User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 14:26:44

Sample: AE10198
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/9/02 14:10 Ended: 5/9/02 14:10 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.71		2.0
2	bis(2-Chloroethyl)ether		14.98		2.0
3	1,3-Dichlorobenzene		12.98		2.0
4	1,4-Dichlorobenzene		13.21		2.0
5	1,2-Dichlorobenzene		14.52		2.0
6	2,2-oxybis(1-Chloropropane)		15.56		2.0
7	n-Nitrosodi-n-propylamine		14.89		2.0
8	Hexachloroethane		10.44		2.0
9	Nitrobenzene		14.87		2.0
10	Isophorone		17.80		2.0
11	bis(2-Chloroethoxy)methane		15.62		2.0
12	1,2,4-Trichlorobenzene		14.54		2.0
13	Naphthalene		16.42		2.0
14	Hexachlorobutadiene		12.06		2.0
15	2-Chloronaphthalene		17.61		2.0
16	Dimethylphthalate		15.96		2.0
17	2,6-Dinitrotoluene		15.95		2.0
18	Acenaphthylene		14.65		2.0
19	Acenaphthene		16.98		2.0
20	2,4-Dinitrotoluene		13.64		2.0
21	Diethylphthalate		18.27		2.0
22	4-Chlorophenylphenylether		16.47		2.0
23	Fluorene		17.71		2.0
24	Azobenzene		15.36		2.0
25	n-Nitrosodiphenylamine		12.90		2.0
26	4-Bromophenylphenylether		17.42		2.0
27	Hexachlorobenzene		17.93		2.0
28	Phenanthrene		17.17		2.0
29	Anthracene		15.17		2.0
30	Di-n-butylphthalate		17.48		2.0
31	Fluoranthene		16.97		2.0
32	Pyrene		17.93		2.0
33	Butylbenzylphthalate		14.25		2.0
34	Benzo(a)anthracene		15.14		2.0
35	bis(2-Ethylhexyl)phthalate		15.77		2.0
36	Chrysene		16.83		2.0
37	Di-n-octylphthalate		10.70		2.0
38	Benzo(b)fluoranthene		15.96		2.0
39	Benzo(k)fluoranthene		17.75		2.0
40	Benzo(a)pyrene		10.75		2.0
41	Indeno(1,2,3-cd)pyrene		9.71		2.0
42	Dibenz(a,h)anthracene		12.85		2.0
43	Benzo(g,h,i)perylene		14.96		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 14:26:40

Sample: AE10198
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/9/02 14:10 Ended: 5/9/02 14:10 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		44		2.0
2	bis(2-Chloroethyl)ether		75		2.0
3	1,3-Dichlorobenzene		65		2.0
4	1,4-Dichlorobenzene		66		2.0
5	1,2-Dichlorobenzene		73		2.0
6	2,2-oxybis(1-Chloropropane)		78		2.0
7	n-Nitrosodi-n-propylamine		74		2.0
8	Hexachloroethane		52		2.0
9	Nitrobenzene		74		2.0
10	Isophorone		89		2.0
11	bis(2-Chloroethoxy)methane		78		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		82		2.0
14	Hexachlorobutadiene		60		2.0
15	2-Chloronaphthalene		88		2.0
16	Dimethylphthalate		80		2.0
17	2,6-Dinitrotoluene		80		2.0
18	Acenaphthylene		73		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		68		2.0
21	Diethylphthalate		91		2.0
22	4-Chlorophenylphenylether		82		2.0
23	Fluorene		89		2.0
24	Azobenzene		77		2.0
25	n-Nitrosodiphenylamine		64		2.0
26	4-Bromophenylphenylether		87		2.0
27	Hexachlorobenzene		90		2.0
28	Phenanthrene		86		2.0
29	Anthracene		76		2.0
30	Di-n-butylphthalate		87		2.0
31	Fluoranthene		85		2.0
32	Pyrene		90		2.0
33	Butylbenzylphthalate		71		2.0
34	Benzo(a)anthracene		76		2.0
35	bis(2-Ethylhexyl)phthalate		79		2.0
36	Chrysene		84		2.0
37					
38	Benzo(b)fluoranthene		80		2.0
39	Benzo(k)fluoranthene		89		2.0
40	Benzo(a)pyrene		54		2.0
41	Indeno(1,2,3-cd)pyrene		49		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\050802\430REFB.D Vial: 14
Acq On : 9 May 2002 2:00 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:31:47 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 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	6448223	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	26048237	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	14303894	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	21044713	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	15747800	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	10692582	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	798119	7.47	ug/L	0.00
Spiked Amount 10.000			Recovery = 74.70%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	1151133	8.71	ug/L #	84
3) bis(2-Chloroethyl)ether	9.35	93	3780055	14.98	ug/L	87
4) 1,3-Dichlorobenzene	9.77	146	3333736	12.98	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	3487461	13.21	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	3408577	14.52	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	6052127m	15.56	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2662930	14.89	ug/L	95
9) Hexachloroethane	11.26	117	1016465	10.44	ug/L	95
11) Nitrobenzene	11.49	77	3748106	14.87	ug/L	96
12) Isophorone	12.20	82	8078526	17.80	ug/L	98
13) bis(2-Chloroethoxy) methan	12.94	93	4698638	15.62	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2774298	14.54	ug/L	96
15) Napthalene	13.49	128	11459410	16.42	ug/L	98
16) Hexachlorobutadiene	13.93	225	1078379	12.06	ug/L	99
18) 2-Chloronaphthalene	16.93	162	6422827	17.61	ug/L	98
19) Dimethylphthalate	18.01	163	7460858	15.96	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	1172525	15.95	ug/L	91
21) Acenapthylene	18.13	152	9885056	14.65	ug/L	96
22) Acenapthalene	18.66	153	6604049	16.98	ug/L	98
23) 2,4-Dinitrotoluene	19.27	165	1418391	13.64	ug/L	99
24) Diethylphthalate	20.14	149	7427490	18.27	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	3539100	16.47	ug/L	99
26) Fluorene	20.20	166	7880869	17.71	ug/L	98
28) Azobenzene	20.78	77	8243136	15.36	ug/L	93
30) Nnitrosodiphenylamine	20.69	169	3331302	12.90	ug/L	95
31) 4-Bromophenyl-phenylether	21.76	248	1810396	17.42	ug/L	99
32) Hexachlorobenzene	21.79	284	1783806	17.93	ug/L	96
33) Phenanthrene	23.02	178	10899146	17.17	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\430REFB.D Vial: 14
Acq On : 9 May 2002 2:00 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:31:47 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

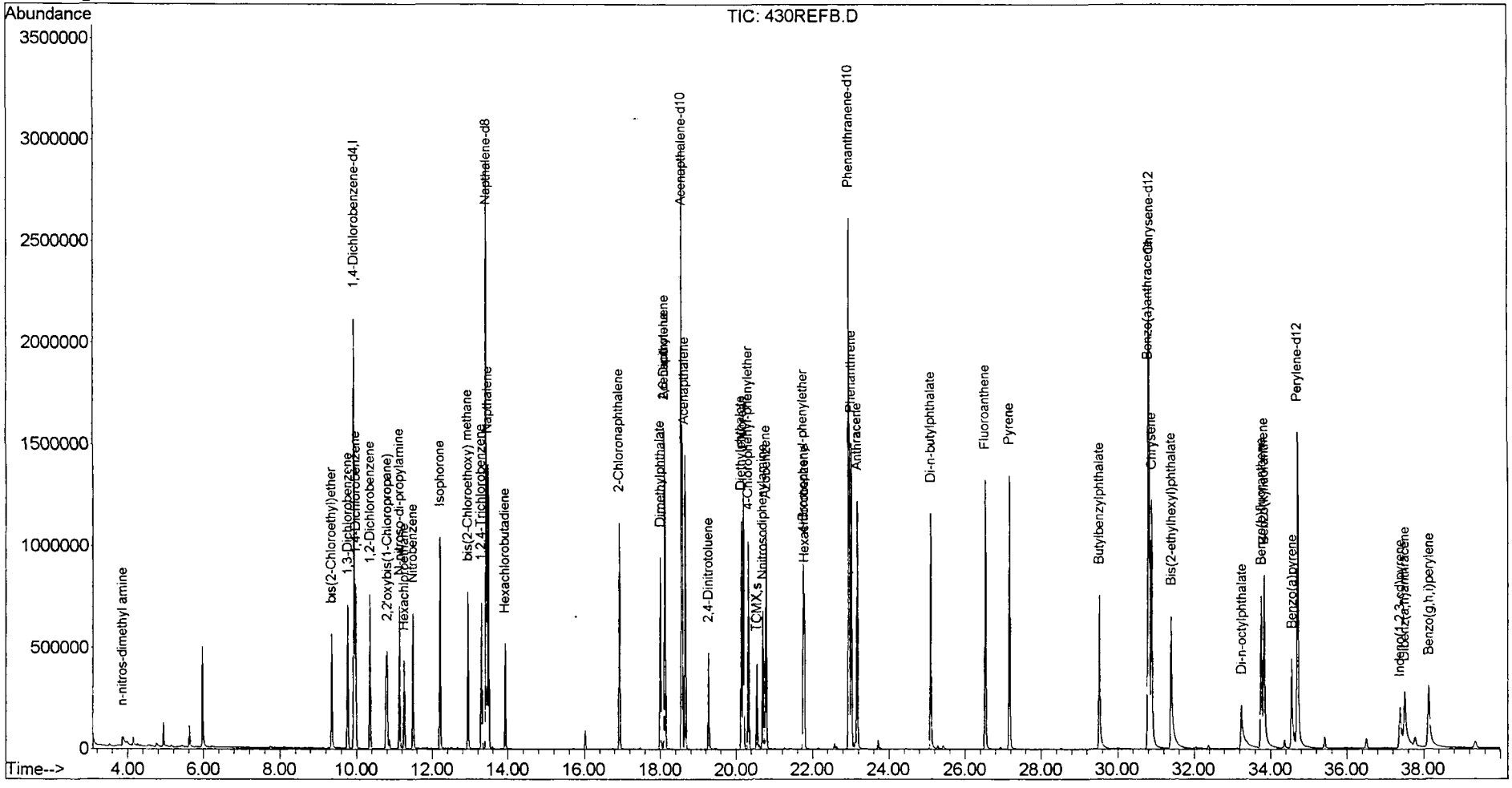
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.17	178	9849839	15.17	ug/L	97
35)	Di-n-butylphthalate	25.09	149	12184146	17.48	ug/L	100
36)	Fluoroanthene	26.54	202	11043863	16.97	ug/L	99
38)	Pyrene	27.17	202	11591228	17.93	ug/L	97
39)	Butylbenzylphthalate	29.52	149	4105835	14.25	ug/L	92
40)	Benzo(a)anthracene	30.79	228	7795275	15.14	ug/L	97
41)	Bis(2-ethylhexyl)phthalate	31.39	149	6141296	15.77	ug/L	97
42)	Chrysene	30.88	228	8969870m	16.83	ug/L	
44)	Di-n-octylphthalate	33.24	149	5048266	10.70	ug/L	98
45)	Benzo(b)fluoranthene	33.75	252	6179529	15.96	ug/L	97
46)	Benzo(k)fluoranthene	33.82	252	8632962	17.75	ug/L	99
47)	Benzo(a)pyrene	34.55	252	4154842m	10.75	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2631115	9.71	ug/L	99
49)	Dibenz(a,h)anthracene	37.51	278	3702542	12.85	ug/L	100
51)	Benzo(g,h,i)perylene	38.13	276	4526429	14.96	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\430REFB.D Vial: 14
Acq On : 9 May 2002 2:00 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 13:32 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\430REFA.D Vial: 13
Acq On : 9 May 2002 1:11 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:30:24 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 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	4569618	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	18339722	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	9874914	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	14032202	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	10041968	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	6080754	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	388786	5.27	ug/L	0.00
Spiked Amount 10.000			Recovery = 52.70%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.91	74	404281	4.32	ug/L #	73
3) bis(2-Chloroethyl)ether	9.35	93	1995988	11.16	ug/L	88
4) 1,3-Dichlorobenzene	9.76	146	1767497	9.71	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	1867109	9.98	ug/L	96
6) 1,2-Dichlorobenzene	10.35	146	1812683	10.89	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	3238905m	11.75	ug/L	
8) N-nitroso-di-propylamine	11.13	70	1362960	10.75	ug/L	97
9) Hexachloroethane	11.26	117	508800	7.37	ug/L	94
11) Nitrobenzene	11.49	77	1847426	10.41	ug/L	95
12) Isophorone	12.20	82	4208576	13.17	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	2479852	11.71	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	1429988	10.64	ug/L	97
15) Napthalene	13.48	128	6182890	12.58	ug/L	98
16) Hexachlorobutadiene	13.93	225	565550	8.98	ug/L	96
18) 2-Chloronaphthalene	16.93	162	3340689	13.26	ug/L	98
19) Dimethylphthalate	18.00	163	3840437	11.90	ug/L	99
20) 2,6-Dinitrotoluene	18.11	165	472027	9.30	ug/L #	90
21) Acenapthylene	18.12	152	5248299	11.27	ug/L	98
22) Acenapthalene	18.66	153	3505022	13.05	ug/L	98
23) 2,4-Dinitrotoluene	19.27	165	524838	7.31	ug/L	91
24) Diethylphthalate	20.14	149	3790337	13.51	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	1826910	12.31	ug/L	99
26) Fluorene	20.20	166	4090092	13.32	ug/L	100
28) Azobenzene	20.78	77	4204140	11.35	ug/L	93
30) Nnitrosodiphenylamine	20.69	169	1813777	10.53	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	925787	13.36	ug/L	98
32) Hexachlorobenzene	21.79	284	942983	14.21	ug/L	98
33) Phenanthrene	23.01	178	5633637	13.31	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\430REFA.D Vial: 13
Acq On : 9 May 2002 1:11 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:30:24 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.16	178	4888090	11.29	ug/L	98
35)	Di-n-butylphthalate	25.09	149	5688137	12.24	ug/L	100
36)	Fluoroanthene	26.53	202	5365355	12.36	ug/L	98
38)	Pyrene	27.17	202	5613828	13.62	ug/L	97
39)	Butylbenzylphthalate	29.52	149	1441483	7.85	ug/L	98
40)	Benzo(a)anthracene	30.79	228	3488145	10.63	ug/L	96
41)	Bis(2-ethylhexyl)phthalate	31.39	149	2089375	8.42	ug/L	96
42)	Chrysene	30.87	228	4584937m	13.49	ug/L	
44)	Di-n-octylphthalate	33.23	149	968130	3.61	ug/L	98
45)	Benzo(b)fluoranthene	33.75	252	2190015	9.95	ug/L	95
46)	Benzo(k)fluoranthene	33.82	252	3787928	13.69	ug/L	99
47)	Benzo(a)pyrene	34.54	252	1396899m	6.36	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.38	276	514496	3.34	ug/L	98
49)	Dibenz(a,h)anthracene	37.50	278	998647m	6.10	ug/L	
51)	Benzo(g,h,i)perylene	38.12	276	1512607m	8.79	ug/L	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\430REFA.D Vial: 13
Acq On : 9 May 2002 1:11 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 13:30 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration