User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 14:30:36

Sample: AE10241
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/14/02 14:25 Ended: 5/16/02 14:25 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.8		2.0
2	bis(2-Chloroethyl)ether		17		2.0
3	1,3-Dichlorobenzene		15		2.0
4	1,4-Dichlorobenzene		14		2.0
5	1,2-Dichlorobenzene		16		2.0
6	2,2-oxybis(1-Chloropropane)		18		2.0
7	n-Nitrosodi-n-propylamine		18		2.0
8	Hexachloroethane		11		2.0
9	Nitrobenzene		17		2.0
10	Isophorone		19		2.0
11	bis(2-Chloroethoxy)methane		17		2.0
12	1,2,4-Trichlorobenzene		16		2.0
13	Naphthalene		18		2.0
14	Hexachlorobutadiene		11		2.0
15	2-Chloronaphthalene		19		2.0
16	Dimethylphthalate		18		2.0
17	2,6-Dinitrotoluene		18		2.0
18	Acenaphthylene		16		2.0
19	Acenaphthene		18		2.0
20	2,4-Dinitrotoluene		16		2.0
21	Diethylphthalate		20		2.0
22	4-Chlorophenylphenylether		18		2.0
23	Fluorene		19		2.0
24	Azobenzene		17		2.0
25	n-Nitrosodiphenylamine		19		2.0
26	4-Bromophenylphenylether		17		2.0
27	Hexachlorobenzene		18		2.0
28	Phenanthrene		18		2.0
29	Anthracene		16		2.0
30	Di-n-butylphthalate		19		2.0
31	Fluoranthene		18		2.0
32	Pyrene		19		2.0
33	Butylbenzylphthalate		18		2.0
34	Benzo(a)anthracene		18		2.0
35	bis(2-Ethylhexyl)phthalate		17		2.0
36	Chrysene		18		2.0
37	Di-n-octylphthalate		15		2.0
38	Benzo(b)fluoranthene		18		2.0
39	Benzo(k)fluoranthene		19		2.0
40	Benzo(a)pyrene		14		2.0
41	Indeno(1,2,3-cd)pyrene		12		2.0
42	Dibenz(a,h)anthracene		14		2.0
43	Benzo(g,h,i)perylene		16		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 14:30:41

Sample: AE10241
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/14/02 14:25 Ended: 5/16/02 14:25 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		29		2.0
2	bis(2-Chloroethyl)ether		85		2.0
3	1,3-Dichlorobenzene		75		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		80		2.0
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		90		2.0
8	Hexachloroethane		55		2.0
9	Nitrobenzene		85		2.0
10	Isophorone		95		2.0
11	bis(2-Chloroethoxy)methane		85		2.0
12	1,2,4-Trichlorobenzene		80		2.0
13	Naphthalene		90		2.0
14	Hexachlorobutadiene		55		2.0
15	2-Chloronaphthalene		95		2.0
16	Dimethylphthalate		90		2.0
17	2,6-Dinitrotoluene		90		2.0
18	Acenaphthylene		80		2.0
19	Acenaphthene		90		2.0
20	2,4-Dinitrotoluene		80		2.0
21	Diethylphthalate		100		2.0
22	4-Chlorophenylphenylether		90		2.0
23	Fluorene		95		2.0
24	Azobenzene		85		2.0
25	n-Nitrosodiphenylamine		95		2.0
26	4-Bromophenylphenylether		85		2.0
27	Hexachlorobenzene		90		2.0
28	Phenanthrene		90		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		95		2.0
31	Fluoranthene		90		2.0
32	Pyrene		95		2.0
33	Butylbenzylphthalate		90		2.0
34	Benzo(a)anthracene		90		2.0
35	bis(2-Ethylhexyl)phthalate		85		2.0
36	Chrysene		90		2.0
37	Di-n-octylphthalate		75		2.0
38	Benzo(b)fluoranthene		90		2.0
39	Benzo(k)fluoranthene		95		2.0
40	Benzo(a)pyrene		70		2.0
41	Indeno(1,2,3-cd)pyrene		60		2.0
42	Dibenz(a,h)anthracene		70		2.0
43	Benzo(g,h,i)perylene		80		2.0

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF2.D Vial: 9
Acq On : 16 May 2002 5:16 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:37:19 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	308015	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1171809	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	631330	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1080903	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	863650	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	509113	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	168583	33.43	ug/l	-0.02
Spiked Amount 40.000			Recovery = 83.58%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.00	74	28559m	5.82	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	200081	16.79	ug/l	100
4) 1.3-Dichlorbenzene	11.11	146	147348	14.82	ug/l	99
5) 1,4-Dichlorobenzene	11.43	146	151889	13.99	ug/l	97
6) 1,2-Dichlorobenzene	11.95	146	150879	16.01	ug/l	96
7) 2,2'oxybis(1-Chloropropane	12.74	45	336588m	17.68	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	154698	18.15	ug/l	96
9) Hexachloroethane	13.26	119	53154	11.28	ug/l	96
11) Nitrobenzene	13.67	77	240475	17.10	ug/l	97
12) Isophorone	14.78	82	474698	19.37	ug/l	98
13) bis(2-Chloroethoxy) methan	16.02	93	250285	17.19	ug/l	99
14) 1,2,4-Trichlorobenzene	16.38	180	130461	15.52	ug/l	99
15) Naphthalene	16.62	128	523443	17.82	ug/l	99
16) Hexachlorobutadiene	17.39	225	54722	11.22	ug/l	98
18) 2-Chloronaphthalene	21.92	162	286495	19.06	ug/l	99
19) Acenaphthylene	23.75	152	472459	16.11	ug/l	97
20) Dimethyl phthalate	23.84	163	354624	18.08	ug/l	99
21) 2,6-Dinitrotoluene	23.96	77	31052	18.39	ug/l	92
22) Acenaphthene	24.60	153	308657	18.16	ug/l	96
23) 2,4-Dinitrotoluene	25.73	165	73232	16.22	ug/l	100
24) Fluorene	27.00	166	368528	18.85	ug/l	99
25) Diethyl phthalate	27.22	149	394953	20.03	ug/l	96
26) 4-Chlorophenyl-phenylether	27.35	204	170106	17.56	ug/l	96
28) N-Nitrosodiphenylamine	27.94	168	118439	18.59	ug/l	96
29) Azobenzene	28.03	77	502596	16.68	ug/l	99
31) Hexachlorobenzene	29.59	284	105406	18.49	ug/l	99
32) 4-Bromophenyl-phenylether	29.71	248	97067	17.39	ug/l	93
33) Phenanthrene	31.81	178	501476	18.24	ug/l	99
34) Anthracene	32.04	178	453952	16.30	ug/l	99
35) Di-n-butylphthalate	34.80	149	637189	18.52	ug/l	100

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

NYC-WTC_000024764

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF2.D Vial: 9
Acq On : 16 May 2002 5:16 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:37:19 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoranthene	36.05	202	559696	18.07	ug/l	96
39)	Pyrene	36.66	202	586703	19.42	ug/l	97
40)	Buthylbenzylphthalate	38.93	149	255871	17.61	ug/l	98
41)	Benz(a)anthracene	39.92	228	469737	17.54	ug/l	100
42)	Chrysene	39.99	228	463072	18.37	ug/l	99
43)	Bis(2-ethylhexyl)phthalate	40.52	149	317806	17.18	ug/l	97
45)	Di-n-Octyl phthalate	42.03	149	405577	14.63	ug/l	98
46)	Benzo(b)fluoranthene	42.37	252	356071	18.03	ug/l	99
47)	Benzo(k)fluoranthene	42.43	252	382334	18.92	ug/l	95
48)	Benzo(a)pyrene	43.02	252	265464	14.03	ug/l	100
49)	Indeno(1,2,3-cd)pyrene	45.22	276	165282	11.80	ug/l	96
50)	Dibenz(a,h)anthracene	45.32	278	183313	13.80	ug/l	99
51)	Benzo(ghi)perylene	45.77	276	217438	16.20	ug/l	94

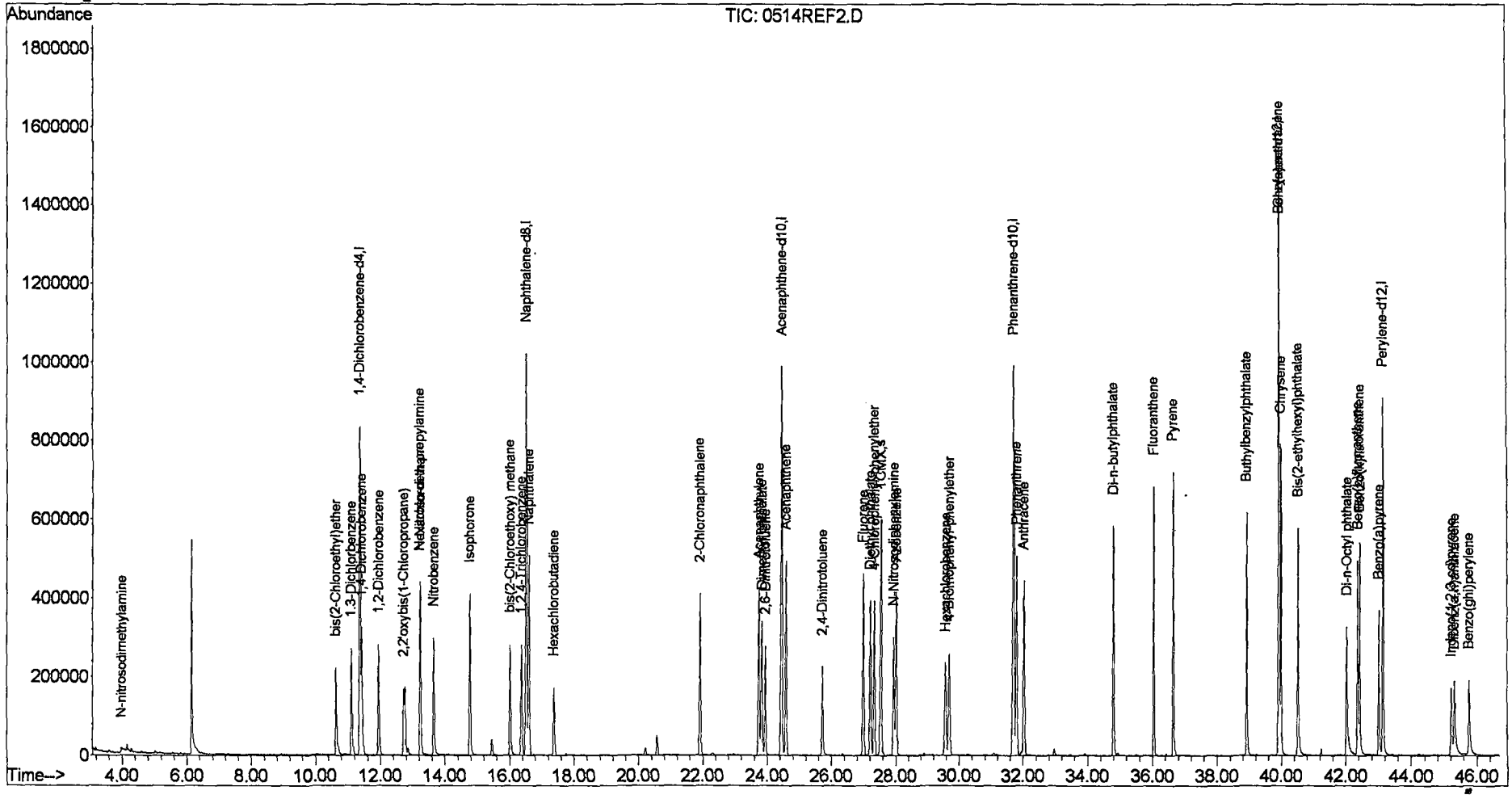
(#) = qualifier out of range (m) = manual integration (+) = signals summed

NYC-WTC_000024765

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF2.D Vial: 9
Acq On : 16 May 2002 5:16 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:37 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document
NYC-WTC_000024766

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF1.D Vial: 8
Acq On : 16 May 2002 4:17 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:36:32 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.37	152	300062	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1134378	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	603110	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1031868	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	823505	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	481954	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	163210	33.88	ug/l	-0.02
Spiked Amount 40.000			Recovery = 84.70%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.04	74	26080m	5.45	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	184331	15.88	ug/l	98
4) 1.3-Dichlorbenzene	11.11	146	136245	14.06	ug/l	97
5) 1,4-Dichlorobenzene	11.43	146	140444	13.28	ug/l	98
6) 1,2-Dichlorobenzene	11.96	146	140132	15.26	ug/l	98
7) 2,2'oxybis(1-Chloropropane	12.78	45	315829m	17.03	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	142935	17.21	ug/l	96
9) Hexachloroethane	13.26	119	46472	10.13	ug/l	92
11) Nitrobenzene	13.67	77	227786	16.73	ug/l	97
12) Isophorone	14.78	82	450179	18.98	ug/l	99
13) bis(2-Chloroethoxy) methan	16.02	93	228944	16.24	ug/l	99
14) 1,2,4-Trichlorobenzene	16.38	180	124385	15.29	ug/l	96
15) Naphthalene	16.62	128	490418	17.25	ug/l	98
16) Hexachlorobutadiene	17.40	225	52032	11.02	ug/l	98
18) 2-Chloronaphthalene	21.92	162	271225	18.89	ug/l	99
19) Acenaphthylene	23.75	152	449903	16.06	ug/l	99
20) Dimethyl phthalate	23.84	163	331472	17.70	ug/l	99
21) 2,6-Dinitrotoluene	23.95	77	28202	17.49	ug/l	91
22) Acenaphthene	24.59	153	292729	18.02	ug/l	98
23) 2,4-Dinitrotoluene	25.73	165	69356m	16.08	ug/l	
24) Fluorene	27.01	166	347947	18.63	ug/l	100
25) Diethyl phthalate	27.22	149	374592	19.89	ug/l	99
26) 4-Chlorophenyl-phenylether	27.34	204	161067	17.41	ug/l	97
28) N-Nitrosodiphenylamine	27.94	168	114147	18.75	ug/l	97
29) Azobenzene	28.02	77	476981	16.57	ug/l	98
31) Hexachlorobenzene	29.59	284	99936	18.36	ug/l	98
32) 4-Bromophenyl-phenylether	29.71	248	93614	17.57	ug/l	86
33) Phenanthrene	31.81	178	471647	17.97	ug/l	99
34) Anthracene	32.04	178	430910	16.21	ug/l	99
35) Di-n-butylphthalate	34.81	149	642043	19.55	ug/l	99

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

NYC-WTC_000024767

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF1.D Vial: 8
Acq On : 16 May 2002 4:17 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:36:32 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoranthene	36.05	202	532686	18.01 ug/l	98
39)	Pyrene	36.66	202	562574	19.53 ug/l	98
40)	Buthylbenzylphthalate	38.93	149	248007	17.90 ug/l	95
41)	Benz(a)anthracene	39.91	228	448151	17.55 ug/l	100
42)	Chrysene	39.99	228	443229	18.44 ug/l	98
43)	Bis(2-ethylhexyl)phthalate	40.52	149	297957	16.89 ug/l	99
45)	Di-n-Octyl phthalate	42.03	149	390181	14.87 ug/l	98
46)	Benzo(b)fluoranthene	42.37	252	340508	18.22 ug/l	99
47)	Benzo(k)fluoranthene	42.43	252	362758	18.97 ug/l	99
48)	Benzo(a)pyrene	43.02	252	246617	13.77 ug/l	99
49)	Indeno(1,2,3-cd)pyrene	45.22	276	154417	11.64 ug/l	98
50)	Dibenz(a,h)anthracene	45.32	278	163722	13.02 ug/l	99
51)	Benzo(ghi)perylene	45.77	276	187204	14.74 ug/l	97

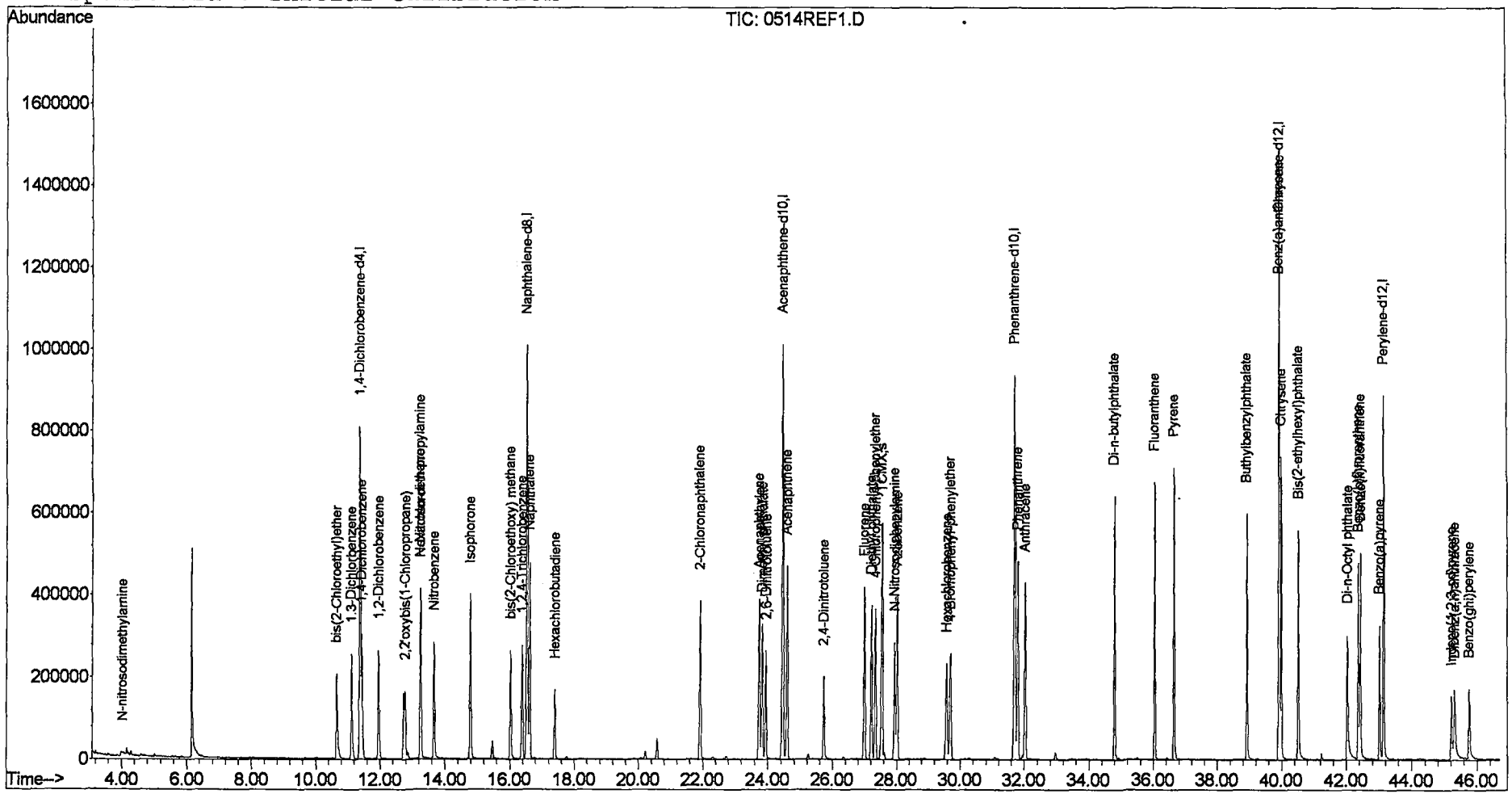
(#) = qualifier out of range (m) = manual integration (+) = signals summed

NYC-WTC_000024768

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\0514REF1.D Vial: 8
Acq On : 16 May 2002 4:17 pm Operator: Nefliu
Sample : 05/14 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:36 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document
NYC-WTC_000024769