User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 12:38:52

Sample: AE09329
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/7/02 12:27 Ended: 5/7/02 12:27 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		9.62		2.0
2	bis(2-Chloroethyl)ether		16.34		2.0
3	1,3-Dichlorobenzene		13.82		2.0
4	1,4-Dichlorobenzene		14.01		2.0
5	1,2-Dichlorobenzene		15.56		2.0
6	2,2-oxybis(1-Chloropropane)		16.71		2.0
7	n-Nitrosodi-n-propylamine		17.00		2.0
8	Hexachloroethane		11.71		2.0
9	Nitrobenzene		16.25		2.0
10	Isophorone		19.29		2.0
11	bis(2-Chloroethoxy)methane		16.73		2.0
12	1,2,4-Trichlorobenzene		14.69		2.0
13	Naphthalene		17.25		2.0
14	Hexachlorobutadiene		13.35		2.0
15	2-Chloronaphthalene		18.32		2.0
16	Dimethylphthalate		17.17		2.0
17	2,6-Dinitrotoluene		17.31		2.0
18	Acenaphthylene		15.78		2.0
19	Acenaphthene		17.93		2.0
20	2,4-Dinitrotoluene		15.79		2.0
21	Diethylphthalate		19.41		2.0
22	4-Chlorophenylphenylether		16.96		2.0
23	Fluorene		18.53		2.0
24	Azobenzene		16.52		2.0
25	n-Nitrosodiphenylamine		18.20		2.0
26	4-Bromophenylphenylether		17.73		2.0
27	Hexachlorobenzene		17.91		2.0
28	Phenanthrene		17.80		2.0
29	Anthracene		16.63		2.0
30	Di-n-butylphthalate		19.04		2.0
31	Fluoranthene		17.98		2.0
32	Pyrene		18.15		2.0
33	Butylbenzylphthalate		16.49		2.0
34	Benzo(a)anthracene		16.71		2.0
35	bis(2-Ethylhexyl)phthalate		16.72		2.0
36	Chrysene		18.01		2.0
37	Di-n-octylphthalate		14.60		2.0
38	Benzo(b)fluoranthene		18.36		2.0
39	Benzo(k)fluoranthene		18.25		2.0
40	Benzo(a)pyrene		14.76		2.0
41	Indeno(1,2,3-cd)pyrene		14.67		2.0
42	Dibenz(a,h)anthracene		17.67		2.0
43	Benzo(g,h,i)perylene		18.67		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 12:39:01

Sample: AE09329
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/7/02 12:27 Ended: 5/7/02 12:27 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		48		2.0
2	bis(2-Chloroethyl)ether		82		2.0
3	1,3-Dichlorobenzene		69		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		78		2.0
6	2,2-oxybis(1-Chloropropane)		84		2.0
7	n-Nitrosodi-n-propylamine		85		2.0
8	Hexachloroethane		59		2.0
9	Nitrobenzene		81		2.0
10	Isophorone		96		2.0
11	bis(2-Chloroethoxy)methane		84		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		86		2.0
14	Hexachlorobutadiene		67		2.0
15	2-Chloronaphthalene		92		2.0
16	Dimethylphthalate		86		2.0
17	2,6-Dinitrotoluene		87		2.0
18	Acenaphthylene		79		2.0
19	Acenaphthene		90		2.0
20	2,4-Dinitrotoluene		79		2.0
21	Diethylphthalate		97		2.0
22	4-Chlorophenylphenylether		85		2.0
23	Fluorene		93		2.0
24	Azobenzene		83		2.0
25	n-Nitrosodiphenylamine		91		2.0
26	4-Bromophenylphenylether		89		2.0
27	Hexachlorobenzene		90		2.0
28	Phenanthrene		89		2.0
29	Anthracene		83		2.0
30	Di-n-butylphthalate		95		2.0
31	Fluoranthene		90		2.0
32	Pyrene		91		2.0
33	Butylbenzylphthalate		82		2.0
34	Benzo(a)anthracene		84		2.0
35	bis(2-Ethylhexyl)phthalate		84		2.0
36	Chrysene		90		2.0
37	Di-n-octylphthalate		73		2.0
38	Benzo(b)fluoranthene		92		2.0
39	Benzo(k)fluoranthene		91		2.0
40	Benzo(a)pyrene		74		2.0
41	Indeno(1,2,3-cd)pyrene		73		2.0
42	Dibenz(a,h)anthracene		88		2.0
43	Benzo(g,h,i)perylene		93		2.0

Data File : C:\MSDCHEM\1\DATA\050202\0429REFB.D Vial: 8
Acq On : 2 May 2002 5:17 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 10:59:50 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 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	4965840	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	19946411	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	10727773	40.00	ug/L	0.01
29) Phenanthranene-d10	22.96	188	15891036	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12526555	40.00	ug/L	0.01
43) Perylene-d12	34.72	264	9427735	40.00	ug/L	0.01
System Monitoring Compounds						
27) TCMX	20.54	207	607683	7.18	ug/L	0.00
Spiked Amount 10.000			Recovery =	71.80%		
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.85	74	979087m	9.62	ug/L	
3) bis(2-Chloroethyl)ether	9.35	93	3174335	16.34	ug/L	88
4) 1,3-Dichlorobenzene	9.77	146	2733196	13.82	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	2848882	14.01	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	2814246	15.56	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.78	45	5003725m	16.71	ug/L	
8) N-nitroso-di-propylamine	11.14	70	2341687	17.00	ug/L	95
9) Hexachloroethane	11.26	117	878285	11.71	ug/L	94
11) Nitrobenzene	11.50	77	3136312	16.25	ug/L	96
12) Isophorone	12.21	82	6706236	19.29	ug/L	98
13) bis(2-Chloroethoxy) methan	12.95	93	3852565	16.73	ug/L	99
14) 1,2,4-Trichlorobenzene	13.31	180	2146971	14.69	ug/L	99
15) Napthalene	13.49	128	9218440	17.25	ug/L	98
16) Hexachlorobutadiene	13.94	225	914275	13.35	ug/L	97
18) 2-Chloronaphthalene	16.93	162	5012917	18.32	ug/L	99
19) Dimethylphthalate	18.01	163	6021754	17.17	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	954046	17.31	ug/L #	87
21) Acenapthylene	18.13	152	7982375	15.78	ug/L	97
22) Acenapthalene	18.66	153	5231149	17.93	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	1231876	15.79	ug/L	96
24) Diethylphthalate	20.15	149	5918793	19.41	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2733232	16.96	ug/L	99
26) Fluorene	20.20	166	6183878	18.53	ug/L	97
28) Azobenzene	20.79	77	6646050	16.52	ug/L	95
30) Nnitrosodiphenylamine	20.70	169	3549193	18.20	ug/L	94
31) 4-Bromophenyl-phenylether	21.77	248	1391481	17.73	ug/L	96
32) Hexachlorobenzene	21.80	284	1345624	17.91	ug/L	99
33) Phenanthrene	23.02	178	8533077	17.80	ug/L	97

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

Data File : C:\MSDCHEM\1\DATA\050202\0429REFB.D Vial: 8
Acq On : 2 May 2002 5:17 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 10:59:50 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

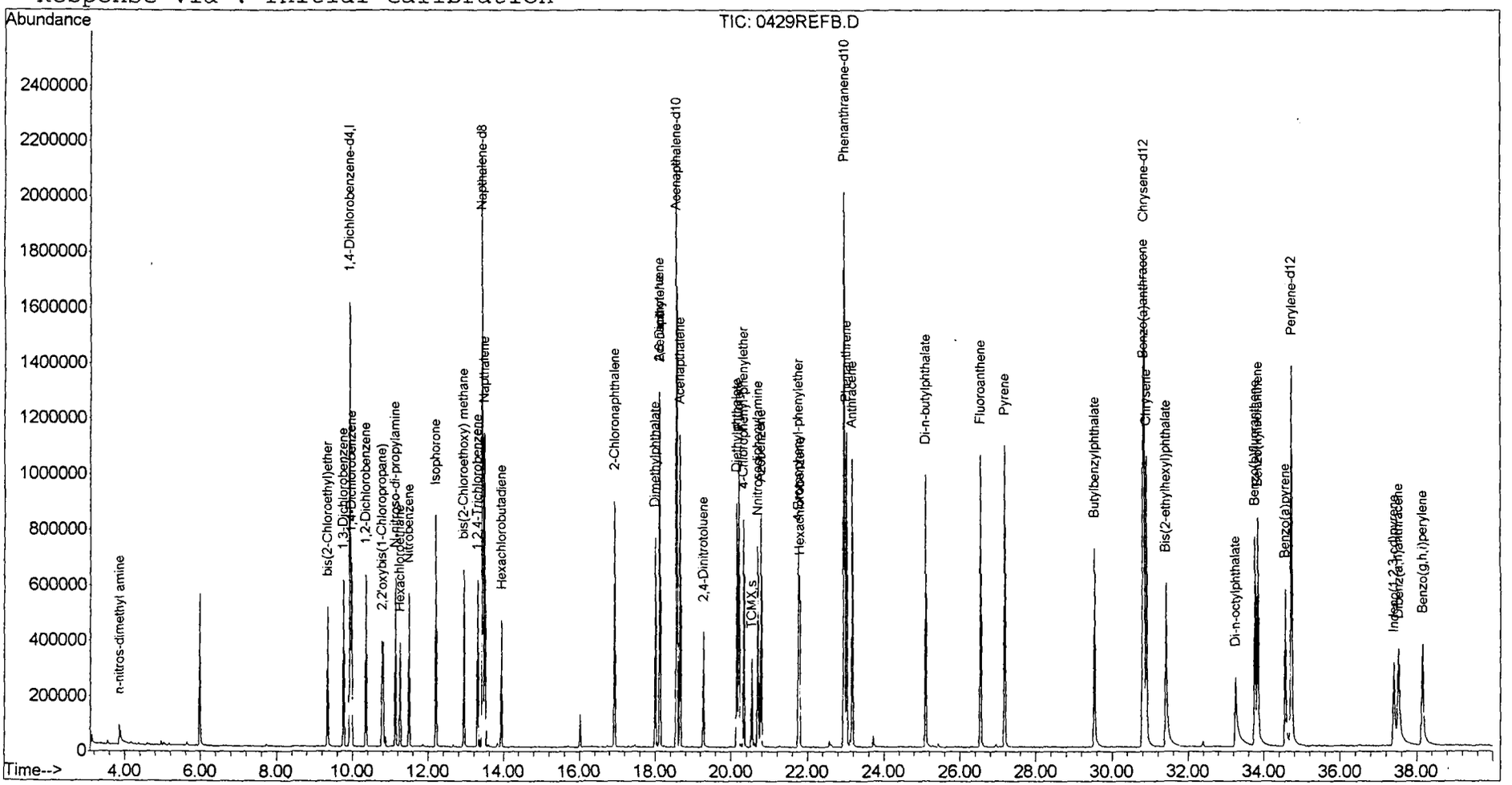
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
34)	Anthracene	23.17	178	8156040	16.63	ug/L		98
35)	Di-n-butylphthalate	25.10	149	10025322	19.04	ug/L		99
36)	Fluoroanthene	26.54	202	8835606	17.98	ug/L		99
38)	Pyrene	27.18	202	9334211	18.15	ug/L		97
39)	Butylbenzylphthalate	29.53	149	3778878	16.49	ug/L	#	98
40)	Benzo(a)anthracene	30.79	228	6840826	16.71	ug/L		97
41)	Bis(2-ethylhexyl)phthalate	31.40	149	5177317	16.72	ug/L		96
42)	Chrysene	30.89	228	7637293m	18.01	ug/L		
44)	Di-n-octylphthalate	33.25	149	6074182	14.60	ug/L		99
45)	Benzo(b)fluoranthene	33.76	252	6266977	18.36	ug/L		96
46)	Benzo(k)fluoranthene	33.83	252	7826569	18.25	ug/L		98
47)	Benzo(a)pyrene	34.55	252	5028873m	14.76	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.40	276	3505044	14.67	ug/L		99
49)	Dibenz(a,h)anthracene	37.52	278	4487853	17.67	ug/L		100
51)	Benzo(g,h,i)perylene	38.15	276	4978732	18.67	ug/L		100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\0429REFB.D Vial: 8
Acq On : 2 May 2002 5:17 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 11:44 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



Data File : C:\MSDCHEM\1\DATA\050202\0429REFA.D Vial: 7
Acq On : 2 May 2002 4:27 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 10:58:41 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 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	5011139	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	20404653	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	11020836	40.00	ug/L	0.01
29) Phenanthranene-d10	22.96	188	16289822	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12360195	40.00	ug/L	0.01
43) Perylene-d12	34.72	264	9192737	40.00	ug/L	0.01
System Monitoring Compounds						
27) TCMX	20.54	207	636675	7.33	ug/L	0.00
Spiked Amount 10.000			Recovery = 73.30%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	710007	6.91	ug/L #	87
3) bis(2-Chloroethyl)ether	9.35	93	3207154	16.36	ug/L	88
4) 1,3-Dichlorobenzene	9.77	146	2643672	13.24	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2769663	13.49	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	2743242	15.03	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.81	45	2563832	8.48	ug/L	95
8) N-nitroso-di-propylamine	11.14	70	2392322	17.21	ug/L	95
9) Hexachloroethane	11.26	117	823577	10.88	ug/L	92
11) Nitrobenzene	11.50	77	3178309	16.10	ug/L	95
12) Isophorone	12.21	82	6805246	19.14	ug/L	99
13) bis(2-Chloroethoxy) methan	12.95	93	3990111	16.94	ug/L	99
14) 1,2,4-Trichlorobenzene	13.31	180	2170855	14.52	ug/L	97
15) Napthalene	13.49	128	9466336	17.32	ug/L	98
16) Hexachlorobutadiene	13.93	225	886289	12.65	ug/L	97
18) 2-Chloronaphthalene	16.94	162	5185781	18.45	ug/L	99
19) Dimethylphthalate	18.01	163	6200498	17.21	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	964861	17.04	ug/L #	91
21) Acenapthylene	18.13	152	8312091	15.99	ug/L	97
22) Acenapthalene	18.66	153	5421154	18.09	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	1235299	15.42	ug/L	96
24) Diethylphthalate	20.15	149	6137187	19.59	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	2836456	17.13	ug/L	97
26) Fluorene	20.21	166	6428557	18.75	ug/L	97
28) Azobenzene	20.79	77	6939362	16.79	ug/L	93
30) Nnitrosodiphenylamine	20.70	169	3766603	18.84	ug/L	95
31) 4-Bromophenyl-phenylether	21.77	248	1427173	17.74	ug/L	97
32) Hexachlorobenzene	21.80	284	1397137	18.14	ug/L	98
33) Phenanthrene	23.03	178	8836612	17.98	ug/L	97

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

(Q1 Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\0429REFA.D Vial: 7
Acq On : 2 May 2002 4:27 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 10:58:41 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
34)	Anthracene	23.17	178	8407385	16.73	ug/L		98
35)	Di-n-butylphthalate	25.10	149	10288737	19.07	ug/L		99
36)	Fluoroanthene	26.54	202	9062695	17.99	ug/L		98
38)	Pyrene	27.18	202	9590533	18.90	ug/L		98
39)	Butylbenzylphthalate	29.53	149	3737639	16.53	ug/L	#	97
40)	Benzo(a)anthracene	30.79	228	6912624	17.11	ug/L		97
41)	Bis(2-ethylhexyl)phthalate	31.40	149	4957953	16.22	ug/L		97
42)	Chrysene	30.89	228	6103397	14.59	ug/L		98
44)	Di-n-octylphthalate	33.25	149	5664273	13.96	ug/L		98
45)	Benzo(b)fluoranthene	33.76	252	6122621	18.40	ug/L		97
46)	Benzo(k)fluoranthene	33.83	252	7693313	18.39	ug/L		96
47)	Benzo(a)pyrene	34.56	252	4380224	13.19	ug/L		99
48)	Indeno(1,2,3-cd)pyrene	37.40	276	3170206	13.61	ug/L		100
49)	Dibenz(a,h)anthracene	37.52	278	4079355	16.47	ug/L		99
51)	Benzo(g,h,i)perylene	38.14	276	4628551	17.80	ug/L		100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\0429REFA.D Vial: 7
Acq On : 2 May 2002 4:27 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 10:58 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 2002
Response via : Initial Calibration