User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 13:26:03

Sample: AE12288
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/3/02 12:58 Ended: 6/3/02 12:58 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		37		2.0
2	bis(2-Chloroethyl)ether		71		2.0
3	1,3-Dichlorobenzene		64		2.0
4	1,4-Dichlorobenzene		62		2.0
5	1,2-Dichlorobenzene		70		2.0
6	2,2-oxybis(1-Chloropropane)		77		2.0
7	n-Nitrosodi-n-propylamine		78		2.0
8	Hexachloroethane		52		2.0
9	Nitrobenzene		74		2.0
10	Isophorone		88		2.0
11	bis(2-Chloroethoxy)methane		75		2.0
12	1,2,4-Trichlorobenzene		68		2.0
13	Naphthalene		79		2.0
14	Hexachlorobutadiene		58		2.0
15	2-Chloronaphthalene		84		2.0
16	Dimethylphthalate		80		2.0
17	2,6-Dinitrotoluene		82		2.0
18	Acenaphthylene		76		2.0
19	Acenaphthene		82		2.0
20	2,4-Dinitrotoluene		83		2.0
21	Diethylphthalate		85		2.0
22	4-Chlorophenylphenylether		77		2.0
23	Fluorene		83		2.0
24	Azobenzene		80		2.0
25	n-Nitrosodiphenylamine		93		2.0
26	4-Bromophenylphenylether		78		2.0
27	Hexachlorobenzene		81		2.0
28	Phenanthrene		82		2.0
29	Anthracene		75		2.0
30	Di-n-butylphthalate		86		2.0
31	Fluoranthene		75		2.0
32	Pyrene		92		2.0
33	Butylbenzylphthalate		66		2.0
34	Benzo(a)anthracene		79		2.0
35	[illegible]	[illegible]	[illegible]		2.0
36	Chrysene		80		2.0
37	[illegible]	[illegible]	[illegible]		2.0
38	Benzo(b)fluoranthene		73		2.0
39	Benzo(k)fluoranthene		90		2.0
40	Benzo(a)pyrene		53		2.0
41	[illegible]	[illegible]	[illegible]		2.0
42	Dibenz(a,h)anthracene		58		2.0
43	Benzo(g,h,i)perylene		64		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 13:26:45

Sample: AE12288
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/3/02 12:58 Ended: 6/3/02 12:58 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.46		2.0
2	bis(2-Chloroethyl)ether		14.15		2.0
3	1,3-Dichlorobenzene		12.77		2.0
4	1,4-Dichlorobenzene		12.39		2.0
5	1,2-Dichlorobenzene		13.90		2.0
6	2,2-oxybis(1-Chloropropane)		15.32		2.0
7	n-Nitrosodi-n-propylamine		15.55		2.0
8	Hexachloroethane		10.40		2.0
9	Nitrobenzene		14.72		2.0
10	Isophorone		17.62		2.0
11	bis(2-Chloroethoxy)methane		14.94		2.0
12	1,2,4-Trichlorobenzene		13.55		2.0
13	Naphthalene		15.74		2.0
14	Hexachlorobutadiene		11.60		2.0
15	2-Chloronaphthalene		16.76		2.0
16	Dimethylphthalate		15.90		2.0
17	2,6-Dinitrotoluene		16.36		2.0
18	Acenaphthylene		15.27		2.0
19	Acenaphthene		16.37		2.0
20	2,4-Dinitrotoluene		16.57		2.0
21	Diethylphthalate		16.95		2.0
22	4-Chlorophenylphenylether		15.32		2.0
23	Fluorene		16.67		2.0
24	Azobenzene		15.90		2.0
25	n-Nitrosodiphenylamine		18.56		2.0
26	4-Bromophenylphenylether		15.65		2.0
27	Hexachlorobenzene		16.29		2.0
28	Phenanthrene		16.40		2.0
29	Anthracene		15.05		2.0
30	Di-n-butylphthalate		17.28		2.0
31	Fluoranthene		15.02		2.0
32	Pyrene		18.35		2.0
33	Butylbenzylphthalate		13.25		2.0
34	Benzo(a)anthracene		15.73		2.0
35	bis(2-Ethylhexyl)phthalate		10.90		2.0
36	Chrysene		15.97		2.0
37	Di-n-octylphthalate		6.50		2.0
38	Benzo(b)fluoranthene		14.68		2.0
39	Benzo(k)fluoranthene		18.05		2.0
40	Benzo(a)pyrene		10.64		2.0
41	Indeno(1,2,3-cd)pyrene		8.40		2.0
42	Dibenz(a,h)anthracene		11.59		2.0
43	Benzo(g,h,i)perylene		12.71		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF2.D Vial: 6
Acq On : 29 May 2002 2:10 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 09:28:28 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4717148	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	18980720	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10462337	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15844901	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10766906	40.00	ug/L	-0.04
43) Perylene-d12	34.65	264	6172630	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.51	209	2110623	35.01	ug/L	0.00
Spiked Amount 40.000			Recovery = 87.52%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.88	74	656912	7.46	ug/L #	77
3) bis(2-Chloroethyl)ether	9.31	93	2473100	14.15	ug/L	100
4) 1,3-Dichlorobenzene	9.73	146	2248724	12.77	ug/L	98
5) 1,4-Dichlorobenzene	9.94	146	2369714	12.39	ug/L	99
6) 1,2-Dichlorobenzene	10.32	146	2341767	13.90	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.77	45	4101146m	15.32	ug/L	
8) N-nitroso-di-propylamine	11.10	70	1768637	15.55	ug/L	99
9) Hexachloroethane	11.22	117	721309	10.40	ug/L	100
11) Nitrobenzene	11.45	77	2453031	14.72	ug/L	99
12) Isophorone	12.17	82	5319644	17.62	ug/L	99
13) bis(2-Chloroethoxy) methan	12.91	93	3158888	14.94	ug/L	98
14) 1,2,4-Trichlorobenzene	13.26	180	1942295	13.55	ug/L	97
15) Napthalene	13.45	128	7875614	15.74	ug/L	100
16) Hexachlorobutadiene	13.89	225	794317	11.60	ug/L	98
18) 2-Chloronaphthalene	16.89	162	4492833	16.76	ug/L	99
19) Dimethylphthalate	17.97	163	5227940	15.90	ug/L	99
20) 2,6-Dinitrotoluene	18.08	165	864181	16.36	ug/L	96
21) Acenapthylene	18.09	152	6824540	15.27	ug/L	99
22) Acenapthalene	18.62	153	4619661	16.37	ug/L	97
23) 2,4-Dinitrotoluene	19.23	165	1144722	16.57	ug/L	93
24) Diethylphthalate	20.10	149	5207208	16.95	ug/L	100
25) 4-Chlorophenyl-phenylether	20.29	204	2512171	15.32	ug/L	100
26) Fluorene	20.16	166	5544470	16.67	ug/L	100
28) Azobenzene	20.74	77	5755072	15.90	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	2967558	18.56	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1269997	15.65	ug/L	94
32) Hexachlorobenzene	21.75	284	1285145	16.29	ug/L	98
33) Phenanthrene	22.97	178	7818007	16.40	ug/L	100
34) Anthracene	23.12	178	7059226	15.05	ug/L	100
35) Di-n-butylphthalate	25.05	149	8176696	17.28	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF2.D Vial: 6
Acq On : 29 May 2002 2:10 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 09:28:28 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

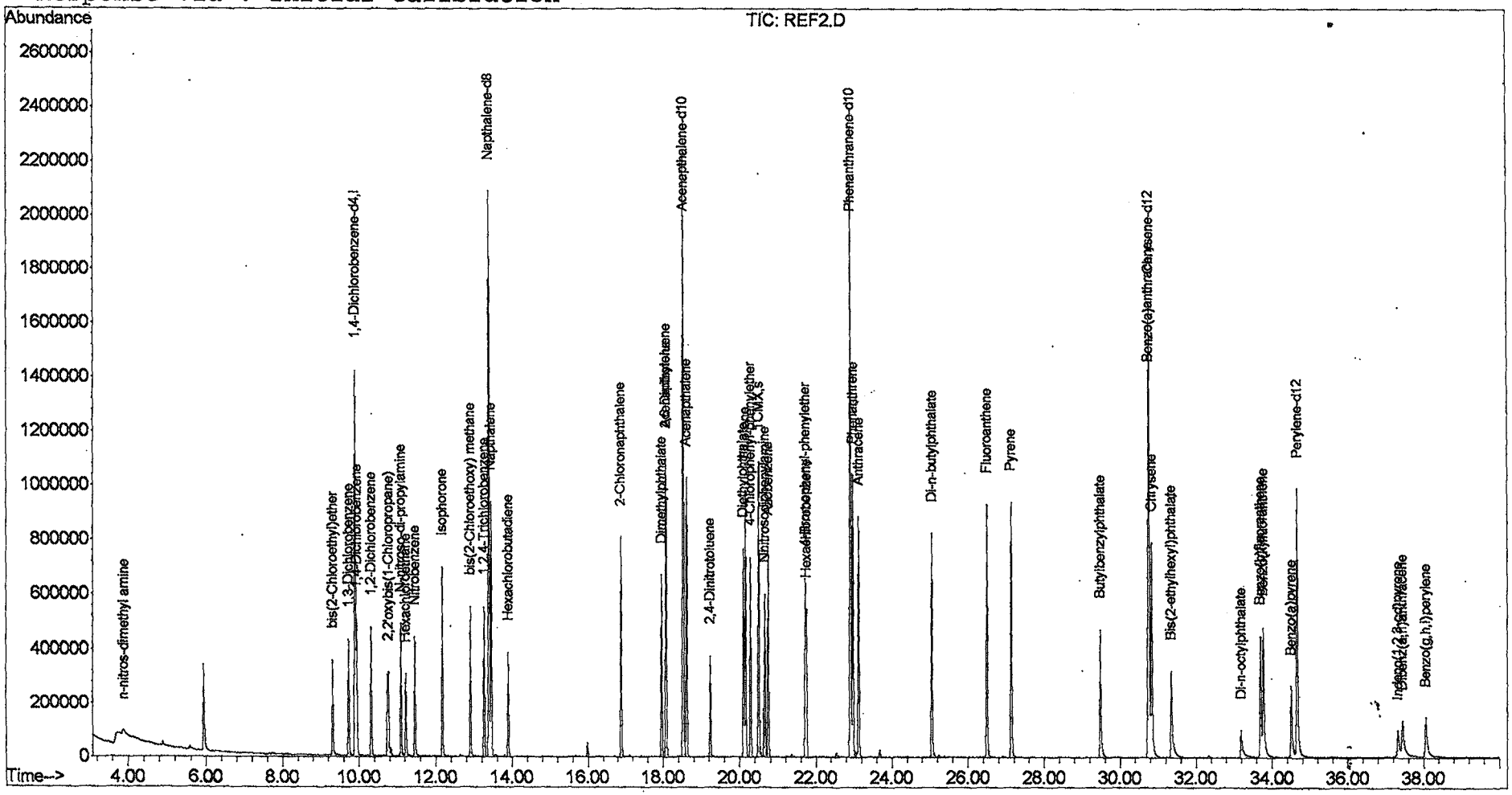
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	7518699	15.02	ug/L	97
38)	Pyrene	27.13	202	7847445	18.35	ug/L	98
39)	Butylbenzylphthalate	29.48	149	2424464	13.25	ug/L	98
40)	Benzo(a)anthracene	30.74	228	5078055	15.73	ug/L	100
41)	Bis(2-ethylhexyl)phthalate	31.34	149	2593572	10.90	ug/L	99
42)	Chrysene	30.83	228	5923634m	15.97	ug/L	
44)	Di-n-octylphthalate	33.19	149	1731361	6.50	ug/L	99
45)	Benzo(b)fluoranthene	33.70	252	3597609	14.68	ug/L	99
46)	Benzo(k)fluoranthene	33.77	252	4956525	18.05	ug/L	100
47)	Benzo(a)pyrene	34.50	252	2334252	10.64	ug/L	97
48)	Indeno(1,2,3-cd)pyrene	37.32	276	1227661	8.40	ug/L	94
49)	Dibenz(a,h)anthracene	37.44	278	1862779	11.59	ug/L	99
50)	Benzo(g,h,i)perylene	38.05	276	2169141	12.71	ug/L	95

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF2.D Vial: 6
Acq On : 29 May 2002 2:10 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 9:28 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF1.D Vial: 5
Acq On : 29 May 2002 1:21 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 09:27:34 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4447261	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	17890091	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.53	164	9975432	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	15029638	40.00	ug/L	-0.01
37) Chrysene-d12	30.76	240	9499969	40.00	ug/L	-0.04
43) Perylene-d12	34.65	264	5087319	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	1791521	31.17	ug/L	-0.01
Spiked Amount 40.000			Recovery = 77.92%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.88	74	486948	5.87	ug/L #	61
3) bis(2-Chloroethyl)ether	9.31	93	2018330	12.25	ug/L	98
4) 1,3-Dichlorobenzene	9.73	146	1883261	11.35	ug/L	99
5) 1,4-Dichlorobenzene	9.94	146	1996877	11.07	ug/L	97
6) 1,2-Dichlorobenzene	10.32	146	1930222	12.16	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.77	45	3322101m	13.16	ug/L	
8) N-nitroso-di-propylamine	11.10	70	1399774	13.06	ug/L	96
9) Hexachloroethane	11.22	117	609915	9.33	ug/L	96
11) Nitrobenzene	11.45	77	1925402	12.26	ug/L	98
12) Isophorone	12.17	82	4286816	15.07	ug/L	100
13) bis(2-Chloroethoxy) methan	12.90	93	2572078	12.90	ug/L	98
14) 1,2,4-Trichlorobenzene	13.26	180	1578254	11.68	ug/L	99
15) Napthalene	13.45	128	6405151	13.58	ug/L	99
16) Hexachlorobutadiene	13.89	225	651559	10.10	ug/L	97
18) 2-Chloronaphthalene	16.89	162	3616114	14.15	ug/L	98
19) Dimethylphthalate	17.96	163	4333399	13.82	ug/L	100
20) 2,6-Dinitrotoluene	18.07	165	654511	13.00	ug/L	95
21) Acenapthylene	18.08	152	5524087	12.96	ug/L	99
22) Acenapthalene	18.62	153	3784488	14.06	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	884610	13.43	ug/L	93
24) Diethylphthalate	20.10	149	4374807	14.93	ug/L	97
25) 4-Chlorophenyl-phenylether	20.29	204	2086060	13.34	ug/L	99
26) Fluorene	20.16	166	4567369	14.40	ug/L	99
28) Azobenzene	20.74	77	4750828	13.77	ug/L	98
30) Nnitrosodiphenylamine	20.65	169	2389865	15.76	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1056097	13.72	ug/L	98
32) Hexachlorobenzene	21.75	284	1058494	14.15	ug/L	97
33) Phenanthrene	22.97	178	6512283	14.41	ug/L	99
34) Anthracene	23.12	178	5816850	13.07	ug/L	99
35) Di-n-butylphthalate	25.05	149	6611817	14.73	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF1.D Vial: 5
Acq On : 29 May 2002 1:21 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 09:27:34 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	6075970	12.80	ug/L	99
38)	Pyrene	27.13	202	6332145	16.78	ug/L	98
39)	Butylbenzylphthalate	29.48	149	1705966	10.56	ug/L	98
40)	Benzo(a)anthracene	30.74	228	3826521	13.43	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.34	149	1646168	7.84	ug/L	98
42)	Chrysene	30.82	228	4593871m	14.04	ug/L	
44)	Di-n-octylphthalate	33.18	149	1077076	4.91	ug/L	97
45)	Benzo(b)fluoranthene	33.70	252	2469246	12.22	ug/L	99
46)	Benzo(k)fluoranthene	33.77	252	3641033	16.09	ug/L	98
47)	Benzo(a)pyrene	34.50	252	1524642	8.44	ug/L	98
48)	Indeno(1,2,3-cd)pyrene	37.32	276	813266	6.75	ug/L	94
49)	Dibenz(a,h)anthracene	37.44	278	1347414	10.17	ug/L	99
50)	Benzo(g,h,i)perylene	38.05	276	1574432	11.19	ug/L	92

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REF1.D Vial: 5
Acq On : 29 May 2002 1:21 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 9:27 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration