468	8.75 ug/l		95
51)	Dibenz(a,h)anthracene	42.03	278	195257	10.02 ug/l		96
52)	Benzo(g,h,i)perylene	43.17	276	192457	9.02 ug/l		97

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

Data File : C:\HPCHEM\1\DATA\APR2502\REF2.D Vial: 5
Acq On : 25 Apr 2002 4:38 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:38 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration