User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:40:11

Sample: AE10895
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/20/02 13:32 Ended: 5/20/02 13:32 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.53		2.0
2	bis(2-Chloroethyl)ether		15.50		2.0
3	1,3-Dichlorobenzene		13.85		2.0
4	1,4-Dichlorobenzene		14.09		2.0
5	1,2-Dichlorobenzene		15.49		2.0
6	2,2-oxybis(1-Chloropropane)		16.31		2.0
7	n-Nitrosodi-n-propylamine		15.11		2.0
8	Hexachloroethane		11.72		2.0
9	Nitrobenzene		15.05		2.0
10	Isophorone		17.56		2.0
11	bis(2-Chloroethoxy)methane		16.17		2.0
12	1,2,4-Trichlorobenzene		15.47		2.0
13	Naphthalene		17.36		2.0
14	Hexachlorobutadiene		13.65		2.0
15	2-Chloronaphthalene		18.36		2.0
16	Dimethylphthalate		16.23		2.0
17	2,6-Dinitrotoluene		16.33		2.0
18	Acenaphthylene		15.13		2.0
19	Acenaphthene		17.71		2.0
20	2,4-Dinitrotoluene		14.44		2.0
21	Diethylphthalate		18.21		2.0
22	4-Chlorophenylphenylether		17.03		2.0
23	Fluorene		18.33		2.0
24	Azobenzene		15.45		2.0
25	n-Nitrosodiphenylamine		16.98		2.0
26	4-Bromophenylphenylether		17.99		2.0
27	Hexachlorobenzene		18.91		2.0
28	Phenanthrene		17.75		2.0
29	Anthracene		15.56		2.0
30	Di-n-butylphthalate		16.26		2.0
31	Fluoranthene		16.99		2.0
32	Pyrene		18.17		2.0
33	Butylbenzylphthalate		12.90		2.0
34	Benzo(a)anthracene		15.66		2.0
35	bis(2-Ethylhexyl)phthalate		11.99		2.0
36	Chrysene		17.44		2.0
37	Di-n-octylphthalate		10.27		2.0
38	Benzo(b)fluoranthene		17.78		2.0
39	Benzo(k)fluoranthene		17.55		2.0
40	Benzo(a)pyrene		10.70		2.0
41	Indeno(1,2,3-cd)pyrene		11.77		2.0
42	Dibenz(a,h)anthracene		14.68		2.0
43	Benzo(g,h,i)perylene		15.70		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:40:07

Sample: AE10895
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/20/02 13:32 Ended: 5/20/02 13:32 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		43		2.0
2	bis(2-Chloroethyl)ether		78		2.0
3	1,3-Dichlorobenzene		69		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		77		2.0
6	2,2-oxybis(1-Chloropropane)		82		2.0
7	n-Nitrosodi-n-propylamine		76		2.0
8	Hexachloroethane		59		2.0
9	Nitrobenzene		75		2.0
10	Isophorone		88		2.0
11	bis(2-Chloroethoxy)methane		81		2.0
12	1,2,4-Trichlorobenzene		77		2.0
13	Naphthalene		87		2.0
14	Hexachlorobutadiene		68		2.0
15	2-Chloronaphthalene		92		2.0
16	Dimethylphthalate		81		2.0
17	2,6-Dinitrotoluene		82		2.0
18	Acenaphthylene		76		2.0
19	Acenaphthene		89		2.0
20	2,4-Dinitrotoluene		72		2.0
21	Diethylphthalate		91		2.0
22	4-Chlorophenylphenylether		85		2.0
23	Fluorene		92		2.0
24	Azobenzene		77		2.0
25	n-Nitrosodiphenylamine		85		2.0
26	4-Bromophenylphenylether		90		2.0
27	Hexachlorobenzene		95		2.0
28	Phenanthrene		89		2.0
29	Anthracene		78		2.0
30	Di-n-butylphthalate		81		2.0
31	Fluoranthene		85		2.0
32	Pyrene		91		2.0
33	[illegible]				
34	Benzo(a)anthracene		78		2.0
35	[illegible]				
36	Chrysene		87		2.0
37	[illegible]				
38	Benzo(b)fluoranthene		89		2.0
39	Benzo(k)fluoranthene		88		2.0
40	Benzo(a)pyrene		54		2.0
41	Indeno(1,2,3-cd)pyrene		59		2.0
42	Dibenz(a,h)anthracene		73		2.0
43	Benzo(g,h,i)perylene		78		2.0

Data File : C:\MSDCHEM\1\DATA\051602\510REF1.D Vial: 4
Acq On : 16 May 2002 4:59 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:09:11 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	6340850	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	25544754	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13927597	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	20164832	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	14782880	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	9894226	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	3009742	35.59	ug/L	0.00
Spiked Amount 40.000			Recovery = 88.98%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.87	74	1107676	8.53	ug/L #	84
3) bis(2-Chloroethyl)ether	9.35	93	3845792	15.50	ug/L	89
4) 1,3-Dichlorobenzene	9.77	146	3497183	13.85	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	3657963	14.09	ug/L	100
6) 1,2-Dichlorobenzene	10.36	146	3577387	15.49	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	6235343m	16.31	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2657637	15.11	ug/L	96
9) Hexachloroethane	11.26	117	1122055	11.72	ug/L	93
11) Nitrobenzene	11.49	77	3718592	15.05	ug/L	94
12) Isophorone	12.21	82	7815868	17.56	ug/L	98
13) bis(2-Chloroethoxy) methan	12.94	93	4769892	16.17	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2895346	15.47	ug/L	99
15) Napthalene	13.49	128	11880965	17.36	ug/L	98
16) Hexachlorobutadiene	13.93	225	1196806	13.65	ug/L	98
18) 2-Chloronaphthalene	16.93	162	6520155	18.36	ug/L	99
19) Dimethylphthalate	18.01	163	7388235	16.23	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	1168907	16.33	ug/L	94
21) Acenapthylene	18.13	152	9935027	15.13	ug/L	98
22) Acenapthalene	18.66	153	6708281	17.71	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	1461863	14.44	ug/L	93
24) Diethylphthalate	20.14	149	7208459	18.21	ug/L	97
25) 4-Chlorophenyl-phenylether	20.33	204	3563748	17.03	ug/L	98
26) Fluorene	20.20	166	7941583	18.33	ug/L	98
28) Azobenzene	20.78	77	8069498	15.45	ug/L	93
30) Nnitrosodiphenylamine	20.69	169	4201652	16.98	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1791984	17.99	ug/L	99
32) Hexachlorobenzene	21.79	284	1803294	18.91	ug/L	100
33) Phenanthrene	23.02	178	10794127	17.75	ug/L	97
34) Anthracene	23.17	178	9681152	15.56	ug/L	97
35) Di-n-butylphthalate	25.09	149	10864973	16.26	ug/L	100

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

Data File : C:\MSDCHEM\1\DATA\051602\510REF1.D Vial: 4
Acq On : 16 May 2002 4:59 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:09:11 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

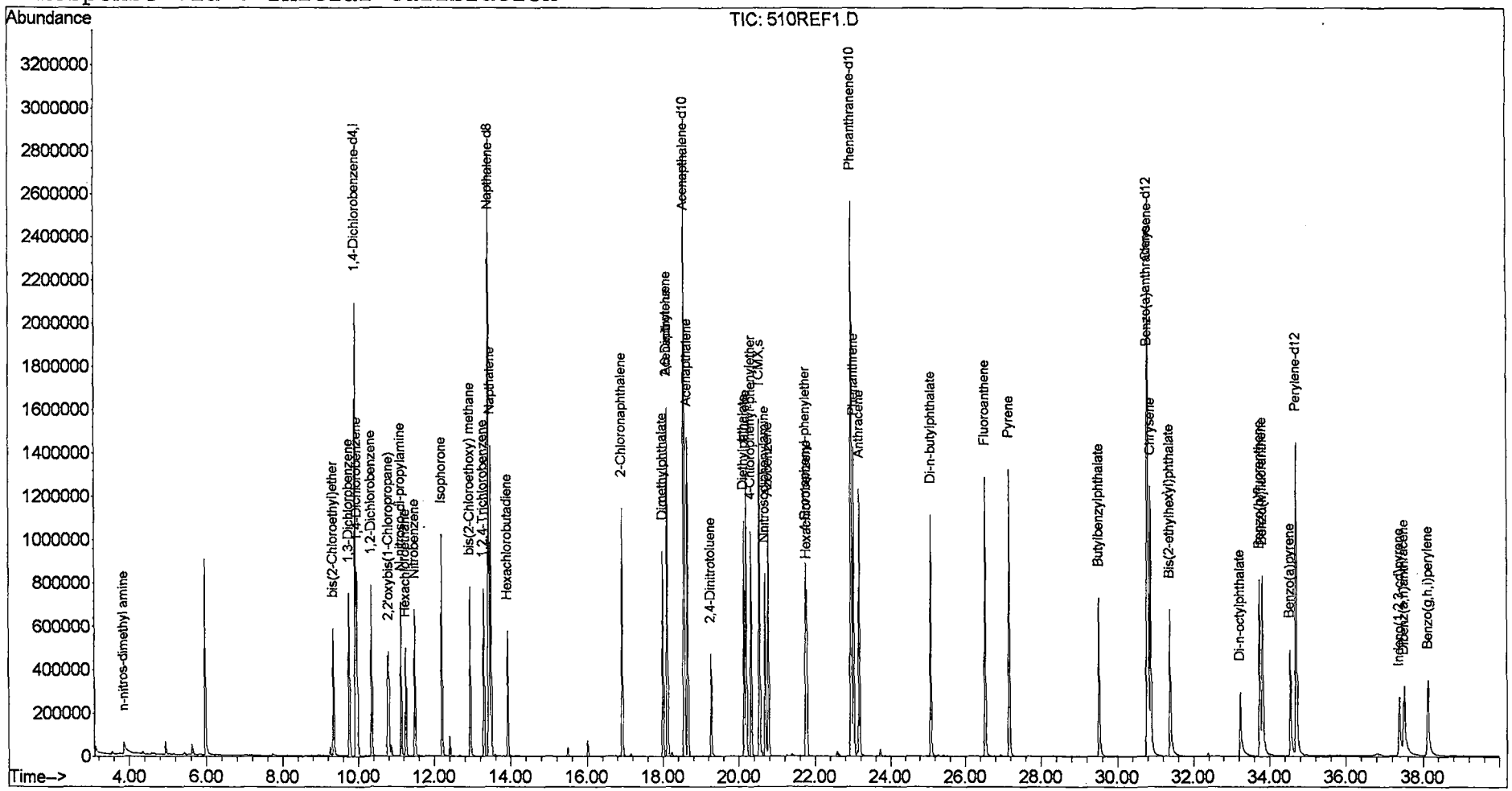
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) Fluoroanthene	26.54	202	10598492	16.99	ug/L	99
38) Pyrene	27.17	202	11029809	18.17	ug/L	96
39) Butylbenzylphthalate	29.52	149	3487473	12.90	ug/L	97
40) Benzo(a)anthracene	30.79	228	7568090	15.66	ug/L	98
41) Bis(2-ethylhexyl)phthalate	31.38	149	4380956	11.99	ug/L	97
42) Chrysene	30.88	228	8723951m	17.44	ug/L	
44) Di-n-octylphthalate	33.23	149	4486154	10.27	ug/L	99
45) Benzo(b)fluoranthene	33.75	252	6369045	17.78	ug/L	98
46) Benzo(k)fluoranthene	33.82	252	7900743	17.55	ug/L	98
47) Benzo(a)pyrene	34.55	252	3824955	10.70	ug/L	99
48) Indeno(1,2,3-cd)pyrene	37.38	276	2951549	11.77	ug/L	98
49) Dibenz(a,h)anthracene	37.51	278	3913573	14.68	ug/L	98
50) Benzo(g,h,i)perylene	38.13	276	4395274	15.70	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051602\510REF1.D Vial: 4
Acq On : 16 May 2002 4:59 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:09 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration



Quantitation Report (QA Reviewed)

Data File : C:\MSDCHEM\1\DATA\051602\510REF2.D Vial: 5
Acq On : 16 May 2002 5:48 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:10:14 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	4958550	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	19959362	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10755978	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	15322091	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11000338	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7183540	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2386303	36.54	ug/L	0.00
Spiked Amount 40.000			Recovery = 91.35%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.87	74	726288	7.15	ug/L #	73
3) bis(2-Chloroethyl)ether	9.35	93	2865473	14.77	ug/L	88
4) 1,3-Dichlorobenzene	9.76	146	2661389	13.47	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	2775465	13.67	ug/L	98
6) 1,2-Dichlorobenzene	10.35	146	2724476	15.09	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	4616167m	15.44	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2006446	14.59	ug/L	96
9) Hexachloroethane	11.26	117	836510	11.17	ug/L	90
11) Nitrobenzene	11.49	77	2740533	14.19	ug/L	93
12) Isophorone	12.20	82	5924579	17.03	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	3560985	15.45	ug/L	97
14) 1,2,4-Trichlorobenzene	13.30	180	2157388	14.75	ug/L	98
15) Napthalene	13.49	128	8871224	16.59	ug/L	99
16) Hexachlorobutadiene	13.93	225	903036	13.18	ug/L	99
18) 2-Chloronaphthalene	16.93	162	4872850	17.76	ug/L	98
19) Dimethylphthalate	18.00	163	5618117	15.98	ug/L	99
20) 2,6-Dinitrotoluene	18.11	165	845276	15.29	ug/L	96
21) Acenapthylene	18.13	152	7525407	14.84	ug/L	97
22) Acenapthalene	18.66	153	5055761	17.28	ug/L	96
23) 2,4-Dinitrotoluene	19.27	165	998609	12.77	ug/L	94
24) Diethylphthalate	20.14	149	5449493	17.83	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	2722684	16.85	ug/L	98
26) Fluorene	20.20	166	5973601	17.86	ug/L	98
28) Azobenzene	20.78	77	6040397	14.97	ug/L #	92
30) Nnitrosodiphenylamine	20.69	169	2908878	15.47	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1349031	17.82	ug/L	100
32) Hexachlorobenzene	21.79	284	1361281	18.79	ug/L	98
33) Phenanthrene	23.02	178	8060511	17.44	ug/L	97
34) Anthracene	23.17	178	7136316	15.09	ug/L	97
35) Di-n-butylphthalate	25.09	149	7958209	15.68	ug/L	100

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

Data File : C:\MSDCHEM\1\DATA\051602\510REF2.D Vial: 5
Acq On : 16 May 2002 5:48 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:10:14 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.54	202	7721157	16.29	ug/L		99
38)	Pyrene	27.17	202	8096667	17.93	ug/L		97
39)	Butylbenzylphthalate	29.52	149	2341005	11.63	ug/L	#	96
40)	Benzo(a)anthracene	30.78	228	5337819	14.84	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.38	149	2865587	10.54	ug/L		96
42)	Chrysene	30.87	228	6414718m	17.23	ug/L		
44)	Di-n-octylphthalate	33.23	149	2710835	8.55	ug/L		99
45)	Benzo(b)fluoranthene	33.74	252	4391716	16.89	ug/L		97
46)	Benzo(k)fluoranthene	33.82	252	5713593	17.48	ug/L		99
47)	Benzo(a)pyrene	34.55	252	2372665	9.14	ug/L		98
48)	Indeno(1,2,3-cd)pyrene	37.38	276	1903624	10.46	ug/L		99
49)	Dibenz(a,h)anthracene	37.50	278	2655333	13.72	ug/L		99
50)	Benzo(g,h,i)perylene	38.12	276	3077398	15.14	ug/L		100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051602\510REF2.D Vial: 5
Acq On : 16 May 2002 5:48 pm Operator: Mclean
Sample : 5/10 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 17 15:10 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration