User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 11:22:19

Sample: AE09570
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/14/02 09:50 Ended: 5/14/02 09:50 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.99		2.0
2	bis(2-Chloroethyl)ether		14.67		2.0
3	1,3-Dichlorobenzene		13.06		2.0
4	1,4-Dichlorobenzene		13.41		2.0
5	1,2-Dichlorobenzene		14.66		2.0
6	2,2-oxybis(1-Chloropropane)		15.50		2.0
7	n-Nitrosodi-n-propylamine		15.28		2.0
8	Hexachloroethane		11.01		2.0
9	Nitrobenzene		14.24		2.0
10	Isophorone		17.33		2.0
11	bis(2-Chloroethoxy)methane		15.37		2.0
12	1,2,4-Trichlorobenzene		14.60		2.0
13	Naphthalene		16.44		2.0
14	Hexachlorobutadiene		12.75		2.0
15	2-Chloronaphthalene		17.53		2.0
16	Dimethylphthalate		15.75		2.0
17	2,6-Dinitrotoluene		14.17		2.0
18	Acenaphthylene		14.80		2.0
19	Acenaphthene		17.04		2.0
20	2,4-Dinitrotoluene		12.29		2.0
21	Diethylphthalate		18.04		2.0
22	4-Chlorophenylphenylether		16.34		2.0
23	Fluorene		17.52		2.0
24	Azobenzene		15.29		2.0
25	n-Nitrosodiphenylamine		17.63		2.0
26	4-Bromophenylphenylether		17.16		2.0
27	Hexachlorobenzene		17.59		2.0
28	Phenanthrene		16.93		2.0
29	Anthracene		15.40		2.0
30	Di-n-butylphthalate		16.39		2.0
31	Fluoranthene		16.40		2.0
32	Pyrene		17.44		2.0
33	Butylbenzylphthalate		12.09		2.0
34	Benzo(a)anthracene		14.89		2.0
35	bis(2-Ethylhexyl)phthalate		11.91		2.0
36	Chrysene		16.12		2.0
37	Di-n-octylphthalate		10.06		2.0
38	Benzo(b)fluoranthene		15.36		2.0
39	Benzo(k)fluoranthene		17.46		2.0
40	Benzo(a)pyrene		11.89		2.0
41	Indeno(1,2,3-cd)pyrene		9.76		2.0
42	Dibenz(a,h)anthracene		14.05		2.0
43	Benzo(g,h,i)perylene		16.26		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 11:22:15

Sample: AE09570
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/14/02 09:50 Ended: 5/14/02 09:50 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		40		2.0
2	bis(2-Chloroethyl)ether		73		2.0
3	1,3-Dichlorobenzene		65		2.0
4	1,4-Dichlorobenzene		67		2.0
5	1,2-Dichlorobenzene		73		2.0
6	2,2-oxybis(1-Chloropropane)		78		2.0
7	n-Nitrosodi-n-propylamine		76		2.0
8	Hexachloroethane		55		2.0
9	Nitrobenzene		71		2.0
10	Isophorone		87		2.0
11	bis(2-Chloroethoxy)methane		77		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		82		2.0
14	Hexachlorobutadiene		64		2.0
15	2-Chloronaphthalene		88		2.0
16	Dimethylphthalate		79		2.0
17	2,6-Dinitrotoluene		71		2.0
18	Acenaphthylene		74		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		61		2.0
21	Diethylphthalate		90		2.0
22	4-Chlorophenylphenylether		82		2.0
23	Fluorene		88		2.0
24	Azobenzene		76		2.0
25	n-Nitrosodiphenylamine		88		2.0
26	4-Bromophenylphenylether		86		2.0
27	Hexachlorobenzene		88		2.0
28	Phenanthrene		85		2.0
29	Anthracene		77		2.0
30	Di-n-butylphthalate		82		2.0
31	Fluoranthene		82		2.0
32	Pyrene		87		2.0
33	[illegible]		[illegible]		
34	Benzo(a)anthracene		74		2.0
35	[illegible]		[illegible]		
36	Chrysene		81		2.0
37	[illegible]		[illegible]		
38	Benzo(b)fluoranthene		77		2.0
39	Benzo(k)fluoranthene		87		2.0
40	Benzo(a)pyrene		59		2.0
41	Indeno(1,2,3-cd)pyrene		49		2.0
42	Dibenz(a,h)anthracene		70		2.0
43	Benzo(g,h,i)perylene		81		2.0

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\050902\0508REF1.D Vial: 5
Acq On : 9 May 2002 6:32 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:09:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	6388823	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	25629728	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13907107	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	20317161	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	15148009	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	11060475	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2808485	33.26	ug/L	0.00
Spiked Amount 40.000			Recovery = 83.15%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	1046544	7.99	ug/L #	79
3) bis(2-Chloroethyl)ether	9.35	93	3666678	14.67	ug/L	89
4) 1,3-Dichlorobenzene	9.77	146	3322443	13.06	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	3509958	13.41	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	3411134	14.66	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.81	45	5973490m	15.50	ug/L	
8) N-nitroso-di-propylamine	11.14	70	2707373	15.28	ug/L	97
9) Hexachloroethane	11.26	117	1062557	11.01	ug/L	93
11) Nitrobenzene	11.49	77	3530229	14.24	ug/L	94
12) Isophorone	12.21	82	7742299	17.33	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	4546764	15.37	ug/L	100
14) 1,2,4-Trichlorobenzene	13.30	180	2742438	14.60	ug/L	97
15) Napthalene	13.49	128	11285257	16.44	ug/L	98
16) Hexachlorobutadiene	13.93	225	1121699	12.75	ug/L	99
18) 2-Chloronaphthalene	16.93	162	6216625	17.53	ug/L	98
19) Dimethylphthalate	18.01	163	7158152	15.75	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	1012720	14.17	ug/L	91
21) Acenapthylene	18.13	152	9706499	14.80	ug/L	97
22) Acenapthalene	18.66	153	6445691	17.04	ug/L	98
23) 2,4-Dinitrotoluene	19.28	165	1243155	12.29	ug/L	94
24) Diethylphthalate	20.15	149	7131534	18.04	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	3413391	16.34	ug/L	99
26) Fluorene	20.20	166	7580210	17.52	ug/L	98
28) Azobenzene	20.78	77	7973813	15.29	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	4395437	17.63	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	1722531	17.16	ug/L	97
32) Hexachlorobenzene	21.79	284	1690192	17.59	ug/L	98
33) Phenanthrene	23.02	178	10377409	16.93	ug/L	97
34) Anthracene	23.17	178	9656710	15.40	ug/L	98
35) Di-n-butylphthalate	25.09	149	11028701	16.39	ug/L	100

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

NYC-WTC_000022996

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\050902\0508REF1.D Vial: 5
Acq On : 9 May 2002 6:32 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:09:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.54	202	10302677	16.40	ug/L	98
38)	Pyrene	27.17	202	10844680	17.44	ug/L	97
39)	Butylbenzylphthalate	29.53	149	3351402	12.09	ug/L	98
40)	Benzo(a)anthracene	30.79	228	7373805	14.89	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.39	149	4144394	11.07	ug/L	99
42)	Chrysene	30.88	228	8266042m	16.12	ug/L	
44)	Di-n-octylphthalate	33.24	149	4312731	8.83	ug/L	99
45)	Benzo(b)fluoranthene	33.75	252	6056214	15.12	ug/L	98
46)	Benzo(k)fluoranthene	33.83	252	8784121	17.46	ug/L	99
47)	Benzo(a)pyrene	34.55	252	4720301m	11.81	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2735022	9.76	ug/L	100
49)	Dibenz(a,h)anthracene	37.51	278	4186227	14.05	ug/L	98
50)	Benzo(g,h,i)perylene	38.13	276	5087512	16.26	ug/L	99

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

NYC-WTC_000022997

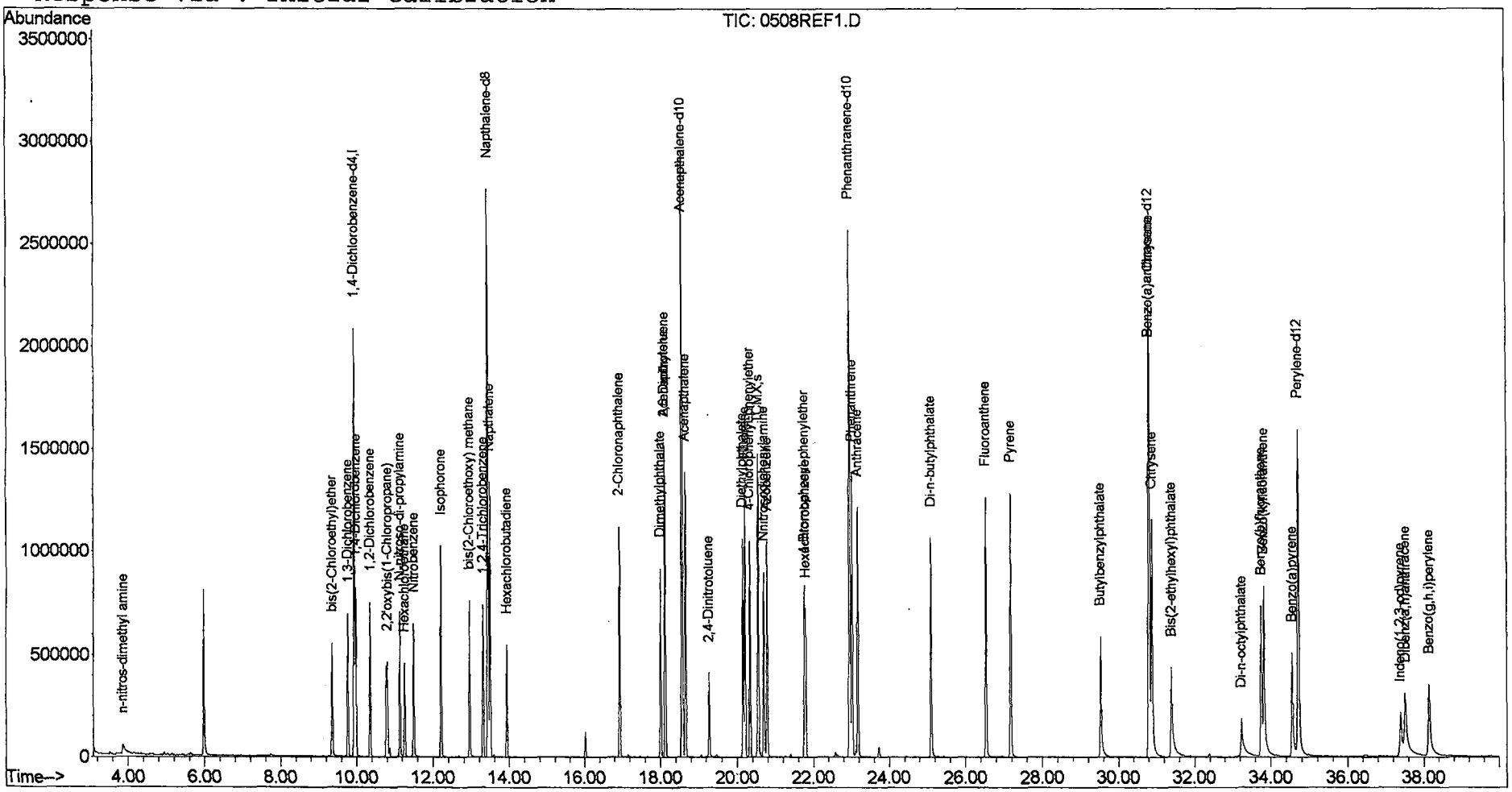
NYC-WTC_000022998

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\0508REF1.D Vial: 5
Acq On : 9 May 2002 6:32 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:09 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\050902\0508REF2.D Vial: 6
Acq On : 9 May 2002 7:21 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:09:42 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	8065426	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	32566748	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	17654067	40.00	ug/L	0.01
29) Phenanthranene-d10	22.96	188	25751750	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	18816743	40.00	ug/L	0.01
43) Perylene-d12	34.71	264	13143491	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	3340626	31.17	ug/L	0.01
Spiked Amount 40.000			Recovery = 77.92%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	1242016	7.52	ug/L #	84
3) bis(2-Chloroethyl)ether	9.35	93	4505780	14.28	ug/L	88
4) 1,3-Dichlorobenzene	9.77	146	4094563	12.75	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	4294944	13.00	ug/L	98
6) 1,2-Dichlorobenzene	10.36	146	4216009	14.36	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.81	45	7219585m	14.84	ug/L	
8) N-nitroso-di-propylamine	11.14	70	3349932	14.97	ug/L	97
9) Hexachloroethane	11.26	117	1289386	10.58	ug/L	93
11) Nitrobenzene	11.49	77	4414849	14.01	ug/L	94
12) Isophorone	12.21	82	9583377	16.89	ug/L	98
13) bis(2-Chloroethoxy) methan	12.95	93	5562139	14.79	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	3318216	13.91	ug/L	99
15) Napthalene	13.49	128	13575485	15.56	ug/L	98
16) Hexachlorobutadiene	13.93	225	1335059	11.94	ug/L	99
18) 2-Chloronaphthalene	16.93	162	7483183	16.62	ug/L	98
19) Dimethylphthalate	18.01	163	8842543	15.32	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	1335243	14.72	ug/L	89
21) Acenapthylene	18.13	152	11584893	13.91	ug/L	98
22) Acenapthalene	18.66	153	7695902	16.03	ug/L	98
23) 2,4-Dinitrotoluene	19.28	165	1697262	13.22	ug/L	95
24) Diethylphthalate	20.15	149	8617262	17.18	ug/L	97
25) 4-Chlorophenyl-phenylether	20.33	204	4091526	15.43	ug/L	98
26) Fluorene	20.20	166	9151632	16.67	ug/L	98
28) Azobenzene	20.78	77	9708854	14.66	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	5275218	16.69	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	2078846	16.34	ug/L	98
32) Hexachlorobenzene	21.79	284	2027477	16.65	ug/L	97
33) Phenanthrene	23.02	178	12341451	15.89	ug/L	97
34) Anthracene	23.17	178	11630897	14.64	ug/L	98
35) Di-n-butylphthalate	25.09	149	13498781	15.82	ug/L	100

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

NYC-WTC_000022999

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\050902\0508REF2.D Vial: 6
Acq On : 9 May 2002 7:21 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:09:42 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.54	202	12362128	15.52	ug/L		98
38)	Pyrene	27.17	202	12993083	16.82	ug/L		98
39)	Butylbenzylphthalate	29.53	149	4464248	12.97	ug/L		94
40)	Benzo(a)anthracene	30.79	228	8962904	14.57	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	5541650	11.91	ug/L		97
42)	Chrysene	30.88	228	10254775m	16.10	ug/L		
44)	Di-n-octylphthalate	33.24	149	5837698	10.06	ug/L	#	97
45)	Benzo(b)fluoranthene	33.75	252	7308194	15.36	ug/L		97
46)	Benzo(k)fluoranthene	33.83	252	10068550	16.84	ug/L		98
47)	Benzo(a)pyrene	34.55	252	5647316m	11.89	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.39	276	3145794	9.45	ug/L		99
49)	Dibenz(a,h)anthracene	37.51	278	4384964m	12.38	ug/L		
50)	Benzo(g,h,i)perylene	38.13	276	5439604m	14.63	ug/L		

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

NYC-WTC_000023000

NYC-WTC_000023001

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\0508REF2.D Vial: 6
Acq On : 9 May 2002 7:21 pm Operator: Mclean
Sample : 5/8 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:10 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration