User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/20/2002 Time: 15:46:16

Sample: AE05902
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/20/02 15:30 Ended: 3/20/02 15:30 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.07		2.0
2	bis(2-Chloroethyl)ether		10.11		2.0
3	1,3-Dichlorobenzene		4.46		2.0
4	1,4-Dichlorobenzene		5.29		2.0
5	1,2-Dichlorobenzene		6.23		2.0
6	2,2-oxybis(1-Chloropropane)		10.11		2.0
7	n-Nitrosodi-n-propylamine		10.96		2.0
8	Hexachloroethane		2.59		2.0
9	Nitrobenzene		7.53		2.0
10	Isophorone		8.68		2.0
11	bis(2-Chloroethoxy)methane		8.45		2.0
12	1,2,4-Trichlorobenzene		5.74		2.0
13	Naphthalene		8.50		2.0
14	Hexachlorobutadiene		1.49		2.0
15	2-Chloronaphthalene		7.85		2.0
16	Dimethylphthalate		9.99		2.0
17	2,6-Dinitrotoluene		8.45		2.0
18	Acenaphthylene		9.72		2.0
19	Acenaphthene		9.56		2.0
20	2,4-Dinitrotoluene		8.03		2.0
21	Diethylphthalate		11.33		2.0
22	4-Chlorophenylphenylether		9.35		2.0
23	Fluorene		10.44		2.0
24	Azobenzene/1,2-Diphenylhydraz		9.11		2.0
25	n-Nitrosodiphenylamine		9.17		2.0
26	4-Bromophenylphenylether		10.50		2.0
27	Hexachlorobenzene		9.71		2.0
28	Phenanthrene		10.81		2.0
29	Anthracene		10.02		2.0
30	Di-n-butylphthalate		11.67		2.0
31	Fluoranthene		10.95		2.0
32	Pyrene		9.54		2.0
33	Butylbenzylphthalate		9.31		2.0
34	Benzo(a)anthracene		9.83		2.0
35	bis(2-Ethylhexyl)phthalate		9.55		2.0
36	Chrysene		11.34		2.0
37	Di-n-octylphthalate		8.27		2.0
38	Benzo(b)fluoranthene		10.29		2.0
39	Benzo(k)fluoranthene		11.48		2.0
40	Benzo(a)pyrene		8.61		2.0
41	Indeno(1,2,3-cd)pyrene		7.68		2.0
42	Dibenz(a,h)anthracene		9.96		2.0
43	Benzo(g,h,i)perylene		10.38		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/20/2002 Time: 15:46:07

Sample: AE05902
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/20/02 15:30 Ended: 3/20/02 15:30 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		51		2.0
2					
3	1,3-Dichlorobenzene		45		2.0
4	1,4-Dichlorobenzene		53		2.0
5	1,2-Dichlorobenzene		62		2.0
6					
7					
8	Hexachloroethane		26		2.0
9	Nitrobenzene		75		2.0
10	Isophorone		87		2.0
11	bis(2-Chloroethoxy)methane		84		2.0
12	1,2,4-Trichlorobenzene		57		2.0
13	Naphthalene		85		2.0
14					
15	2-Chloronaphthalene		78		2.0
16					
17					
18					
19					
20					
21					
22	4-Chlorophenylphenylether		94		2.0
23					
24	Azobenzene/1,2-Diphenylhydraz		91		2.0
25					
26					
27					
28					
29					
30					
31					
32	Pyrene		95		2.0
33					
34					
35					
36					
37					
38					
39					
40					
41	Indeno(1,2,3-cd)pyrene		77		2.0
42					
43					

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File: C:\MSDCHEM\1\DATA\031702\314REF2.D Vial: 18
Acq On : 18 Mar 2002 12:18 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 10:56:27 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	1317659	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3434646	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1926097	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2949257	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2697964	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1627358	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	250950	7.13	ug/L	0.00
Spiked Amount 5.000			Recovery = 142.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	150035	5.07	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	471650	10.11	ug/L	82
4) 1,3 - Dichlorobenze	9.38	146	205883	4.46	ug/L	95
5) 1,4 - Dichlorobenzene	9.59	146	243386	5.29	ug/L	93
6) 1,2 - Dichlorobenzene	9.97	146	265124	6.23	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1073955	10.11	ug/L	100
8) N-Nitroso-di-n-propylamine	10.75	70	367616	10.96	ug/L	98
9) Hexachloroethane	10.86	117	44747	2.59	ug/L	97
11) Nitrobenzene	11.10	77	465825	7.53	ug/L	95
12) Isophorone	11.81	82	987883	8.68	ug/L	100
13) bis(2-Chloroethoxy) methan	12.55	93	579038	8.45	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	225562	5.74	ug/L	99
15) Naphthalene	13.08	128	1213640	8.50	ug/L	100
16) Hexachlorobutadiene	13.53	225	32669	1.49	ug/L	97
18) Hexachlorocyclopentadiene	15.61	237	7632	0.45	ug/L	86
19) 2-chloronaphthalene	16.51	162	690488	7.85	ug/L	97
20) Dimethylphthalate	17.59	163	1048774	9.99	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	188725	8.45	ug/L	97
22) Acenaphthylene	17.70	152	1185848	9.72	ug/L	99
23) Acenaphthene	18.22	153	793009	9.56	ug/L	98
24) 2,4-Dinitrotoluene	18.85	165	256830	8.03	ug/L	99
25) Diethylphthalate	19.72	149	1022977	11.33	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	450220	9.35	ug/L	98
27) Fluorene	19.76	166	1020675	10.44	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1213818	9.11	ug/L	97
30) N-Nitrosodiphenylamine	20.26	169	581283	9.17	ug/L	100
31) 4-Bromophenyl-phenyl ether	21.32	248	273442	10.50	ug/L	99
32) Hexachlorobenzene	21.34	284	266635	9.71	ug/L	94
33) Phenanthrene	22.56	178	1476727	10.81	ug/L	98
34) Anthracene	22.70	178	1357651	10.02	ug/L	99
35) Di-n-butylphthalate	24.64	149	1826223	11.67	ug/L	99
36) Fluoranthene	26.06	202	1699010	10.95	ug/L	100
39) Pyrene	26.69	202	1778911	9.54	ug/L	99
40) Butylbenzylphthalate	29.05	149	743351	9.31	ug/L	99
41) Benzo (a) antracene	30.29	228	1392128	9.83	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1008615	9.55	ug/L	98
43) Chrysene	30.38	228	1525206	11.34	ug/L	99
45) Di-n-Octylphthalate	32.75	149	1445544	8.27	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1179877	10.29	ug/L	99

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

NYC-WTC_000039036

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\314REF2.D Vial: 18
Acq On : 18 Mar 2002 12:18 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 10:56:27 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	1343263	11.48	ug/L	99
48)	Benzo (a) pyrene	34.02	252	843339	8.61	ug/L	99
49)	Indeno (1,2,3-cd) pyrene	36.72	276	433073	7.68	ug/L	99
50)	Dibenz (a,h) anthracene	36.83	278	540108	9.96	ug/L	95
51)	Benzo (g,h,i) perylene	37.38	276	563245	10.38	ug/L	96

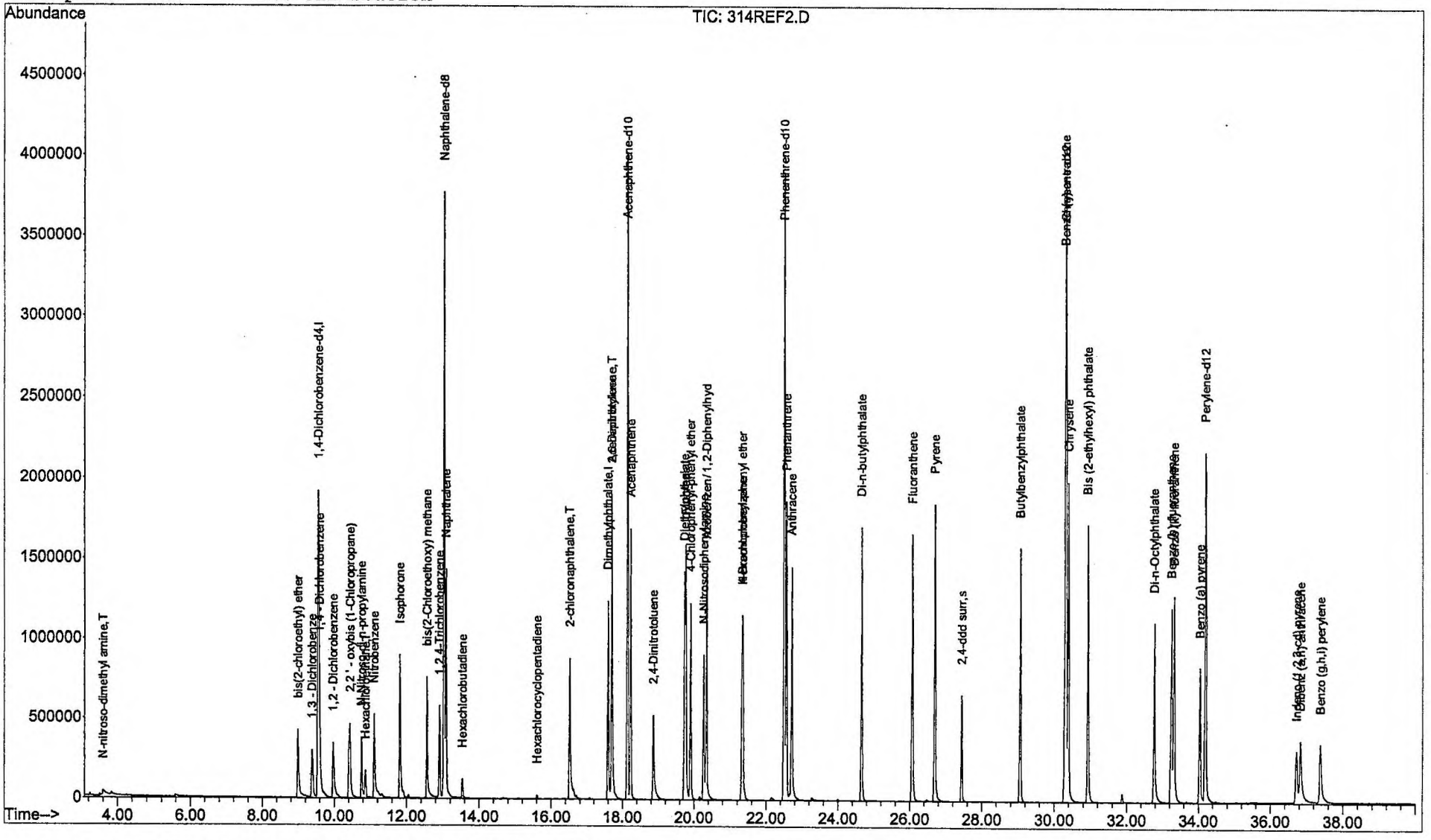
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000039037

NYC-WTC_000039038

Data File : C:\MSDCHEM\1\DATA\031702\314REF2.D Vial: 18
Acq On : 18 Mar 2002 12:18 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 10:56 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



NYC 9/11 Public Portal Document

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\314REF1.D Vial: 17
Acq On : 17 Mar 2002 11:29 pm Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:00:07 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	1419374	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3753969	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2068070	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3231385	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3072550	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1805034	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	283103	7.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 146.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	178735	5.61	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	512250	10.20	ug/L	82
4) 1,3 - Dichlorobenze	9.38	146	208470	4.20	ug/L	97
5) 1,4 - Dichlorobenzene	9.59	146	246958	4.98	ug/L	98
6) 1,2 - Dichlorobenzene	9.96	146	267508	5.83	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1198621	10.47	ug/L	99
8) N-Nitroso-di-n-propylamine	10.75	70	415185	11.49	ug/L	99
9) Hexachloroethane	10.86	117	37622	2.02	ug/L	98
11) Nitrobenzene	11.10	77	531442	7.86	ug/L	94
12) Isophorone	11.81	82	1103314	8.87	ug/L	99
13) bis(2-Chloroethoxy) methan	12.55	93	627351	8.38	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	235289	5.47	ug/L	98
15) Naphthalene	13.08	128	1315968	8.43	ug/L	99
16) Hexachlorobutadiene	13.53	225	25959	1.08	ug/L	92
18) Hexachlorocyclopentadiene	15.61	237	7420	0.41	ug/L	90
19) 2-chloronaphthalene	16.51	162	733300	7.77	ug/L	98
20) Dimethylphthalate	17.59	163	1170102	10.38	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	211963	8.84	ug/L	96
22) Acenaphthylene	17.70	152	1315599	10.04	ug/L	99
23) Acenaphthene	18.22	153	866653	9.73	ug/L	99
24) 2,4-Dinitrotoluene	18.85	165	293982	8.56	ug/L	95
25) Diethylphthalate	19.72	149	1117534	11.52	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	505581	9.78	ug/L	99
27) Fluorene	19.76	166	1124632	10.71	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1345388	9.41	ug/L	96
30) N-Nitrosodiphenylamine	20.26	169	631912	9.10	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	291236	10.21	ug/L	92
32) Hexachlorobenzene	21.34	284	281702	9.36	ug/L	94
33) Phenanthrene	22.56	178	1610121	10.76	ug/L	99
34) Anthracene	22.70	178	1481312	9.97	ug/L	99
35) Di-n-butylphthalate	24.64	149	2000509	11.66	ug/L	99
36) Fluoranthene	26.06	202	1888058	11.10	ug/L	99
39) Pyrene	26.69	202	1963997	9.25	ug/L	97
40) Butylbenzylphthalate	29.05	149	842253	9.26	ug/L	99
41) Benzo (a) antracene	30.29	228	1595826	9.90	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1150523	9.57	ug/L	96
43) Chrysene	30.38	228	1689253	11.02	ug/L	98
45) Di-n-Octylphthalate	32.75	149	1691849	8.73	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1361144	10.70	ug/L	100

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

NYC-WTC_000039039

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\314REF1.D Vial: 17
Acq On : 17 Mar 2002 11:29 pm Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:00:07 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	1529199	11.79	ug/L	98
48) Benzo (a) pyrene	34.02	252	950820	8.75	ug/L	97
49) Indeno (1,2,3-cd) pyrene	36.71	276	471944	7.55	ug/L	97
50) Dibenz (a,h) anthracene	36.83	278	554421	9.22	ug/L	96
51) Benzo (g,h,i) perylene	37.38	276	553308	9.20	ug/L	99

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

NYC-WTC_000039040

NYC-WTC_000039041

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\314REF1.D Vial: 17
Acq On : 17 Mar 2002 11:29 pm Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:00 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