User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:51:46

Sample: AE03265
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/25/02 14:44 Ended: 3/25/02 14:44 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.10		2.0
2	bis(2-Chloroethyl)ether		10.51		2.0
3	1,3-Dichlorobenzene		7.64		2.0
4	1,4-Dichlorobenzene		8.08		2.0
5	1,2-Dichlorobenzene		9.45		2.0
6	2,2-oxybis(1-Chloropropane)		11.21		2.0
7	n-Nitrosodi-n-propylamine		11.57		2.0
8	Hexachloroethane		6.79		2.0
9	Nitrobenzene		7.73		2.0
10	Isophorone		9.65		2.0
11	bis(2-Chloroethoxy)methane		8.65		2.0
12	1,2,4-Trichlorobenzene		8.02		2.0
13	Naphthalene		9.83		2.0
14	Hexachlorobutadiene		5.66		2.0
15	2-Chloronaphthalene		9.14		2.0
16	Dimethylphthalate		10.85		2.0
17	2,6-Dinitrotoluene		9.05		2.0
18	Acenaphthylene		10.02		2.0
19	Acenaphthene		10.58		2.0
20	2,4-Dinitrotoluene		7.86		2.0
21	Diethylphthalate		11.76		2.0
22	4-Chlorophenylphenylether		10.80		2.0
23	Fluorene		11.58		2.0
24	Azobenzene/1,2-Diphenylhydraz		9.90		2.0
25	n-Nitrosodiphenylamine		7.44		2.0
26	4-Bromophenylphenylether		11.53		2.0
27	Hexachlorobenzene		11.43		2.0
28	Phenanthrene		11.40		2.0
29	Anthracene		10.41		2.0
30	Di-n-butylphthalate		11.45		2.0
31	Fluoranthene		11.65		2.0
32	Pyrene		10.27		2.0
33	Butylbenzylphthalate		8.69		2.0
34	Benzo(a)anthracene		10.16		2.0
35	bis(2-Ethylhexyl)phthalate		9.80		2.0
36	Chrysene		11.89		2.0
37	Di-n-octylphthalate		8.99		2.0
38	Benzo(b)fluoranthene		11.00		2.0
39	Benzo(k)fluoranthene		12.19		2.0
40	Benzo(a)pyrene		8.67		2.0
41	Indeno(1,2,3-cd)pyrene		7.55		2.0
42	Dibenz(a,h)anthracene		9.89		2.0
43	Benzo(g,h,i)perylene		10.26		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:52:00

Sample: AE03265
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/25/02 14:44 Ended: 3/25/02 14:44 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		51		2.0
2					
3					
4					
5					
6					
7					
8					
9	Nitrobenzene		77		2.0
10					
11	bis(2-Chloroethoxy)methane		86		2.0
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25	n-Nitrosodiphenylamine		74		2.0
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41	Indeno(1,2,3-cd)pyrene		76		2.0
42					
43					

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\0214REF2.D Vial: 32
Acq On : 20 Mar 2002 5:53 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 09:00:05 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1184458	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3111421	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1711439	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2653567	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2424363	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1316069	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	228245	7.21	ug/L	0.00
Spiked Amount 5.000			Recovery =	144.20%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	135633	5.10	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	440830	10.51	ug/L	84
4) 1,3 - Dichlorobenze	9.38	146	316869	7.64	ug/L	93
5) 1,4 - Dichlorobenzene	9.59	146	334030	8.08	ug/L	98
6) 1,2 - Dichlorobenzene	9.96	146	361727	9.45	ug/L	97
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1070957	11.21	ug/L	100
8) N-Nitroso-di-n-propylamine	10.75	70	348919	11.57	ug/L	98
9) Hexachloroethane	10.86	117	105568	6.79	ug/L	95
11) Nitrobenzene	11.10	77	433344	7.73	ug/L	99
12) Isophorone	11.81	82	994894	9.65	ug/L	98
13) bis(2-Chloroethoxy) methan	12.55	93	536522	8.65	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	285840	8.02	ug/L	98
15) Naphthalene	13.08	128	1270861	9.83	ug/L	99
16) Hexachlorobutadiene	13.53	225	112803	5.66	ug/L	98
18) Hexachlorocyclopentadiene	15.60	237	11073	0.73	ug/L	71
19) 2-chloronaphthalene	16.51	162	714059	9.14	ug/L	99
20) Dimethylphthalate	17.59	163	1012165	10.85	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	179585	9.05	ug/L	95
22) Acenaphthylene	17.69	152	1086366	10.02	ug/L	98
23) Acenaphthene	18.22	153	779424	10.58	ug/L	97
24) 2,4-Dinitrotoluene	18.85	165	223294	7.86	ug/L	96
25) Diethylphthalate	19.72	149	944029	11.76	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	461924	10.80	ug/L	99
27) Fluorene	19.76	166	1005777	11.58	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1171744	9.90	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	424278	7.44	ug/L	96
31) 4-Bromophenyl-phenyl ether	21.32	248	270115	11.53	ug/L	99
32) Hexachlorobenzene	21.34	284	282416	11.43	ug/L	95
33) Phenanthrene	22.56	178	1401133	11.40	ug/L	99
34) Anthracene	22.70	178	1269279	10.41	ug/L	99
35) Di-n-butylphthalate	24.64	149	1612093	11.45	ug/L	98
36) Fluoranthene	26.06	202	1626939	11.65	ug/L	99
39) Pyrene	26.69	202	1721154	10.27	ug/L	97
40) Butylbenzylphthalate	29.05	149	623249	8.69	ug/L	99
41) Benzo (a) antracene	30.29	228	1292740	10.16	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	929219	9.80	ug/L	98
43) Chrysene	30.38	228	1437408	11.89	ug/L	99
45) Di-n-Octylphthalate	32.75	149	1270616	8.99	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1020592	11.00	ug/L	99

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

4.18/5
8490

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\0214REF2.D Vial: 32
Acq On : 20 Mar 2002 5:53 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 09:00:05 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

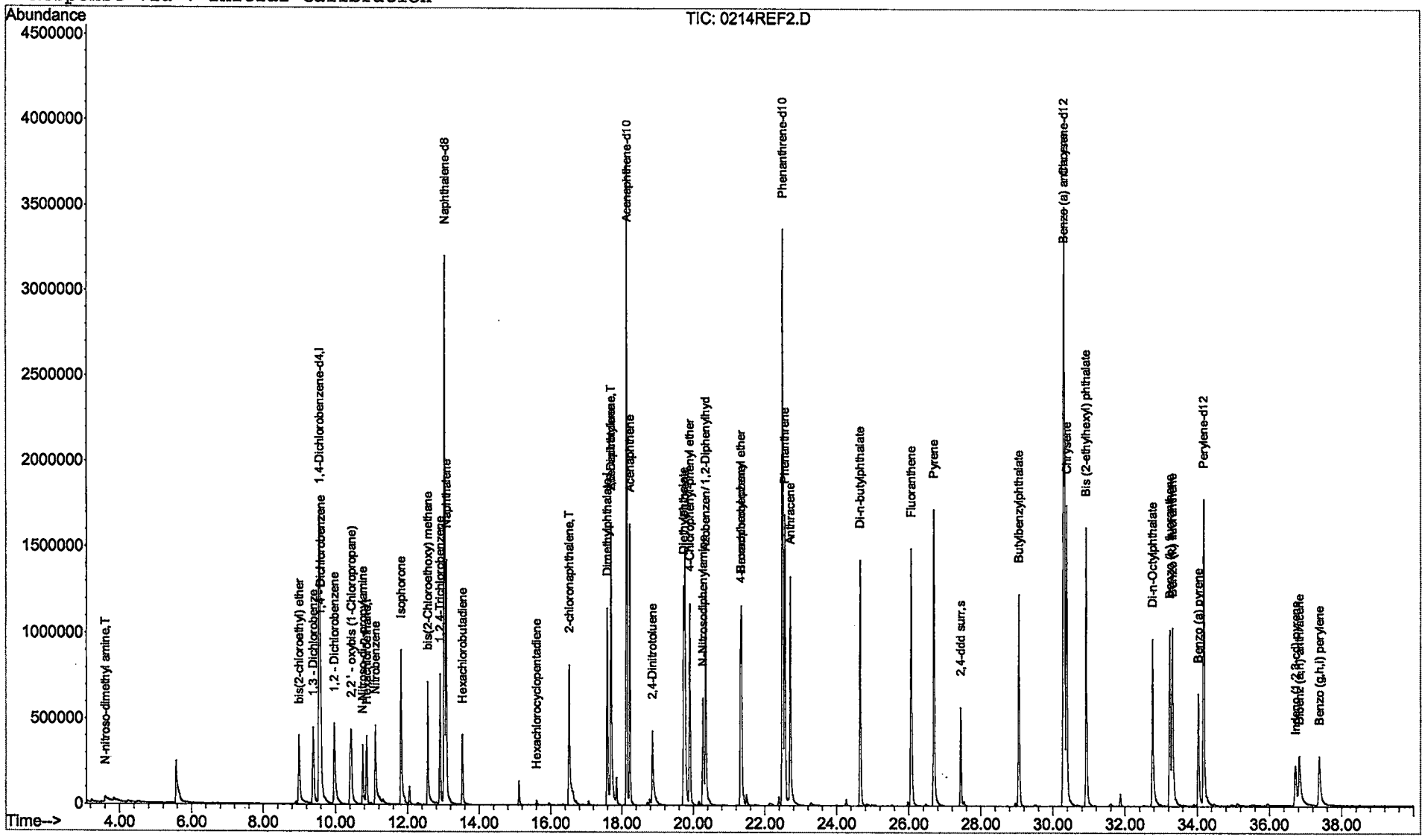
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.31	252	1152990	12.19	ug/L	97
48)	Benzo (a) pyrene	34.02	252	686775	8.67	ug/L	98
49)	Indeno (1,2,3-cd) pyrene	36.72	276	344112	7.55	ug/L	97
50)	Dibenz (a,h) anthracene	36.83	278	433484	9.89	ug/L	96
51)	Benzo (g,h,i) perylene	37.38	276	449909	10.26	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\0214REF2.D Vial: 32
Acq On : 20 Mar 2002 5:53 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 9:00 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\0214REF1.D Vial: 31
Acq On : 20 Mar 2002 5:04 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 08:58:58 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1437444	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3766395	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2092802	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3231212	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2973434	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1665851	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	287143	7.45	ug/L	0.00
Spiked Amount 5.000			Recovery =	149.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	164288	5.09	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	519304	10.21	ug/L	83
4) 1,3 - Dichlorobenze	9.38	146	386014	7.67	ug/L	97
5) 1,4 - Dichlorobenzene	9.59	146	397283	7.92	ug/L	99
6) 1,2 - Dichlorobenzene	9.96	146	413214	8.89	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.42	45	1230390	10.62	ug/L	100
8) N-Nitroso-di-n-propylamine	10.75	70	428824	11.72	ug/L	95
9) Hexachloroethane	10.86	117	125708	6.67	ug/L	99
11) Nitrobenzene	11.10	77	546002	8.05	ug/L	98
12) Isophorone	11.81	82	1219199	9.77	ug/L	99
13) bis(2-Chloroethoxy) methan	12.55	93	661768	8.81	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	338678	7.85	ug/L	99
15) Naphthalene	13.08	128	1483460	9.48	ug/L	99
16) Hexachlorobutadiene	13.53	225	131949	5.47	ug/L	96
18) Hexachlorocyclopentadiene	15.61	237	13637	0.74	ug/L	90
19) 2-chloronaphthalene	16.51	162	915936	9.59	ug/L	98
20) Dimethylphthalate	17.59	163	1253377	10.99	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	224479	9.25	ug/L	94
22) Acenaphthylene	17.70	152	1346028	10.16	ug/L	99
23) Acenaphthene	18.22	153	931098	10.33	ug/L	99
24) 2,4-Dinitrotoluene	18.86	165	288142	8.29	ug/L	96
25) Diethylphthalate	19.72	149	1153458	11.75	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	560294	10.71	ug/L	97
27) Fluorene	19.76	166	1217364	11.46	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1438830	9.94	ug/L	95
30) N-Nitrosodiphenylamine	20.26	169	496475	7.15	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	327456	11.48	ug/L	94
32) Hexachlorobenzene	21.34	284	344753	11.46	ug/L	97
33) Phenanthrene	22.56	178	1727376	11.54	ug/L	99
34) Anthracene	22.70	178	1534369	10.33	ug/L	100
35) Di-n-butylphthalate	24.64	149	2066932	12.05	ug/L	99
36) Fluoranthene	26.06	202	2019295	11.87	ug/L	99
39) Pyrene	26.69	202	2127982	10.35	ug/L	98
40) Butylbenzylphthalate	29.05	149	825045	9.37	ug/L	99
41) Benzo (a) antracene	30.29	228	1656163	10.61	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1178384	10.13	ug/L	100
43) Chrysene	30.38	228	1760986	11.88	ug/L	99
45) Di-n-Octylphthalate	32.75	149	1650261	9.22	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	1301462	11.09	ug/L	100

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

5.26/5 = 105%

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\0214REF1.D Vial: 31
Acq On : 20 Mar 2002 5:04 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 08:58:58 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1464046	12.23	ug/L	98
48) Benzo (a) pyrene	34.02	252	891212	8.89	ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.72	276	484965	8.41	ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	585831	10.56	ug/L	99
51) Benzo (g,h,i) perylene	37.38	276	609867	10.98	ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\031902\0214REF1.D Vial: 31
Acq On : 20 Mar 2002 5:04 pm Operator: McLean
Sample : 2/14/02 RE-INJ Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 8:59 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration