User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/12/2002 Time: 15:54:25

Sample: AE07633
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/3/02 15:48 Ended: 4/10/02 15:48 Analyst: MN
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.7		2.0
2	bis(2-Chloroethyl)ether		8.7		2.0
3	1,3-Dichlorobenzene		6.5		2.0
4	1,4-Dichlorobenzene		6.8		2.0
5	1,2-Dichlorobenzene		7.1		2.0
6	2,2-oxybis(1-Chloropropane)		8.6		2.0
7	n-Nitrosodi-n-propylamine		9.0		2.0
8	Hexachloroethane		5.3		2.0
9	Nitrobenzene		7.6		2.0
10	Isophorone		7.8		2.0
11	bis(2-Chloroethoxy)methane		9.0		2.0
12	1,2,4-Trichlorobenzene		7.3		2.0
13	Naphthalene		8.5		2.0
14	Hexachlorobutadiene		5.2		2.0
15	2-Chloronaphthalene		7.8		2.0
16	Dimethylphthalate		9.2		2.0
17	2,6-Dinitrotoluene		8.4		2.0
18	Acenaphthylene		8.3		2.0
19	Acenaphthene		8.4		2.0
20	2,4-Dinitrotoluene		6.4		2.0
21	Diethylphthalate		9.5		2.0
22	4-Chlorophenylphenylether		8.2		2.0
23	Fluorene		8.4		2.0
24	Azobenzene		8.2		2.0
25	n-Nitrosodiphenylamine		7.8		2.0
26	4-Bromophenylphenylether		8.0		2.0
27	Hexachlorobenzene		8.1		2.0
28	Phenanthrene		8.8		2.0
29	Anthracene		8.1		2.0
30	Di-n-butylphthalate		9.9		2.0
31	Fluoranthene		8.8		2.0
32	Pyrene		9.2		2.0
33	Butylbenzylphthalate		7.9		2.0
34	Benzo(a)anthracene		9.4		2.0
35	bis(2-Ethylhexyl)phthalate		7.9		2.0
36	Chrysene		9.9		2.0
37	Di-n-octylphthalate		10		2.0
38	Benzo(b)fluoranthene		8.1		2.0
39	Benzo(k)fluoranthene		9.2		2.0
40	Benzo(a)pyrene		6.6		2.0
41	Indeno(1,2,3-cd)pyrene		8.9		2.0
42	Dibenz(a,h)anthracene		6.4		2.0
43	Benzo(g,h,i)perylene		7.5		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/12/2002 Time: 15:54:31

Sample: AE07633
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/3/02 15:48 Ended: 4/10/02 15:48 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		47		2.0
2	bis(2-Chloroethyl)ether		87		2.0
3	1,3-Dichlorobenzene		65		2.0
4	1,4-Dichlorobenzene		68		2.0
5	1,2-Dichlorobenzene		71		2.0
6	2,2-oxybis(1-Chloropropane)		86		2.0
7	n-Nitrosodi-n-propylamine		90		2.0
8	Hexachloroethane		53		2.0
9	Nitrobenzene		76		2.0
10	Isophorone		78		2.0
11	bis(2-Chloroethoxy)methane		90		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		85		2.0
14	Hexachlorobutadiene		52		2.0
15	2-Chloronaphthalene		78		2.0
16	Dimethylphthalate		92		2.0
17	2,6-Dinitrotoluene		84		2.0
18	Acenaphthylene		83		2.0
19	Acenaphthene		84		2.0
20	2,4-Dinitrotoluene		64		2.0
21	Diethylphthalate		95		2.0
22	4-Chlorophenylphenylether		82		2.0
23	Fluorene		84		2.0
24	Azobenzene		82		2.0
25	n-Nitrosodiphenylamine		78		2.0
26	4-Bromophenylphenylether		80		2.0
27	Hexachlorobenzene		81		2.0
28	Phenanthrene		88		2.0
29	Anthracene		81		2.0
30	Di-n-butylphthalate		99		2.0
31	Fluoranthene		88		2.0
32	Pyrene		92		2.0
33	Butylbenzylphthalate		79		2.0
34	Benzo(a)anthracene		94		2.0
35	bis(2-Ethylhexyl)phthalate		79		2.0
36	Chrysene		99		2.0
37	Di-n-octylphthalate		100		2.0
38	Benzo(b)fluoranthene		81		2.0
39	Benzo(k)fluoranthene		92		2.0
40	Benzo(a)pyrene		66		2.0
41	Indeno(1,2,3-cd)pyrene		89		2.0
42	Dibenz(a,h)anthracene		64		2.0
43	Benzo(g,h,i)perylene		75		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF1.D Vial: 5
Acq On : 10 Apr 2002 2:12 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:51:24 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	2531001	20.00	ug/l		-0.01
10) Naphthalene-d8	15.77	136	9641706	20.00	ug/l		-0.01
17) Acenaphthene-d10	23.66	164	5413198	20.00	ug/l		0.00
31) Phenanthrene-d10	30.90	188	8632949	20.00	ug/l		0.00
39) Chrysene-d12	39.10	240	6965370	20.00	ug/l		-0.02
45) Perylene-d12	42.30	264	3587389m	20.00	ug/l		0.00
System Monitoring Compounds							
28) TCMX	26.73	207	215398	3.32	ug/l		0.17
Spiked Amount 4.000			Recovery =	83.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/ml		
Spiked Amount 5.000			Recovery =	0.00%			
Target Compounds							Qvalue
2) N-nitrosodimethylamine	3.70	74	385048m	4.74	ug/l		
3) bis(2-Chloroethyl)ether	9.94	93	1307110	8.67	ug/l		99
4) 1.3-Dichlorbenzene	10.41	146	1178443	6.46	ug/l		98
5) 1,4-Dichlorobenzene	10.72	146	1243292	6.76	ug/l		98
6) 1,2-Dichlorobenzene	11.23	146	1228098	7.09	ug/l		98
7) 2,2'oxybis(1-Chloropropane	12.03	45	2200402m	8.63	ug/l		
8) N-Nitroso-di-n-propylamine	12.51	43	910003	8.97	ug/l		97
9) Hexachloroethane	12.52	119	329652	5.32	ug/l		92
11) Nitrobenzene	12.92	77	1244110	7.60	ug/l		99
12) Isophorone	14.03	82	2176812	7.83	ug/l		99
13) bis(2-Chloroethoxy) methan	15.25	93	1614195	9.03	ug/l		98
14) 1,2,4-Trichlorobenzene	15.61	180	1017725	7.28	ug/l		99
15) Naphthalene	15.85	128	3963858	8.54	ug/l		99
16) Hexachlorobutadiene	16.62	225	396956	5.20	ug/l		99
18) Hexachlorocyclopentadiene	19.80	237	29001	0.61	ug/l		92
19) 2-Chloronaphthalene	21.13	162	2314935	7.80	ug/l		99
20) Acenaphthylene	22.95	152	3439861	8.29	ug/l		99
21) Dimethyl phthalate	23.04	163	2995669	9.24	ug/l		99
22) 2,6-Dinitrotoluene	23.15	77	144939	8.36	ug/l	#	88
23) Acenaphthene	23.79	153	2569971	8.40	ug/l		99
24) 2,4-Dinitrotoluene	24.92	165	497131	6.35	ug/l		97
25) Fluorene	26.20	166	2835078	8.44	ug/l		99
26) Diethyl phthalate	26.41	149	2985706	9.45	ug/l		98
27) 4-Chlorophenyl-phenylether	26.53	204	1283996	8.16	ug/l		96
29) N-Nitrosodiphenylamine	27.13	168	983749	7.75	ug/l		98
30) Azobenzene	27.21	77	3078362	8.23	ug/l		99
32) Hexachlorobenzene	28.77	284	920034	8.11	ug/l		98
33) 4-Bromophenyl-phenylether	28.89	248	739675	7.96	ug/l		97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF1.D Vial: 5
Acq On : 10 Apr 2002 2:12 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:51:24 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

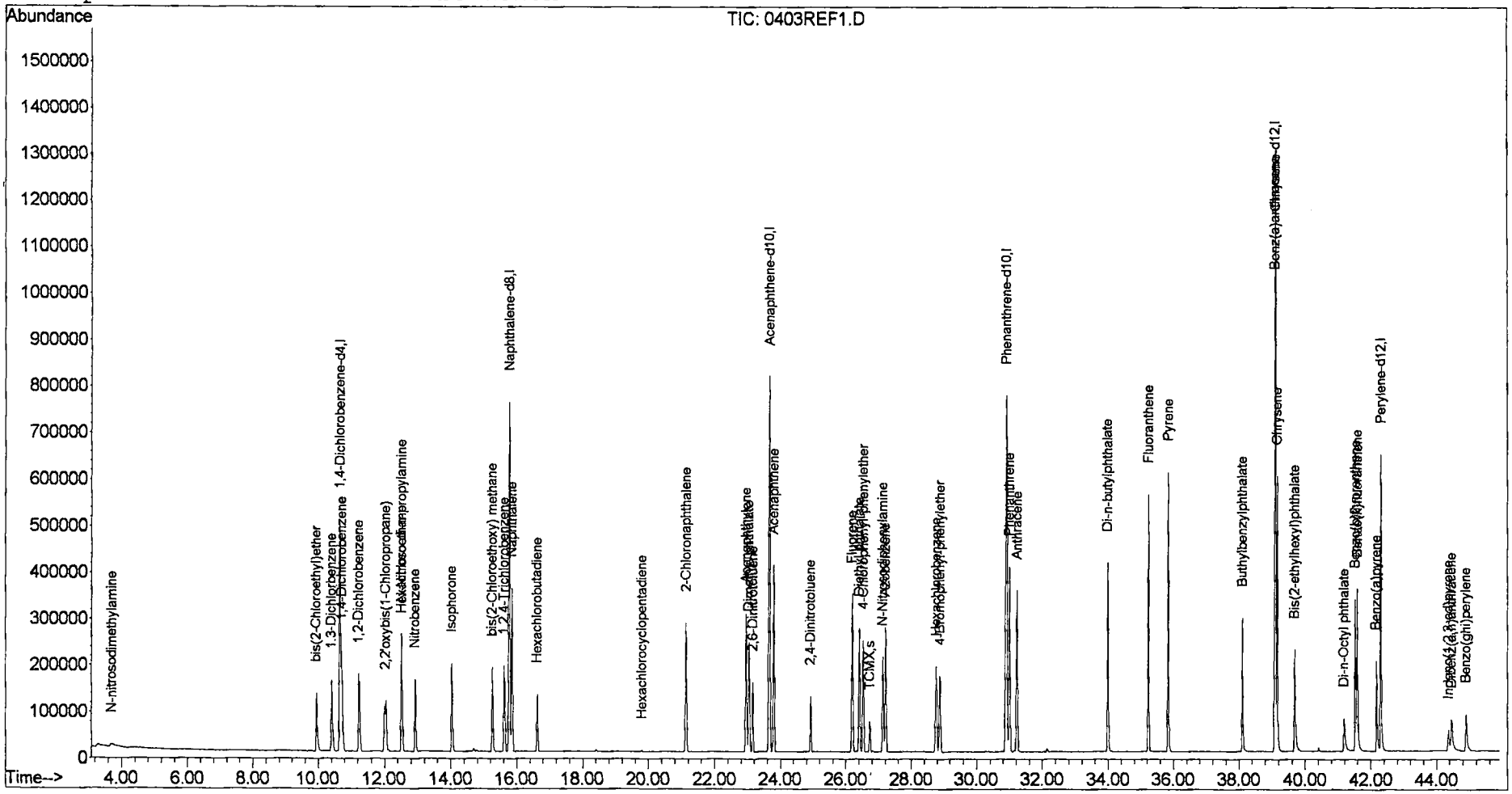
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Phenanthrene	30.99	178	4251276	8.80	ug/l	99
35)	Anthracene	31.22	178	3785618	8.08	ug/l	98
36)	Di-n-butylphthalate	33.98	149	4793992	9.85	ug/l	99
37)	Fluoranthene	35.23	202	4341365	8.75	ug/l	97
40)	Pyrene	35.83	202	4588599	9.21	ug/l	97
41)	Buthylbenzylphthalate	38.09	149	1458095	7.86	ug/l	96
42)	Benz(a)anthracene	39.08	228	3648448m	9.43	ug/l	
43)	Chrysene	39.16	228	3754609m	9.90	ug/l	
44)	Bis(2-ethylhexyl)phthalate	39.68	149	1673928m	7.93	ug/l	
46)	Di-n-Octyl phthalate	41.19	149	1473811m	10.37	ug/l	
47)	Benzo(b)fluoranthene	41.53	252	2344852	8.11	ug/l	97
48)	Benzo(k)fluoranthene	41.58	252	3064452m	9.23	ug/l	
49)	Benzo(a)pyrene	42.17	252	1604361m	6.58	ug/l	
50)	Indeno(1,2,3-cd)pyrene	44.35	276	531600m	8.91	ug/l	
51)	Dibenz(a,h)anthracene	44.44	278	887400m	6.37	ug/l	
52)	Benzo(ghi)perylene	44.88	276	1084050m	7.51	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF1.D Vial: 5
Acq On : 10 Apr 2002 2:12 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:52 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 2002
Response via : Initial Calibration



0403REF1.D SCANAPR0902.M Thu Apr 11 15:52:39 2002 Page 3

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF2.D Vial: 7
Acq On : 10 Apr 2002 4:04 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 13:59:05 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 14:51:40 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	2496368	20.00	ug/l		0.00
10) Naphthalene-d8	15.77	136	9404872	20.00	ug/l		-0.01
17) Acenaphthene-d10	23.66	164	5209756	20.00	ug/l		0.00
31) Phenanthrene-d10	30.90	188	8284224	20.00	ug/l		0.00
39) Chrysene-d12	39.10	240	6594981	20.00	ug/l		-0.02
45) Perylene-d12	42.30	264	3339138m	20.00	ug/l		0.00
System Monitoring Compounds							
28) TCMX	26.73	207	223186	3.07	ug/l		0.17
Spiked Amount 5.000			Recovery = 61.40%				
38) 2,4-DDD	0.00	235	0	0.00	ug/ml		
Spiked Amount 5.000			Recovery = 0.00%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	3.65	74	396963m	4.96	ug/l		
3) bis(2-Chloroethyl)ether	9.94	93	1291990	8.69	ug/l		97
4) 1.3-Dichlorbenzene	10.41	146	1376551	7.65	ug/l		98
5) 1,4-Dichlorobenzene	10.72	146	1407236	7.75	ug/l		98
6) 1,2-Dichlorobenzene	11.23	146	1359145	7.95	ug/l		98
7) 2,2'oxybis(1-Chloropropane	12.03	45	2199145m	8.75	ug/l		
8) N-Nitroso-di-n-propylamine	12.51	43	927337	9.27	ug/l		96
9) Hexachloroethane	12.52	119	479962	7.85	ug/l		95
11) Nitrobenzene	12.92	77	1285443	8.05	ug/l		99
12) Isophorone	14.03	82	2214037	8.17	ug/l		100
13) bis(2-Chloroethoxy) methan	15.25	93	1598985	9.17	ug/l		98
14) 1,2,4-Trichlorobenzene	15.62	180	1160830	8.52	ug/l		98
15) Naphthalene	15.85	128	4077484	9.00	ug/l		100
16) Hexachlorobutadiene	16.62	225	626134	8.41	ug/l		98
18) Hexachlorocyclopentadiene	19.79	237	67502	1.47	ug/l		88
19) 2-Chloronaphthalene	21.13	162	2418109	8.46	ug/l		100
20) Acenaphthylene	22.95	152	3495354	8.75	ug/l		99
21) Dimethyl phthalate	23.04	163	3003520	9.63	ug/l		99
22) 2,6-Dinitrotoluene	23.15	77	158667	9.51	ug/l	#	80
23) Acenaphthene	23.79	153	2628089	8.93	ug/l		99
24) 2,4-Dinitrotoluene	24.92	165	524835	6.97	ug/l		96
25) Fluorene	26.20	166	2921713	9.04	ug/l		100
26) Diethyl phthalate	26.41	149	3007665	9.89	ug/l		98
27) 4-Chlorophenyl-phenylether	26.53	204	1378919	9.10	ug/l		96
29) N-Nitrosodiphenylamine	27.13	168	923922	7.57	ug/l		98
30) Azobenzene	27.21	77	3117158	8.65	ug/l		98
32) Hexachlorobenzene	28.77	284	932804	8.57	ug/l		98
33) 4-Bromophenyl-phenylether	28.89	248	787083	8.83	ug/l		96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF2.D Vial: 7
Acq On : 10 Apr 2002 4:04 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 13:59:05 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 14:51:40 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Phenanthrene	30.99	178	4327408	9.33	ug/l	99
35)	Anthracene	31.22	178	3873408	8.61	ug/l	99
36)	Di-n-butylphthalate	33.98	149	4970304	10.64	ug/l	99
37)	Fluoranthene	35.23	202	4372380	9.19	ug/l	98
40)	Pyrene	35.83	202	4614277	9.79	ug/l	98
41)	Buthylbenzylphthalate	38.09	149	1507976	8.59	ug/l	98
42)	Benz(a)anthracene	39.08	228	3603081m	9.84	ug/l	
43)	Chrysene	39.16	228	3707005m	10.32	ug/l	
44)	Bis(2-ethylhexyl)phthalate	39.68	149	1684139	8.43	ug/l	96
46)	Di-n-Octyl phthalate	41.19	149	1503031m	10.74	ug/l	
47)	Benzo(b)fluoranthene	41.52	252	2393138m	8.90	ug/l	
48)	Benzo(k)fluoranthene	41.59	252	2962693m	9.59	ug/l	
49)	Benzo(a)pyrene	42.17	252	1593211m	7.02	ug/l	
50)	Indeno(1,2,3-cd)pyrene	44.35	276	562967m	9.32	ug/l	
51)	Dibenz(a,h)anthracene	44.44	278	917386m	7.07	ug/l	
52)	Benzo(ghi)perylene	44.88	276	1139454m	8.48	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\0403REF2.D Vial: 7
Acq On : 10 Apr 2002 4:04 pm Operator: Nefliu
Sample : 04/03 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 14:00 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 14:51:40 2002
Response via : Initial Calibration