User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 12:21:48

Sample: AE03473
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/15/02 12:14 Ended: 3/15/02 12:14 Analyst: MG
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		6.43		2.0
2	bis(2-Chloroethyl)ether		10.06		2.0
3	1,3-Dichlorobenzene		6.97		2.0
4	1,4-Dichlorobenzene		7.30		2.0
5	1,2-Dichlorobenzene		7.69		2.0
6	2,2-oxybis(1-Chloropropane)		10.00		2.0
7	n-Nitrosodi-n-propylamine		11.76		2.0
8	Hexachloroethane		5.98		2.0
9	Nitrobenzene		7.98		2.0
10	Isophorone		9.67		2.0
11	bis(2-Chloroethoxy)methane		8.71		2.0
12	1,2,4-Trichlorobenzene		7.34		2.0
13	Naphthalene		8.88		2.0
14	Hexachlorobutadiene		4.66		2.0
15	2-Chloronaphthalene		8.07		2.0
16	Dimethylphthalate		9.96		2.0
17	2,6-Dinitrotoluene		8.78		2.0
18	Acenaphthylene		9.70		2.0
19	Acenaphthene		9.51		2.0
20	2,4-Dinitrotoluene		8.74		2.0
21	Diethylphthalate		11.19		2.0
22	4-Chlorophenylphenylether		9.59		2.0
23	Fluorene		10.42		2.0
24	Azobenzene/1,2-Diphenylhydraz		9.23		2.0
25	n-Nitrosodiphenylamine		9.68		2.0
26	4-Bromophenylphenylether		10.51		2.0
27	Hexachlorobenzene		10.18		2.0
28	Phenanthrene		10.52		2.0
29	Anthracene		10.32		2.0
30	Di-n-butylphthalate		11.79		2.0
31	Fluoranthene		10.85		2.0
32	Pyrene		9.04		2.0
33	Butylbenzylphthalate		9.22		2.0
34	Benzo(a)anthracene		9.80		2.0
35	bis(2-Ethylhexyl)phthalate		9.86		2.0
36	Chrysene		10.65		2.0
37	Di-n-octylphthalate		8.98		2.0
38	Benzo(b)fluoranthene		10.43		2.0
39	Benzo(k)fluoranthene		10.94		2.0
40	Benzo(a)pyrene		8.88		2.0
41	Indeno(1,2,3-cd)pyrene		8.23		2.0
42	Dibenz(a,h)anthracene		9.81		2.0
43	Benzo(g,h,i)perylene		8.97		2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 12:24:56

Sample: AE03473
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/15/02 12:14 Ended: 3/15/02 12:14 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
9	Nitrobenzene		80		2.0
11	bis(2-Chloroethoxy)methane		87		2.0
14	Hexachlorobutadiene		47		2.0
15	2-Chloronaphthalene		80		2.0
24	Azobenzene/1,2-Diphenylhydraz		92		2.0
32	Pyrene		90		2.0
41	Indeno(1,2,3-cd)pyrene		82		2.0
43	Benzo(g,h,i)perylene		90		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\REFA0312.D Vial: 26
Acq On : 12 Mar 2002 8:54 am Operator: McLean
Sample : REF1 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:03:53 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	9.55	150	1397749	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3604775	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2056377	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3192671	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	3042388	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	1852348	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.44	235	260447	6.84	ug/L	0.00
Spiked Amount 5.000			Recovery =	136.80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	201789m	6.43	ug/L	
3) bis(2-chloroethyl) ether	8.98	93	497777	10.06	ug/L	83
4) 1,3 - Dichlorobenze	9.38	146	341059	6.97	ug/L	96
5) 1,4 - Dichlorobenzene	9.59	146	356408	7.30	ug/L	97
6) 1,2 - Dichlorobenzene	9.97	146	347223	7.69	ug/L	94
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1127335	10.00	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	418454m	11.76	ug/L	
9) Hexachloroethane	10.86	117	109727	5.98	ug/L	99
11) Nitrobenzene	11.10	77	518239	7.98	ug/L	98
12) Isophorone	11.82	82	1154888	9.67	ug/L	98
13) bis(2-Chloroethoxy) methan	12.55	93	626479	8.71	ug/L	100
14) 1,2,4-Trichlorobenzene	12.91	180	303007	7.34	ug/L	98
15) Naphthalene	13.08	128	1329932	8.88	ug/L	99
16) Hexachlorobutadiene	13.53	225	107479	4.66	ug/L	95
18) Hexachlorocyclopentadiene	15.61	237	32989	1.82	ug/L	94
19) 2-chloronaphthalene	16.51	162	757137	8.07	ug/L	99
20) Dimethylphthalate	17.60	163	1116462	9.96	ug/L	99
21) 2,6-Dinitrotoluene	17.71	165	209483	8.78	ug/L	94
22) Acenaphthylene	17.70	152	1263806	9.70	ug/L	100
23) Acenaphthene	18.22	153	842249	9.51	ug/L	100
24) 2,4-Dinitrotoluene	18.86	165	298510	8.74	ug/L	93
25) Diethylphthalate	19.73	149	1079000	11.19	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.90	204	493080	9.59	ug/L	98
27) Fluorene	19.76	166	1087647	10.42	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1312091	9.23	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	664289	9.68	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	296206	10.51	ug/L	97
32) Hexachlorobenzene	21.34	284	302514	10.18	ug/L	97
33) Phenanthrene	22.56	178	1556284	10.52	ug/L	100
34) Anthracene	22.71	178	1514952	10.32	ug/L	99
35) Di-n-butylphthalate	24.65	149	1998122	11.79	ug/L	99
36) Fluoranthene	26.06	202	1823409	10.85	ug/L	100
39) Pyrene	26.70	202	1902224	9.04	ug/L	95
40) Butylbenzylphthalate	29.05	149	829965	9.22	ug/L	96
41) Benzo (a) antracene	30.29	228	1564090	9.80	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.92	149	1174026	9.86	ug/L	96
43) Chrysene	30.39	228	1616279	10.65	ug/L	99
45) Di-n-Octylphthalate	32.76	149	1785998	8.98	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	1361141	10.43	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\REFA0312.D Vial: 26
Acq On : 12 Mar 2002 8:54 am Operator: McLean
Sample : REF1 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:03:53 2002 Quant Results File: 5080302.RES

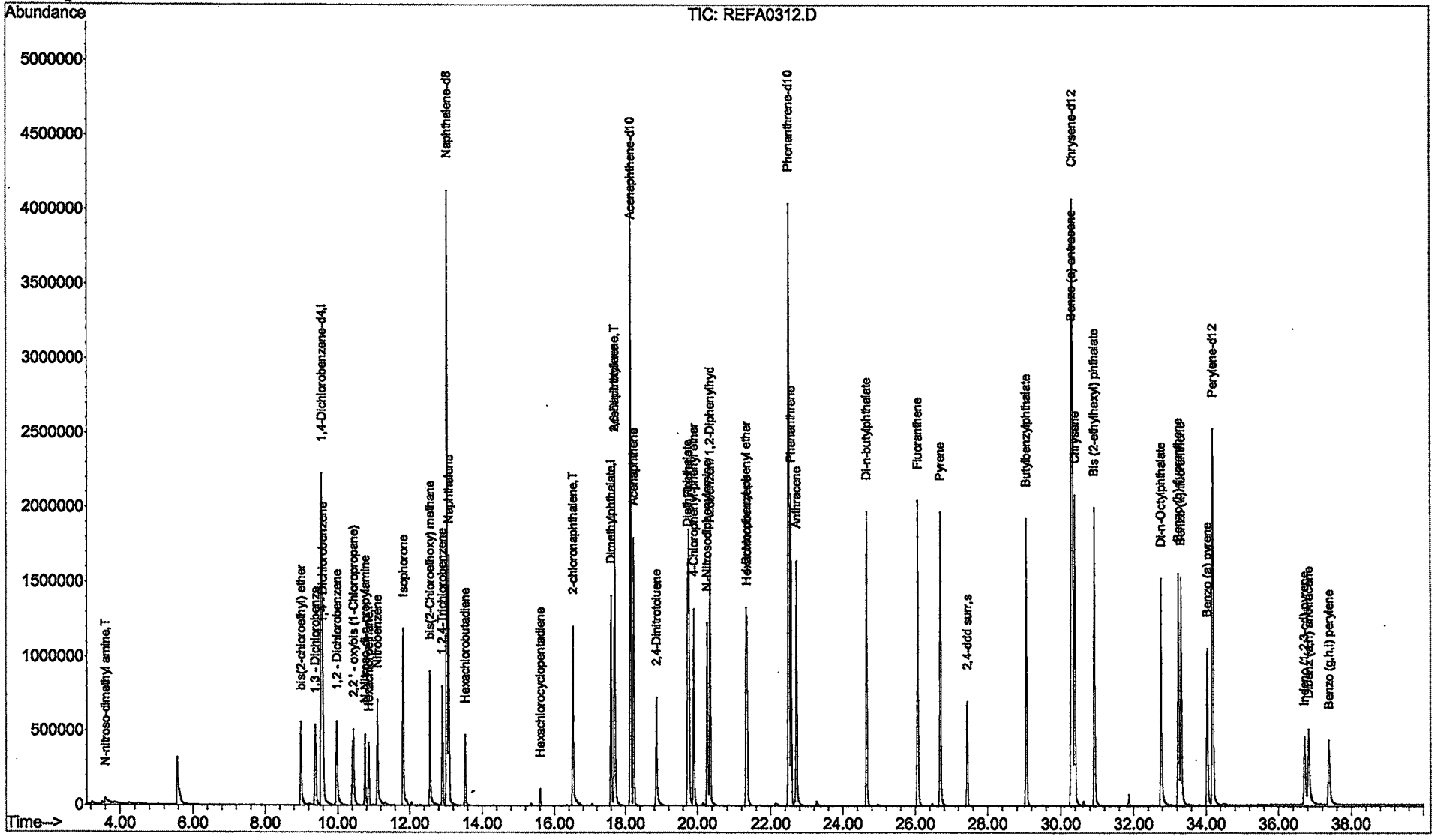
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1456814	10.94	ug/L	100
48) Benzo (a) pyrene	34.03	252	990230	8.88	ug/L	100
49) Indeno (1,2,3-cd) pyrene	36.72	276	527882	8.23	ug/L	95
50) Dibenz (a,h) anthracene	36.83	278	605102	9.81	ug/L	100
51) Benzo (g,h,i) perylene	37.38	276	553704	8.97	ug/L	97

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

Data File : C:\MSDCHEM\1\DATA\031202\REFA0312.D Vial: 26
Acq On : 12 Mar 2002 8:54 am Operator: McLean
Sample : REF1 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:08 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\031202\REFB0312.D Vial: 27
Acq On : 12 Mar 2002 10:06 am Operator: McLean
Sample : REFB 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:10:21 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	9.55	150	1393144	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3609625	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2032470	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3149385	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	2917588	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	1495678	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.44	235	288000	7.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 153.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	191653	6.13	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	558456	11.32	ug/L	82
4) 1,3 - Dichlorobenze	9.38	146	351139	7.20	ug/L	99
5) 1,4 - Dichlorobenzene	9.59	146	363303	7.47	ug/L	97
6) 1,2 - Dichlorobenzene	9.97	146	365992	8.13	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1256136	11.18	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	453729	12.80	ug/L	95
9) Hexachloroethane	10.86	117	108238	5.92	ug/L	94
11) Nitrobenzene	11.10	77	591702	9.10	ug/L	98
12) Isophorone	11.82	82	1299385	10.86	ug/L	99
13) bis(2-Chloroethoxy) methan	12.56	93	725623	10.08	ug/L	98
14) 1,2,4-Trichlorobenzene	12.90	180	325074	7.87	ug/L	96
15) Naphthalene	13.08	128	1442123	9.61	ug/L	100
16) Hexachlorobutadiene	13.53	225	96865	4.19	ug/L	98
18) Hexachlorocyclopentadiene	15.61	237	37807	2.11	ug/L	99
19) 2-chloronaphthalene	16.51	162	828775	8.93	ug/L	99
20) Dimethylphthalate	17.60	163	1219555	11.01	ug/L	99
21) 2,6-Dinitrotoluene	17.71	165	229179	9.72	ug/L	93
22) Acenaphthylene	17.70	152	1394630	10.83	ug/L	100
23) Acenaphthene	18.22	153	911873	10.42	ug/L	99
24) 2,4-Dinitrotoluene	18.86	165	323790	9.59	ug/L	94
25) Diethylphthalate	19.73	149	1179846	12.38	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.90	204	541750	10.67	ug/L	97
27) Fluorene	19.77	166	1172756	11.37	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1419717	10.10	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	690317	10.20	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.33	248	308221	11.09	ug/L	98
32) Hexachlorobenzene	21.35	284	333477	11.37	ug/L	91
33) Phenanthrene	22.56	178	1716504	11.77	ug/L	99
34) Anthracene	22.71	178	1608205	11.11	ug/L	100
35) Di-n-butylphthalate	24.65	149	2201347	13.17	ug/L	99
36) Fluoranthene	26.06	202	1977409	11.93	ug/L	99
39) Pyrene	26.69	202	2082858	10.33	ug/L	95
40) Butylbenzylphthalate	29.05	149	897956	10.40	ug/L	96
41) Benzo (a) antracene	30.29	228	1653565	10.80	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.92	149	1266761	11.10	ug/L	97
43) Chrysene	30.39	228	1739136	11.95	ug/L	98
45) Di-n-Octylphthalate	32.75	149	1829528	11.39	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	1253814	11.90	ug/L	98

(#) = qualifier out of range (m) = manual integration
REFB0312.D 5080302.M Fri Mar 15 10:13:28 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\REFB0312.D Vial: 27
Acq On : 12 Mar 2002 10:06 am Operator: McLean
Sample : REFB 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:10:21 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	1411371	13.13	ug/L	99
48) Benzo (a) pyrene	34.03	252	887008	9.85	ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.71	276	410742	7.93	ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	488239	9.80	ug/L	97
51) Benzo (g,h,i) perylene	37.38	276	456140	9.15	ug/L	98

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

Data File : C:\MSDCHEM\1\DATA\031202\REFB0312.D Vial: 27
Acq On : 12 Mar 2002 10:06 am Operator: McLean
Sample : REFB 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:10 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