User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/14/2002 Time: 11:11:14

Sample: AE01002
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/14/02 10:22 Ended: 3/14/02 10:22 Analyst: MF
Page: 1

V241 2C batched into 1002

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.22		2.0
2	bis(2-Chloroethyl)ether		7.03		2.0
3	1,3-Dichlorobenzene		2.44		2.0
4	1,4-Dichlorobenzene		2.84		2.0
5	1,2-Dichlorobenzene		3.39		2.0
6	2,2-oxybis(1-Chloropropane)		6.61		2.0
7	n-Nitrosodi-n-propylamine		6.56		2.0
8	Hexachloroethane		1.72		2.0
9	Nitrobenzene		5.48		2.0
10	Isophorone		6.42		2.0
11	bis(2-Chloroethoxy)methane		6.32		2.0
12	1,2,4-Trichlorobenzene		3.28		2.0
13	Naphthalene		5.57		2.0
14	Hexachlorobutadiene		1.08		2.0
15	2-Chloronaphthalene		5.21		2.0
16	Dimethylphthalate		7.31		2.0
17	2,6-Dinitrotoluene		6.10		2.0
18	Acenaphthylene		7.17		2.0
19	Acenaphthene		6.57		2.0
20	2,4-Dinitrotoluene		5.37		2.0
21	Diethylphthalate		8.32		2.0
22	4-Chlorophenylphenylether		6.63		2.0
23	Fluorene		7.51		2.0
24	Azobenzene/1,2-Diphenylhydraz		6.38		2.0
25	n-Nitrosodiphenylamine		7.34		2.0
26	4-Bromophenylphenylether		6.97		2.0
27	Hexachlorobenzene		6.15		2.0
28	Phenanthrene		7.63		2.0
29	Anthracene		7.31		2.0
30	Di-n-butylphthalate		6.67		2.0
31	Fluoranthene		6.99		2.0
32	Pyrene		6.61		2.0
33	Butylbenzylphthalate		5.68		2.0
34	Benzo(a)anthracene		6.07		2.0
35	bis(2-Ethylhexyl)phthalate		6.14		2.0
36	Chrysene		6.62		2.0
37	Di-n-octylphthalate		5.22		2.0
38	Benzo(b)fluoranthene		6.32		2.0
39	Benzo(k)fluoranthene		6.91		2.0
40	Benzo(a)pyrene		5.75		2.0
41	Indeno(1,2,3-cd)pyrene		5.68		2.0
42	Dibenz(a,h)anthracene		6.35		2.0
43	Benzo(g,h,i)perylene		6.57		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/14/2002 Time: 11:20:09

Sample: AE01002
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/14/02 10:22 Ended: 3/14/02 10:22 Analyst: MF
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		42		2.0
2	bis(2-Chloroethyl)ether		70		2.0
3	1,3-Dichlorobenzene		24		2.0
4	1,4-Dichlorobenzene		28		2.0
5	1,2-Dichlorobenzene		34		2.0
6	2,2-oxybis(1-Chloropropane)		66		2.0
7	n-Nitrosodi-n-propylamine		66		2.0
8	Hexachloroethane		17		2.0
9	Nitrobenzene		55		2.0
10	Isophorone		64		2.0
11	bis(2-Chloroethoxy)methane		63		2.0
12	1,2,4-Trichlorobenzene		33		2.0
13	Naphthalene		56		2.0
14					
15	2-Chloronaphthalene		52		2.0
16	Dimethylphthalate		73		2.0
17	2,6-Dinitrotoluene		61		2.0
18	Acenaphthylene		72		2.0
19	Acenaphthene		66		2.0
20	2,4-Dinitrotoluene		54		2.0
21	Diethylphthalate		83		2.0
22	4-Chlorophenylphenylether		66		2.0
23	Fluorene		75		2.0
24	Azobenzene/1,2-Diphenylhydraz		64		2.0
25	n-Nitrosodiphenylamine		73		2.0
26	4-Bromophenylphenylether		70		2.0
27	Hexachlorobenzene		62		2.0
28	Phenanthrene		76		2.0
29	Anthracene		73		2.0
30	Di-n-butylphthalate		67		2.0
31	Fluoranthene		70		2.0
32	Pyrene		66		2.0
33	Butylbenzylphthalate		57		2.0
34	Benzo(a)anthracene		61		2.0
35	bis(2-Ethylhexyl)phthalate		61		2.0
36	Chrysene		66		2.0
37	Di-n-octylphthalate		52		2.0
38	Benzo(b)fluoranthene		63		2.0
39	Benzo(k)fluoranthene		69		2.0
40	Benzo(a)pyrene		58		2.0
41	Indeno(1,2,3-cd)pyrene		57		2.0
42	Dibenz(a,h)anthracene		64		2.0
43	Benzo(g,h,i)perylene		66		2.0

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\022802\0226REFA.D Vial: 3
Acq On : 28 Feb 2002 12:38 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:41:33 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.57	150	1203717	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3092397	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1685957	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2604968	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	2380064	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	1640277	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	160671	3.89	ug/L	0.00
Spiked Amount 5.000			Recovery = 77.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.63	74	153454	4.22	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	400580	7.03	ug/L	80
4) 1,3 - Dichlorobenze	9.41	146	131106	2.44	ug/L	98
5) 1,4 - Dichlorobenzene	9.62	146	151605	2.84	ug/L	97
6) 1,2 - Dichlorobenzene	10.00	146	168059	3.39	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.45	45	911336	6.61	ug/L	98
8) N-Nitroso-di-n-propylamine	10.79	70	286585	6.56	ug/L	97
9) Hexachloroethane	10.89	117	23338	1.08	ug/L	94
11) Nitrobenzene	11.13	77	395045	5.48	ug/L	95
12) Isophorone	11.84	82	844648	6.42	ug/L	100
13) bis(2-Chloroethoxy) methan	12.58	93	503667	6.32	ug/L	98
14) 1,2,4-Trichlorobenzene	12.93	180	144452	3.28	ug/L	100
15) Naphthalene	13.11	128	906359	5.57	ug/L	99
16) Hexachlorobutadiene	13.56	225	14852	0.61	ug/L	95
18) Hexachlorocyclopentadiene	15.64	237	4247m	0.26	ug/L	
19) 2-chloronaphthalene	16.54	162	501741	5.21	ug/L	99
20) Dimethylphthalate	17.62	163	840498	7.31	ug/L	99
21) 2,6-Dinitrotoluene	17.72	165	143019	6.10	ug/L	96
22) Acenaphthylene	17.72	152	950058	7.17	ug/L	99
23) Acenaphthene	18.25	153	604874	6.57	ug/L	97
24) 2,4-Dinitrotoluene	18.88	165	180847	5.37	ug/L	99
25) Diethylphthalate	19.76	149	819092	8.32	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.93	204	339553	6.63	ug/L	98
27) Fluorene	19.78	166	788063	7.51	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.37	77	959775	6.38	ug/L	98
30) N-Nitrosodiphenylamine	20.29	169	510348	7.34	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.35	248	191743	6.97	ug/L	97
32) Hexachlorobenzene	21.37	284	174184	6.15	ug/L	96
33) Phenanthrene	22.59	178	1152355	7.63	ug/L	100
34) Anthracene	22.74	178	1060211	7.31	ug/L	98
35) Di-n-butylphthalate	24.68	149	1164027	6.67	ug/L	99
36) Fluoranthene	26.09	202	1214825	6.99	ug/L	99
39) Pyrene	26.71	202	1278288	6.61	ug/L	97
40) Butylbenzylphthalate	29.08	149	470746	5.68	ug/L	98
41) Benzo (a) antracene	30.31	228	947629	6.07	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.95	149	663140	6.14	ug/L	98
43) Chrysene	30.40	228	1008315	6.62	ug/L	97
45) Di-n-Octylphthalate	32.79	149	877705	5.22	ug/L	99
46) Benzo (b) fluoranthene	33.26	252	867665	6.32	ug/L	99

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

use 10

NYC-WTC_000052519

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\022802\0226REFA.D Vial: 3
Acq On : 28 Feb 2002 12:38 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:41:33 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	33.33	252	965069	6.91 ug/L	98
48)	Benzo (a) pyrene	34.06	252	698931	5.75 ug/L	98
49)	Indeno (1,2,3-cd) pyrene	36.74	276	499592	5.68 ug/L	99
50)	Dibenz (a,h) anthracene	36.86	278	561360	6.35 ug/L	98
51)	Benzo (g,h,i) perylene	37.42	276	580926	6.57 ug/L	100

(#) = qualifier out of range (m) = manual integration
0226REFA.D 5080202.M Wed Mar 13 06:42:09 2002 Page 2

NYC-WTC_000052520

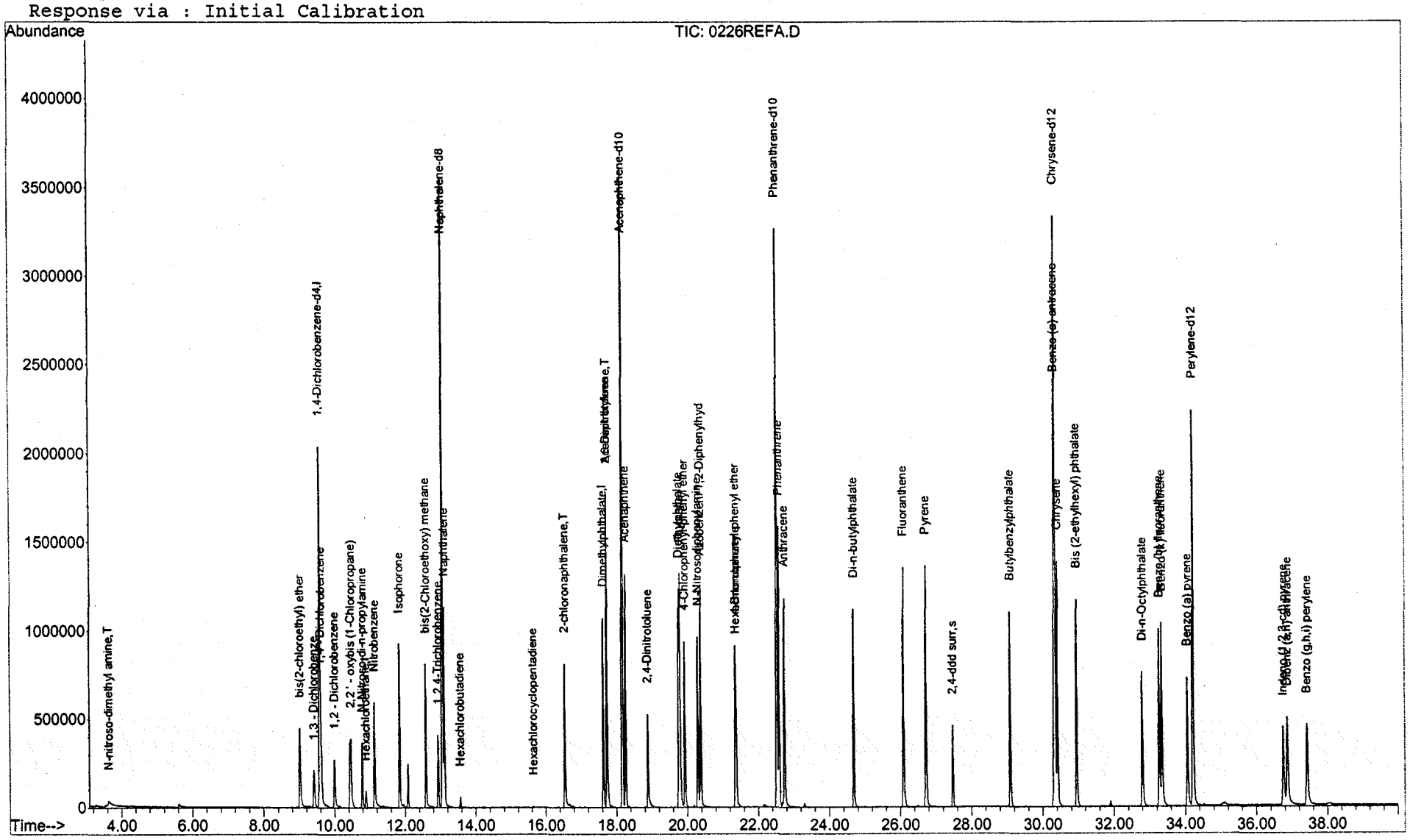
NYC-WTC_000052521

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\0226REFA.D Vial: 3
Acq On : 28 Feb 2002 12:38 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 6:41 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\022802\0227REBA.D Vial: 4
Acq On : 28 Feb 2002 1:27 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:42:26 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1094918	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2777326	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	1559550	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2388757	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	2197737	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	1477183	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	194782	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.62	74	137621	4.16	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	384281	7.41	ug/L	82
4) 1,3 - Dichlorobenze	9.41	146	160117	3.27	ug/L	97
5) 1,4 - Dichlorobenzene	9.62	146	185612	3.82	ug/L	94
6) 1,2 - Dichlorobenzene	10.00	146	194524	4.32	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	901022	7.19	ug/L	99
8) N-Nitroso-di-n-propylamine	10.79	70	294987	7.42	ug/L	90
9) Hexachloroethane	10.89	117	33727	1.72	ug/L	98
11) Nitrobenzene	11.13	77	392729	6.07	ug/L	97
12) Isophorone	11.84	82	885223	7.50	ug/L	98
13) bis(2-Chloroethoxy) methan	12.58	93	501803	7.01	ug/L	98
14) 1,2,4-Trichlorobenzene	12.93	180	169600	4.29	ug/L	98
15) Naphthalene	13.11	128	965908	6.61	ug/L	99
16) Hexachlorobutadiene	13.56	225	22887	1.04	ug/L	96
18) Hexachlorocyclopentadiene	15.64	237	6694	0.44	ug/L	92
19) 2-chloronaphthalene	16.54	162	552689	6.20	ug/L	98
20) Dimethylphthalate	17.62	163	838073	7.88	ug/L	99
21) 2,6-Dinitrotoluene	17.72	165	142847	6.58	ug/L	94
22) Acenaphthylene	17.72	152	976506	7.97	ug/L	100
23) Acenaphthene	18.25	153	642238	7.54	ug/L	99
24) 2,4-Dinitrotoluene	18.88	165	186980	6.00	ug/L	100
25) Diethylphthalate	19.75	149	829207	9.10	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.92	204	362248	7.65	ug/L	97
27) Fluorene	19.78	166	825626	8.51	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.37	77	999914	7.19	ug/L	97
30) N-Nitrosodiphenylamine	20.29	169	491775	7.71	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.34	248	212890	8.44	ug/L	96
32) Hexachlorobenzene	21.37	284	221072	8.52	ug/L	97
33) Phenanthrene	22.59	178	1193877	8.62	ug/L	98
34) Anthracene	22.73	178	1147157	8.63	ug/L	99
35) Di-n-butylphthalate	24.68	149	1428638	8.93	ug/L	99
36) Fluoranthene	26.09	202	1372685	8.62	ug/L	98
39) Pyrene	26.71	202	1453983	8.14	ug/L	98
40) Butylbenzylphthalate	29.08	149	573807	7.50	ug/L	97
41) Benzo (a) antracene	30.31	228	1146662	7.95	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.94	149	809555	8.12	ug/L	100
43) Chrysene	30.40	228	1239980	8.82	ug/L	99
45) Di-n-Octylphthalate	32.78	149	1109013	7.32	ug/L	99
46) Benzo (b) fluoranthene	33.26	252	1061688	8.59	ug/L	99

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

NYC-WTC_000052522

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\022802\0227REBA.D Vial: 4
Acq On : 28 Feb 2002 1:27 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:42:26 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.33	252	1144766	9.10	ug/L	98
48)	Benzo (a) pyrene	34.06	252	814906	7.45	ug/L	99
49)	Indeno (1,2,3-cd) pyrene	36.74	276	528984	6.68	ug/L	98
50)	Dibenz (a,h) anthracene	36.85	278	589481	7.41	ug/L	99
51)	Benzo (g,h,i) perylene	37.42	276	568479	7.14	ug/L	99

(#) = qualifier out of range (m) = manual integration
0227REBA.D 5080202.M Wed Mar 13 06:42:44 2002 Page 2

NYC-WTC_000052523

NYC-WTC_000052524

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\0227REBA.D Vial: 4
Acq On : 28 Feb 2002 1:27 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 6:42 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration