User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/13/2002 Time: 14:18:54

Sample: AE09331
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/13/02 14:11 Ended: 5/13/02 14:11 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.33		2.0
2	bis(2-Chloroethyl)ether		13.85		2.0
3	1,3-Dichlorobenzene		12.64		2.0
4	1,4-Dichlorobenzene		12.82		2.0
5	1,2-Dichlorobenzene		14.03		2.0
6	2,2-oxybis(1-Chloropropane)		14.59		2.0
7	n-Nitrosodi-n-propylamine		14.07		2.0
8	Hexachloroethane		10.75		2.0
9	Nitrobenzene		13.57		2.0
10	Isophorone		16.45		2.0
11	bis(2-Chloroethoxy)methane		14.43		2.0
12	1,2,4-Trichlorobenzene		13.93		2.0
13	Naphthalene		15.56		2.0
14	Hexachlorobutadiene		13.50		2.0
15	2-Chloronaphthalene		16.70		2.0
16	Dimethylphthalate		14.90		2.0
17	2,6-Dinitrotoluene		13.32		2.0
18	Acenaphthylene		13.93		2.0
19	Acenaphthene		15.83		2.0
20	2,4-Dinitrotoluene		11.07		2.0
21	Diethylphthalate		16.89		2.0
22	4-Chlorophenylphenylether		15.34		2.0
23	Fluorene		16.41		2.0
24	Azobenzene		14.44		2.0
25	n-Nitrosodiphenylamine		15.24		2.0
26	4-Bromophenylphenylether		16.40		2.0
27	Hexachlorobenzene		16.85		2.0
28	Phenanthrene		15.87		2.0
29	Anthracene		14.35		2.0
30	Di-n-butylphthalate		15.42		2.0
31	Fluoranthene		15.05		2.0
32	Pyrene		17.04		2.0
33	Butylbenzylphthalate		11.65		2.0
34	Benzo(a)anthracene		13.61		2.0
35	bis(2-Ethylhexyl)phthalate		9.92		2.0
36	Chrysene		15.84		2.0
37	Di-n-octylphthalate		7.80		2.0
38	Benzo(b)fluoranthene		14.13		2.0
39	Benzo(k)fluoranthene		17.68		2.0
40	Benzo(a)pyrene		9.14		2.0
41	Indeno(1,2,3-cd)pyrene		6.46		2.0
42	Dibenz(a,h)anthracene		10.14		2.0
43	Benzo(g,h,i)perylene		12.15		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/13/2002 Time: 14:18:41

Sample: AE09331
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/13/02 14:11 Ended: 5/13/02 14:11 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		37		2.0
2	bis(2-Chloroethyl)ether		69		2.0
3	1,3-Dichlorobenzene		63		2.0
4	1,4-Dichlorobenzene		64		2.0
5	1,2-Dichlorobenzene		70		2.0
6	2,2-oxybis(1-Chloropropane)		73		2.0
7	n-Nitrosodi-n-propylamine		70		2.0
8	Hexachloroethane		54		2.0
9	Nitrobenzene		68		2.0
10	Isophorone		82		2.0
11	bis(2-Chloroethoxy)methane		72		2.0
12	1,2,4-Trichlorobenzene		70		2.0
13	Naphthalene		78		2.0
14	Hexachlorobutadiene		68		2.0
15	2-Chloronaphthalene		84		2.0
16	Dimethylphthalate		74		2.0
17	2,6-Dinitrotoluene		67		2.0
18	Acenaphthylene		70		2.0
19	Acenaphthene		79		2.0
20	2,4-Dinitrotoluene		55		2.0
21	Diethylphthalate		84		2.0
22	4-Chlorophenylphenylether		77		2.0
23	Fluorene		82		2.0
24	Azobenzene		72		2.0
25	n-Nitrosodiphenylamine		76		2.0
26	4-Bromophenylphenylether		82		2.0
27	Hexachlorobenzene		84		2.0
28	Phenanthrene		79		2.0
29	Anthracene		72		2.0
30	Di-n-butylphthalate		77		2.0
31	Fluoranthene		75		2.0
32	Pyrene		85		2.0
33	[illegible]				
34	Benzo(a)anthracene		68		2.0
35	[illegible]				
36	Chrysene		79		2.0
37	[illegible]				
38	Benzo(b)fluoranthene		71		2.0
39	Benzo(k)fluoranthene		88		2.0
40	Benzo(a)pyrene		46		2.0
41	[illegible]				
42	Dibenz(a,h)anthracene		51		2.0
43	Benzo(g,h,i)perylene		61		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF1.D Vial: 16
Acq On : 10 May 2002 4:20 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 09:48:20 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 09:45:43 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	5970225	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	23941807	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12970032	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18840415	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	13210345	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7958409	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2502227	31.78	ug/L	0.00
Spiked Amount 40.000			Recovery = 79.45%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	896700	7.33	ug/L #	73
3) bis(2-Chloroethyl)ether	9.35	93	3235772	13.85	ug/L	88
4) 1,3-Dichlorobenzene	9.76	146	3005847	12.64	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	3133853	12.82	ug/L	99
6) 1,2-Dichlorobenzene	10.35	146	3049547	14.03	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	5252499m	14.59	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2330702	14.07	ug/L	96
9) Hexachloroethane	11.26	117	969385	10.75	ug/L	90
11) Nitrobenzene	11.49	77	3141700	13.57	ug/L	96
12) Isophorone	12.20	82	6862127	16.45	ug/L	98
13) bis(2-Chloroethoxy) methan	12.94	93	3988252	14.43	ug/L	100
14) 1,2,4-Trichlorobenzene	13.30	180	2444025	13.93	ug/L	98
15) Napthalene	13.49	128	9982662	15.56	ug/L	98
16) Hexachlorobutadiene	13.93	225	1109102	13.50	ug/L	96
18) 2-Chloronaphthalene	16.93	162	5522543	16.70	ug/L	98
19) Dimethylphthalate	18.00	163	6315372	14.90	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	887660	13.32	ug/L #	88
21) Acenapthylene	18.13	152	8519186	13.93	ug/L	97
22) Acenapthalene	18.66	153	5584322	15.83	ug/L	97
23) 2,4-Dinitrotoluene	19.27	165	1043704	11.07	ug/L	93
24) Diethylphthalate	20.14	149	6224929	16.89	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2988308	15.34	ug/L	99
26) Fluorene	20.20	166	6618293	16.41	ug/L	99
28) Azobenzene	20.78	77	7024757	14.44	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	3523138	15.24	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1526507	16.40	ug/L	97
32) Hexachlorobenzene	21.79	284	1501422	16.85	ug/L	99
33) Phenanthrene	23.02	178	9021704	15.87	ug/L	97
34) Anthracene	23.17	178	8342742	14.35	ug/L	97
35) Di-n-butylphthalate	25.09	149	9626856	15.42	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF1.D Vial: 16
Acq On : 10 May 2002 4:20 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 09:48:20 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 09:45:43 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

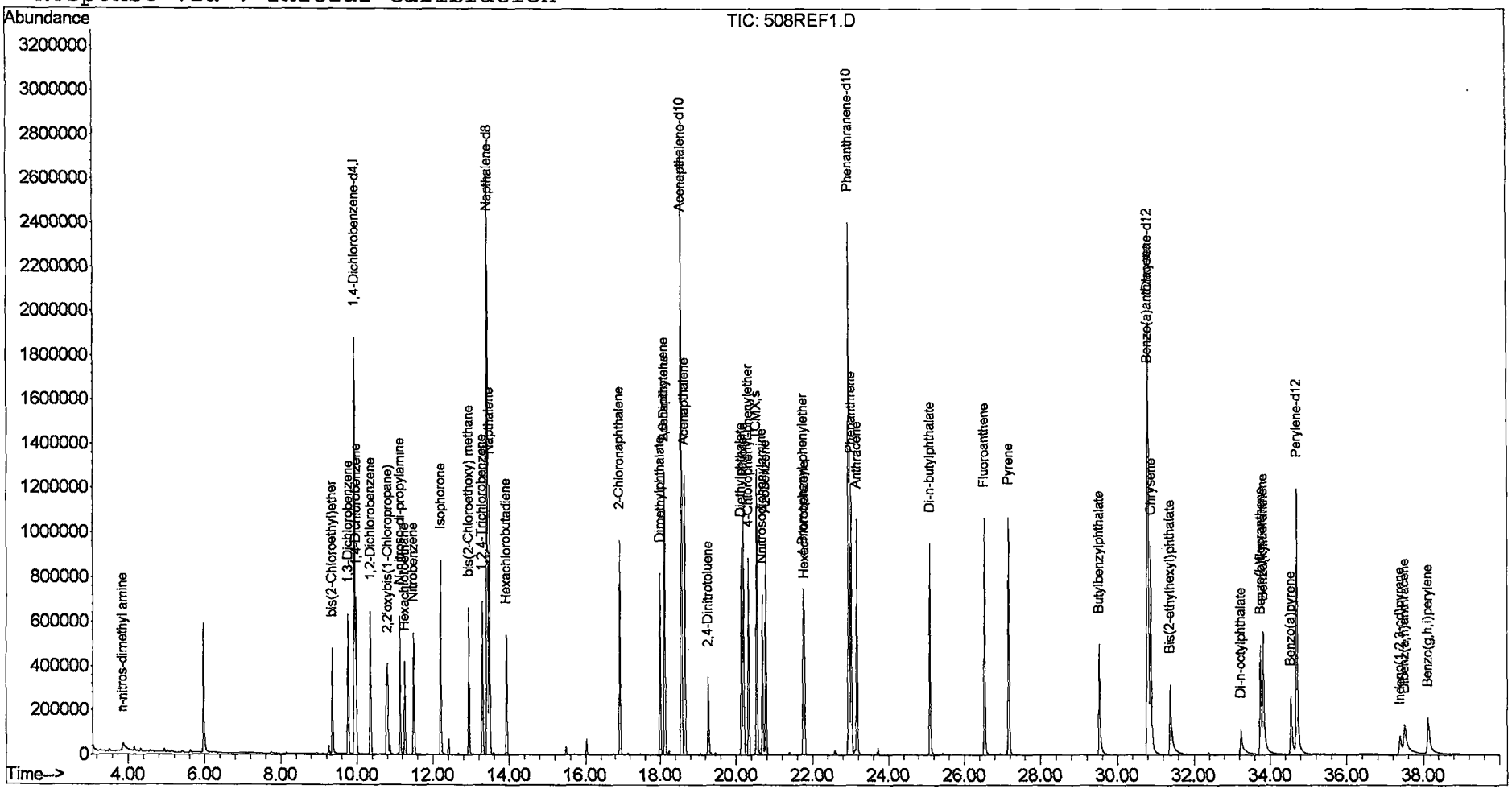
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.54	202	8769645	15.05	ug/L	99
38)	Pyrene	27.17	202	9243767	17.04	ug/L	99
39)	Butylbenzylphthalate	29.52	149	2815490	11.65	ug/L	97
40)	Benzo(a)anthracene	30.78	228	5876232	13.61	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3240988	9.92	ug/L	96
42)	Chrysene	30.88	228	7080730m	15.84	ug/L	
44)	Di-n-octylphthalate	33.23	149	2740423	7.80	ug/L	98
45)	Benzo(b)fluoranthene	33.75	252	4071107	14.13	ug/L	96
46)	Benzo(k)fluoranthene	33.82	252	6402309	17.68	ug/L	99
47)	Benzo(a)pyrene	34.55	252	2627437m	9.14	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.38	276	1187025	5.89	ug/L	97
49)	Dibenz(a,h)anthracene	37.50	278	2173711m	10.14	ug/L	
50)	Benzo(g,h,i)perylene	38.12	276	2736031	12.15	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF1.D Vial: 16
Acq On : 10 May 2002 4:20 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 9:48 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 09:45:43 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF2.D Vial: 17
Acq On : 10 May 2002 5:09 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 09:49:12 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 09:45:43 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	6256872	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	25126423	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13693363	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	19777597	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	13863278	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8803336	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2514558	30.25	ug/L	0.00
Spiked Amount 40.000			Recovery = 75.63%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.87	74	859362	6.70	ug/L #	80
3) bis(2-Chloroethyl)ether	9.35	93	3152174	12.88	ug/L	87
4) 1,3-Dichlorobenzene	9.76	146	2943056	11.81	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	3093497	12.07	ug/L	99
6) 1,2-Dichlorobenzene	10.35	146	2993682	13.14	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.81	45	5067860m	13.43	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2279499	13.13	ug/L	97
9) Hexachloroethane	11.26	117	974290	10.31	ug/L	94
11) Nitrobenzene	11.49	77	3105016	12.77	ug/L	94
12) Isophorone	12.20	82	6691938	15.28	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	3925962	13.53	ug/L	100
14) 1,2,4-Trichlorobenzene	13.30	180	2403748	13.06	ug/L	99
15) Napthalene	13.49	128	9719220	14.44	ug/L	98
16) Hexachlorobutadiene	13.93	225	1101671	12.77	ug/L	98
18) 2-Chloronaphthalene	16.93	162	5388496	15.43	ug/L	99
19) Dimethylphthalate	18.00	163	6232076	13.92	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	899740	12.79	ug/L #	90
21) Acenapthylene	18.13	152	8408793	13.02	ug/L	98
22) Acenapthalene	18.66	153	5626361	15.11	ug/L	98
23) 2,4-Dinitrotoluene	19.27	165	1078045	10.83	ug/L	95
24) Diethylphthalate	20.14	149	6127448	15.75	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2948063	14.33	ug/L	98
26) Fluorene	20.20	166	6596681	15.49	ug/L	97
28) Azobenzene	20.78	77	6812418	13.26	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	3468887	14.29	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1492681	15.28	ug/L	96
32) Hexachlorobenzene	21.79	284	1491889	15.95	ug/L	99
33) Phenanthrene	23.02	178	8911706	14.94	ug/L	97
34) Anthracene	23.16	178	8238792	13.50	ug/L	98
35) Di-n-butylphthalate	25.09	149	9554935	14.58	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF2.D Vial: 17
Acq On : 10 May 2002 5:09 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 09:49:12 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 09:45:43 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.54	202	8650462	14.14	ug/L	100
38)	Pyrene	27.17	202	9096128	15.98	ug/L	98
39)	Butylbenzylphthalate	29.52	149	2814289	11.10	ug/L	99
40)	Benzo(a)anthracene	30.79	228	5814039	12.83	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3254293	9.49	ug/L	99
42)	Chrysene	30.88	228	6999100m	14.92	ug/L	
44)	Di-n-octylphthalate	33.23	149	2849171	7.33	ug/L	99
45)	Benzo(b)fluoranthene	33.74	252	4174584	13.10	ug/L	97
46)	Benzo(k)fluoranthene	33.82	252	6234211	15.57	ug/L	99
47)	Benzo(a)pyrene	34.54	252	2787015m	8.76	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.38	276	1439847	6.46	ug/L	99
49)	Dibenz(a,h)anthracene	37.50	278	2278174m	9.60	ug/L	
50)	Benzo(g,h,i)perylene	38.12	276	2943192	11.82	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508REF2.D Vial: 17
Acq On : 10 May 2002 5:09 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 9:49 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 09:45:43 2002
Response via : Initial Calibration