User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 10:09:50

Sample: AE10134
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/7/02 09:20 Ended: 5/7/02 09:20 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.48		2.0
2	bis(2-Chloroethyl)ether		15.02		2.0
3	1,3-Dichlorobenzene		10.65		2.0
4	1,4-Dichlorobenzene		11.03		2.0
5	1,2-Dichlorobenzene		12.47		2.0
6	2,2-oxybis(1-Chloropropane)		15.38		2.0
7	n-Nitrosodi-n-propylamine		15.93		2.0
8	Hexachloroethane		7.41		2.0
9	Nitrobenzene		14.88		2.0
10	Isophorone		18.10		2.0
11	bis(2-Chloroethoxy)methane		15.57		2.0
12	1,2,4-Trichlorobenzene		12.39		2.0
13	Naphthalene		15.45		2.0
14	Hexachlorobutadiene		7.46		2.0
15	2-Chloronaphthalene		16.71		2.0
16	Dimethylphthalate		16.39		2.0
17	2,6-Dinitrotoluene		16.73		2.0
18	Acenaphthylene		14.75		2.0
19	Acenaphthene		16.59		2.0
20	2,4-Dinitrotoluene		15.06		2.0
21	Diethylphthalate		18.68		2.0
22	4-Chlorophenylphenylether		15.92		2.0
23	Fluorene		17.48		2.0
24	Azobenzene		15.62		2.0
25	n-Nitrosodiphenylamine		18.20		2.0
26	4-Bromophenylphenylether		16.68		2.0
27	Hexachlorobenzene		16.57		2.0
28	Phenanthrene		16.87		2.0
29	Anthracene		16.05		2.0
30	Di-n-butylphthalate		17.74		2.0
31	Fluoranthene		17.03		2.0
32	Pyrene		17.55		2.0
33	Butylbenzylphthalate		15.33		2.0
34	Benzo(a)anthracene		16.00		2.0
35	bis(2-Ethylhexyl)phthalate		18.81		2.0
36	Chrysene		17.39		2.0
37	Di-n-octylphthalate		13.84		2.0
38	Benzo(b)fluoranthene		17.29		2.0
39	Benzo(k)fluoranthene		17.58		2.0
40	Benzo(a)pyrene		14.23		2.0
41	Indeno(1,2,3-cd)pyrene		12.29		2.0
42	Dibenz(a,h)anthracene		15.11		2.0
43	Benzo(g,h,i)perylene		15.79		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 10:09:59

Sample: AE10134
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/7/02 09:20 Ended: 5/7/02 09:20 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		42		2.0
2	bis(2-Chloroethyl)ether		75		2.0
3	1,3-Dichlorobenzene		53		2.0
4	1,4-Dichlorobenzene		55		2.0
5	1,2-Dichlorobenzene		62		2.0
6	2,2-oxybis(1-Chloropropane)		77		2.0
7	n-Nitrosodi-n-propylamine		80		2.0
8	Hexachloroethane		37		2.0
9	Nitrobenzene		74		2.0
10	Isophorone		90		2.0
11	bis(2-Chloroethoxy)methane		78		2.0
12	1,2,4-Trichlorobenzene		62		2.0
13	Naphthalene		77		2.0
14	Hexachlorobutadiene		37		2.0
15	2-Chloronaphthalene		84		2.0
16	Dimethylphthalate		82		2.0
17	2,6-Dinitrotoluene		84		2.0
18	Acenaphthylene		74		2.0
19	Acenaphthene		83		2.0
20	2,4-Dinitrotoluene		75		2.0
21	Diethylphthalate		93		2.0
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		87		2.0
24	Azobenzene		78		2.0
25	n-Nitrosodiphenylamine		91		2.0
26	4-Bromophenylphenylether		83		2.0
27	Hexachlorobenzene		83		2.0
28	Phenanthrene		84		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		89		2.0
31	Fluoranthene		85		2.0
32	Pyrene		88		2.0
33	Butylbenzylphthalate		77		2.0
34	Benzo(a)anthracene		80		2.0
35	bis(2-Ethylhexyl)phthalate		94		2.0
36	Chrysene		87		2.0
37	Di-n-octylphthalate		69		2.0
38	Benzo(b)fluoranthene		86		2.0
39	Benzo(k)fluoranthene		88		2.0
40	Benzo(a)pyrene		71		2.0
41	Indeno(1,2,3-cd)pyrene		61		2.0
42	Dibenz(a,h)anthracene		76		2.0
43	Benzo(g,h,i)perylene		79		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF2.D Vial: 18
Acq On : 3 May 2002 3:10 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 12:26:25 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 06 12:20:41 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	4881383	40.00	ug/L		0.00
10) Napthalene-d8	13.44	136	19845271	40.00	ug/L		0.00
17) Acenapthalene-d10	18.58	164	10787728	40.00	ug/L		0.00
29) Phenanthranene-d10	22.96	188	16010415	40.00	ug/L		0.00
37) Chrysene-d12	30.82	240	12283311	40.00	ug/L		0.01
43) Perylene-d12	34.72	264	8910643	40.00	ug/L		0.00
System Monitoring Compounds							
27) TCMX	20.54	209	490725	6.48	ug/L		0.00
Spiked Amount 10.000			Recovery = 64.80%				
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	848505	8.48	ug/L	#	85
3) bis(2-Chloroethyl)ether	9.35	93	2868253	15.02	ug/L		89
4) 1,3-Dichlorobenzene	9.77	146	2071407	10.65	ug/L		99
5) 1,4-Dichlorobenzene	9.98	146	2205615	11.03	ug/L		100
6) 1,2-Dichlorobenzene	10.36	146	2217016	12.47	ug/l		99
7) 2,2'oxybis(1-Chloropropane	10.81	45	4527958m	15.38	ug/L		
8) N-nitroso-di-propylamine	11.14	70	2157484	15.93	ug/L		95
9) Hexachloroethane	11.26	117	546466	7.41	ug/L		97
11) Nitrobenzene	11.49	77	2857484	14.88	ug/L		96
12) Isophorone	12.21	82	6259941	18.10	ug/L		99
13) bis(2-Chloroethoxy) methan	12.95	93	3566781	15.57	ug/L		98
14) 1,2,4-Trichlorobenzene	13.30	180	1801203	12.39	ug/L		96
15) Napthalene	13.49	128	8213380	15.45	ug/L		98
16) Hexachlorobutadiene	13.93	225	508171	7.46	ug/L		97
18) 2-Chloronaphthalene	16.93	162	4596821	16.71	ug/L		98
19) Dimethylphthalate	18.01	163	5778644	16.39	ug/L		99
20) 2,6-Dinitrotoluene	18.12	165	927147	16.73	ug/L	#	90
21) Acenapthylene	18.13	152	7504788	14.75	ug/L		97
22) Acenapthalene	18.66	153	4867736	16.59	ug/L		97
23) 2,4-Dinitrotoluene	19.28	165	1181337	15.06	ug/L		96
24) Diethylphthalate	20.15	149	5726416	18.68	ug/L		99
25) 4-Chlorophenyl-phenylether	20.33	204	2580077	15.92	ug/L		99
26) Fluorene	20.20	166	5865850	17.48	ug/L		97
28) Azobenzene	20.78	77	6320134	15.62	ug/L		95
30) Nnitrosodiphenylamine	20.70	169	3575606	18.20	ug/L		93
31) 4-Bromophenyl-phenylether	21.76	248	1319182	16.68	ug/L		96
32) Hexachlorobenzene	21.80	284	1254254	16.57	ug/L		98
33) Phenanthrene	23.02	178	8149512	16.87	ug/L		96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF2.D Vial: 18
Acq On : 3 May 2002 3:10 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 12:26:25 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 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

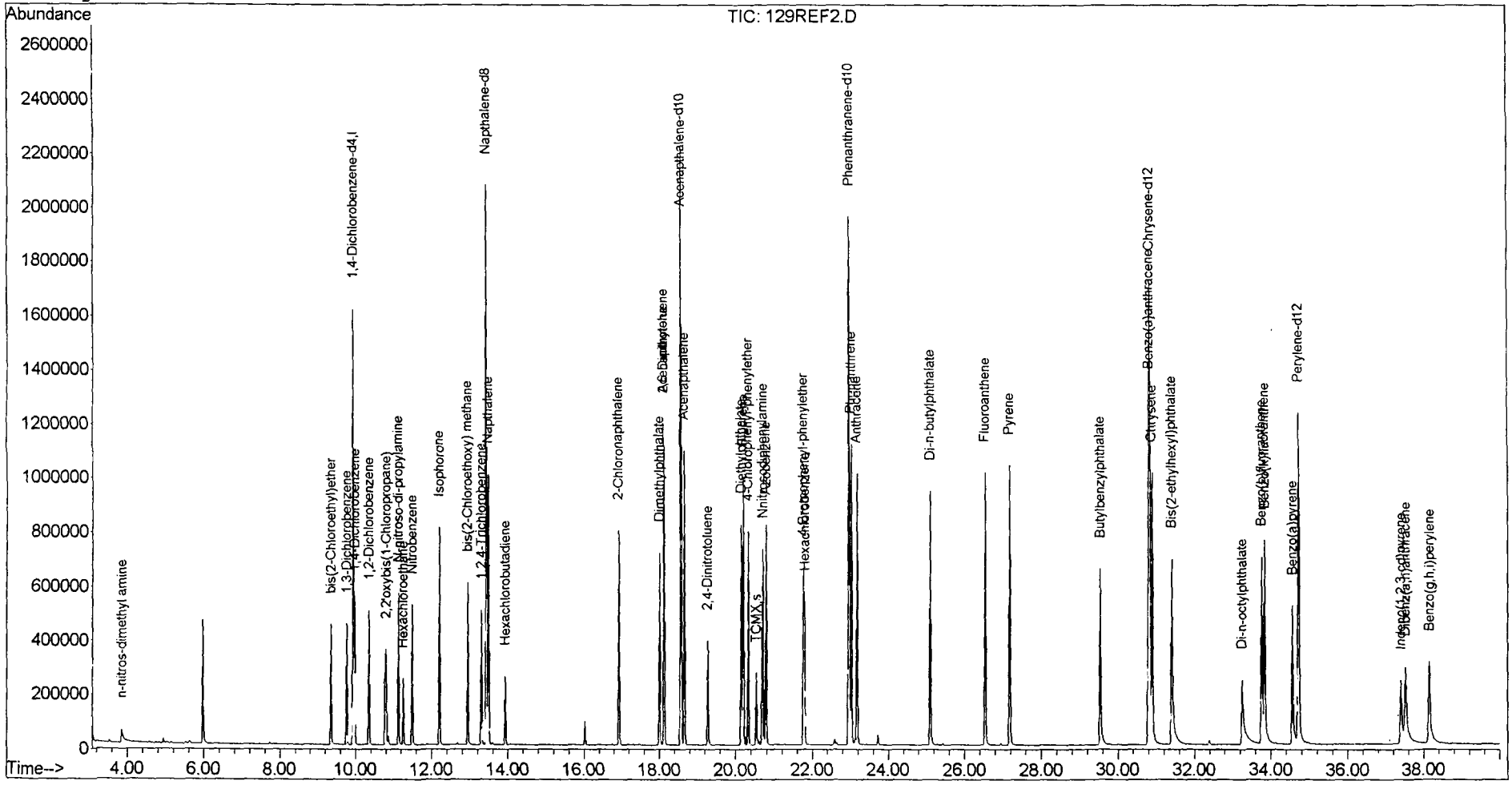
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.17	178	7928629	16.05	ug/L	98
35)	Di-n-butylphthalate	25.10	149	9411465	17.74	ug/L	100
36)	Fluoroanthene	26.54	202	8433115	17.03	ug/L	100
38)	Pyrene	27.18	202	8850164	17.55	ug/L	99
39)	Butylbenzylphthalate	29.53	149	3443702	15.33	ug/L	96
40)	Benzo(a)anthracene	30.79	228	6424267	16.00	ug/L	97
41)	Bis(2-ethylhexyl)phthalate	31.39	149	5713228	18.81	ug/L	96
42)	Chrysene	30.89	228	7231083m	17.39	ug/L	
44)	Di-n-octylphthalate	33.25	149	5443734	13.84	ug/L	99
45)	Benzo(b)fluoranthene	33.76	252	5579294	17.29	ug/L	96
46)	Benzo(k)fluoranthene	33.83	252	7127796	17.58	ug/L	97
47)	Benzo(a)pyrene	34.55	252	4582822m	14.23	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.40	276	2773510	12.29	ug/L	97
49)	Dibenz(a,h)anthracene	37.52	278	3627720	15.11	ug/L	97
51)	Benzo(g,h,i)perylene	38.14	276	3979994	15.79	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF2.D Vial: 18
Acq On : 3 May 2002 3:10 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 9:33 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 06 12:20:04 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF1.D Vial: 17
Acq On : 3 May 2002 2:21 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 12:25:59 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 06 12:20:41 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	4259276	40.00	ug/L	0.00
10) Napthalene-d8	13.44	136	17235361	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	9465272	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	14207962	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	11087466	40.00	ug/L	0.01
43) Perylene-d12	34.71	264	7820230	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	411597	6.19	ug/L	0.00
Spiked Amount 10.000			Recovery = 61.90%			
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	656813	7.53	ug/L #	81
3) bis(2-Chloroethyl)ether	9.35	93	2402804	14.42	ug/L	88
4) 1,3-Dichlorobenzene	9.77	146	1557480	9.18	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	1700354	9.75	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	1752931	11.30	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	1898853	7.39	ug/L	97
8) N-nitroso-di-propylamine	11.14	70	1812805	15.34	ug/L	96
9) Hexachloroethane	11.26	117	369319	5.74	ug/L	91
11) Nitrobenzene	11.49	77	2362980	14.17	ug/L	95
12) Isophorone	12.21	82	5333663	17.76	ug/L	100
13) bis(2-Chloroethoxy) methan	12.95	93	3033972	15.25	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	1460162	11.56	ug/L	100
15) Napthalene	13.49	128	6878317	14.90	ug/L	98
16) Hexachlorobutadiene	13.93	225	330738	5.59	ug/L	98
18) 2-Chloronaphthalene	16.93	162	3879532	16.07	ug/L	98
19) Dimethylphthalate	18.01	163	5094076	16.46	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	773115	15.90	ug/L #	90
21) Acenapthylene	18.13	152	6512638	14.59	ug/L	97
22) Acenapthalene	18.66	153	4220440	16.40	ug/L	98
23) 2,4-Dinitrotoluene	19.28	165	980301	14.24	ug/L	95
24) Diethylphthalate	20.15	149	5101705	18.97	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2236526	15.73	ug/L	99
26) Fluorene	20.20	166	5135048	17.44	ug/L	98
28) Azobenzene	20.78	77	5589973	15.74	ug/L	95
30) Nnitrosodiphenylamine	20.70	169	3235578	18.56	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1149871	16.38	ug/L	96
32) Hexachlorobenzene	21.79	284	1102177	16.41	ug/L	99
33) Phenanthrene	23.02	178	7269836	16.96	ug/L	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF1.D Vial: 17
Acq On : 3 May 2002 2:21 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 12:25:59 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 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
34)	Anthracene	23.17	178	7054031	16.09	ug/L		97
35)	Di-n-butylphthalate	25.10	149	8320814	17.68	ug/L		100
36)	Fluoroanthene	26.54	202	7562013	17.21	ug/L		99
38)	Pyrene	27.18	202	8038610	17.66	ug/L		98
39)	Butylbenzylphthalate	29.53	149	3012108	14.85	ug/L	#	96
40)	Benzo(a)anthracene	30.79	228	5863118	16.18	ug/L		99
41)	Bis(2-ethylhexyl)phthalate	31.40	149	5365774	19.57	ug/L		95
42)	Chrysene	30.89	228	5387467	14.36	ug/L		98
44)	Di-n-octylphthalate	33.25	149	4654503	13.48	ug/L		99
45)	Benzo(b)fluoranthene	33.75	252	5005993	17.68	ug/L		98
46)	Benzo(k)fluoranthene	33.83	252	6580688	18.50	ug/L		99
47)	Benzo(a)pyrene	34.55	252	3525472	12.48	ug/L		99
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2037894	10.29	ug/L		95
49)	Dibenz(a,h)anthracene	37.51	278	2785422	13.22	ug/L		100
51)	Benzo(g,h,i)perylene	38.14	276	3094742	13.99	ug/L		99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\129REF1.D Vial: 17
Acq On : 3 May 2002 2:21 am Operator: Mclean
Sample : 4/29 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 12:26 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 06 12:20:41 2002
Response via : Initial Calibration