User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:43:26

Sample: AE08430
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/9/20 00:05 Ended: 5/9/20 00:05 Analyst: MG
Result source: c:\hpchem\1\data\may0902\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		12	2.0
2	bis(2-Chloroethyl)ether		17	2.0
3	1,3-Dichlorobenzene		13	2.0
4	1,4-Dichlorobenzene		13	2.0
5	1,2-Dichlorobenzene		15	2.0
6	2,2-oxybis(1-Chloropropane)		18	2.0
7	n-Nitrosodi-n-propylamine		17	2.0
8	Hexachloroethane		9.1	2.0
9	Nitrobenzene		17	2.0
10	Isophorone		20	2.0
11	bis(2-Chloroethoxy)methane		18	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		18	2.0
14	Hexachlorobutadiene		9.2	2.0
15	2-Chloronaphthalene		19	2.0
16	Dimethylphthalate		18	2.0
17	2,6-Dinitrotoluene		17	2.0
18	Acenaphthylene		16	2.0
19	Acenaphthene		18	2.0
20	2,4-Dinitrotoluene		18	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		18	2.0
31	Fluoranthene		17	2.0
32	Pyrene		19	2.0
33	Butylbenzylphthalate		17	2.0
34	Benzo(a)anthracene		17	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		17	2.0
39	Benzo(k)fluoranthene		18	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		15	2.0
42	Dibenz(a,h)anthracene		16	2.0
43	Benzo(g,h,i)perylene		17	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:43:34

Sample: AE08430
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/9/20 00:05 Ended: 5/9/20 00:05 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		60	2.0
2	bis(2-Chloroethyl)ether		85	2.0
3	1,3-Dichlorobenzene		65	2.0
4	1,4-Dichlorobenzene		65	2.0
5	1,2-Dichlorobenzene		75	2.0
6	2,2-oxybis(1-Chloropropane)		90	2.0
7	n-Nitrosodi-n-propylamine		85	2.0
8	Hexachloroethane		46	2.0
9	Nitrobenzene		85	2.0
10	Isophorone		100	2.0
11	bis(2-Chloroethoxy)methane		90	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		90	2.0
14	Hexachlorobutadiene		46	2.0
15	2-Chloronaphthalene		95	2.0
16	Dimethylphthalate		90	2.0
17	2,6-Dinitrotoluene		85	2.0
18	Acenaphthylene		80	2.0
19	Acenaphthene		90	2.0
20	2,4-Dinitrotoluene		90	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		90	2.0
31	Fluoranthene		85	2.0
32	Pyrene		95	2.0
33	Butylbenzylphthalate		85	2.0
34	Benzo(a)anthracene		85	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		85	2.0
39	Benzo(k)fluoranthene		90	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		75	2.0
42	Dibenz(a,h)anthracene		80	2.0
43	Benzo(g,h,i)perylene		85	2.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0902\REF1.D Vial: 4
Acq On : 9 May 2002 5:15 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 10:12 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	493587	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1802497	40.00	ug/l	0.00
17) Acenaphthene-d10	21.14	164	987162	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1388194	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	923844	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	582958	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	182423	37.15	ug/L	0.00
Spiked Amount 40.000			Recovery = 92.88%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.83	74	145588	11.71	ug/l	97
3) bis(2-Chloroethyl)ether	11.59	93	270529	16.78	ug/l	96
4) 1,3-Dichlorobenzene	12.09	146	204822	13.39	ug/l	99
5) 1,4-Dichlorobenzene	12.24	146	219138	13.09	ug/l	99
6) 1,2-Dichlorobenzene	12.75	146	217046	14.90	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.07	45	555650	17.77	ug/l	98
8) N-Nitrosodi-n-propylamine	13.46	70	200973	17.45	ug/l	98
9) Hexachloroethane	13.61	117	54006	9.07	ug/l	94
11) Nitrobenzene	13.87	77	249733	17.06	ug/l	98
12) Isophorone	14.52	82	568121	19.81	ug/l	97
13) bis(2-Chloroethoxy)methane	15.20	93	328744	17.69	ug/l	99
14) 1,2,4-Trichlorobenzene	15.71	180	180349	14.41	ug/l	100
15) Naphthalene	15.89	128	657779	17.74	ug/l	100
16) Hexachlorobutadiene	16.43	225	53257	9.19	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	16080	3.21	ug/l	97
19) 2-Chloronaphthalene	19.39	162	403844	18.73	ug/l	98
20) Dimethylphthalate	20.48	163	491209	18.09	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	97592	16.80	ug/l	93
22) Acenaphthylene	20.66	152	629846	16.39	ug/l	100
23) Acenaphthene	21.23	153	419598	18.32	ug/l	99
24) 2,4-Dinitrotoluene	21.86	165	112608	17.99	ug/l	95
25) Diethylphthalate	22.61	149	476209	19.58	ug/l	98
26) 4-Chlorophenylphenylether	22.77	204	211134	17.56	ug/l	99
27) Fluorene	22.75	166	459684	19.03	ug/l	100
29) Azobenzene	23.24	77	503262	16.71	ug/L	96
31) N-Nitrosodiphenylamine	23.16	168	168173	19.39	ug/l	92
32) 4-Bromophenylphenylether	24.23	248	119682	17.43	ug/l	97
33) Hexachlorobenzene	24.67	284	143169	18.25	ug/l	96
34) Phenanthrene	25.65	178	614462	18.45	ug/l	99

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

NYC-WTC_000023222

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0902\REF1.D Vial: 4
Acq On : 9 May 2002 5:15 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 10:12 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Anthracene	25.77	178	565945	16.33	ug/l	99
36)	Di-n-butylphthalate	27.55	149	789570	18.37	ug/l	99
37)	Fluoranthene	29.27	202	580381	17.44	ug/l	98
39)	Pyrene	29.94	202	602722	19.36	ug/l	94
40)	Butylbenzylphthalate	32.08	149	276931	17.47	ug/l	94
41)	Benzo(a)anthracene	33.58	228	419499	17.47	ug/l	98
42)	Bis(2-ethylhexyl)phthalate	33.86	149	360186	17.14	ug/l	99
43)	Chrysene	33.71	228	441338	18.41	ug/l	99
45)	Di-n-Octylphthalate	35.60	149	464798	15.26	ug/l	99
46)	Benzo(b)fluoranthene	36.69	252	362280	17.34	ug/l	97
47)	Benzo(k)fluoranthene	36.75	252	393688	17.80	ug/l	97
48)	Benzo(a)pyrene	37.67	252	247183	13.09	ug/l	98
49)	Indeno(1,2,3-cd)pyrene	41.94	276	276283	15.40	ug/l	96
50)	Dibenz(a,h)anthracene	42.02	278	235234	16.46	ug/l	98
51)	Benzo(g,h,i)perylene	43.17	276	242587	16.90	ug/l	97

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

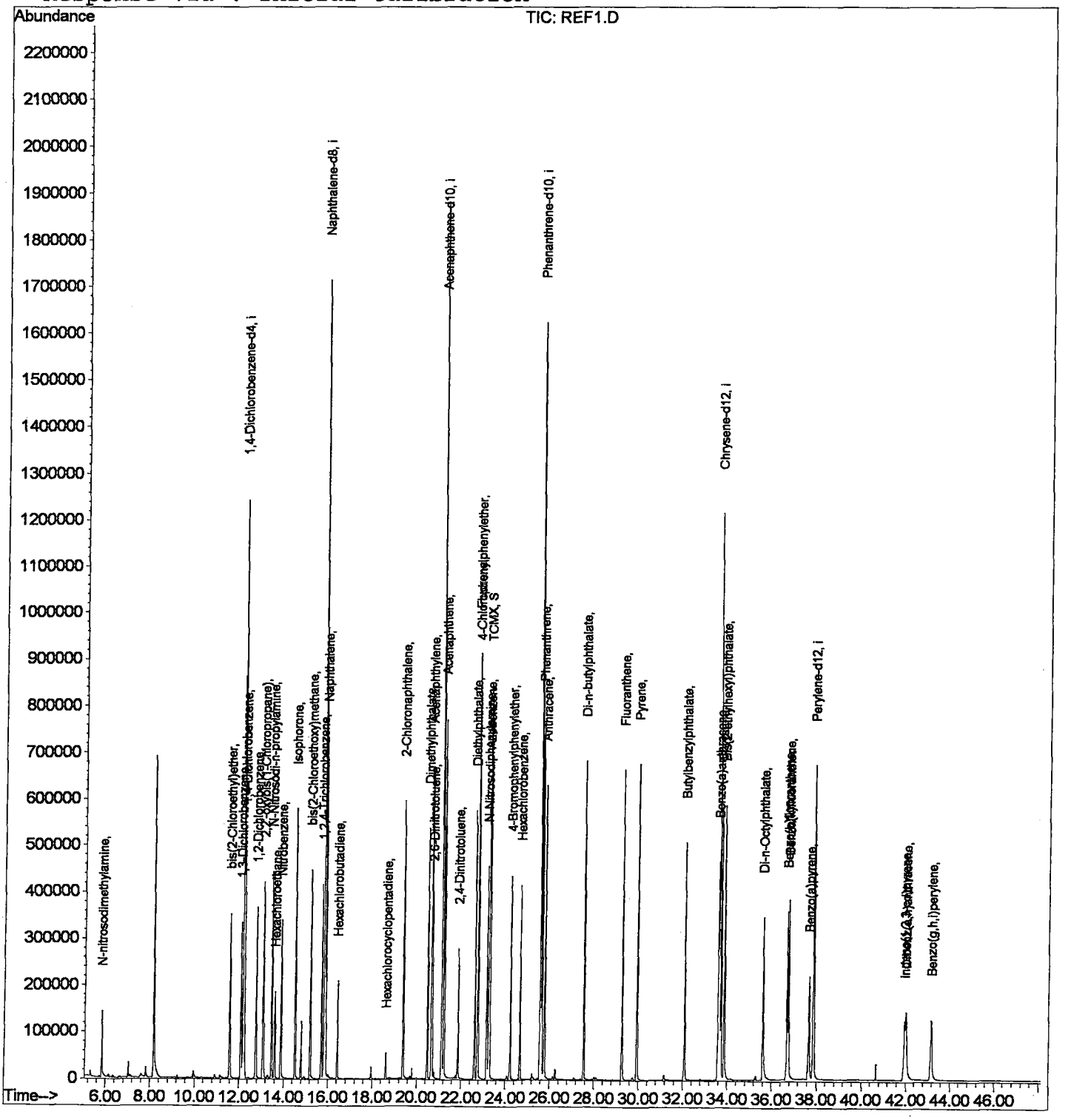
NYC-WTC_000023223

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0902\REF1.D Vial: 4
Acq On : 9 May 2002 5:15 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 10:12 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



NYC-WTC_000023224

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0902\REF2.D Vial: 5
Acq On : 9 May 2002 6:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 10:14 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	462535	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1684981	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	918107	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1296538	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	847047	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	532190	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	162080	35.49	ug/L	0.00
Spiked Amount 40.000			Recovery = 88.73%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.83	74	125940	10.81	ug/l	100
3) bis(2-Chloroethyl)ether	11.58	93	238800	15.80	ug/l	97
4) 1,3-Dichlorobenzene	12.10	146	174453	12.17	ug/l	98
5) 1,4-Dichlorobenzene	12.23	146	185928	11.86	ug/l	99
6) 1,2-Dichlorobenzene	12.76	146	183647	13.46	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.07	45	490492	16.74	ug/l	99
8) N-Nitrosodi-n-propylamine	13.46	70	177332	16.43	ug/l	96
9) Hexachloroethane	13.60	117	46017	8.25	ug/l	98
11) Nitrobenzene	13.87	77	218055	15.94	ug/l	98
12) Isophorone	14.52	82	506292	18.88	ug/l	99
13) bis(2-Chloroethoxy)methane	15.20	93	288541	16.61	ug/l	99
14) 1,2,4-Trichlorobenzene	15.72	180	157122	13.43	ug/l	99
15) Naphthalene	15.88	128	580193	16.73	ug/l	99
16) Hexachlorobutadiene	16.43	225	44599	8.24	ug/l	98
18) Hexachlorocyclopentadiene	18.63	237	14722	3.16	ug/l	97
19) 2-Chloronaphthalene	19.39	162	352876	17.59	ug/l	98
20) Dimethylphthalate	20.48	163	441496	17.48	ug/l	100
21) 2,6-Dinitrotoluene	20.69	165	87552	16.21	ug/l	98
22) Acenaphthylene	20.66	152	561647	15.71	ug/l	100
23) Acenaphthene	21.22	153	373465	17.53	ug/l	100
24) 2,4-Dinitrotoluene	21.87	165	100565	17.27	ug/l	92
25) Diethylphthalate	22.62	149	433053	19.15	ug/l	100
26) 4-Chlorophenylphenylether	22.77	204	185690	16.61	ug/l	98
27) Fluorene	22.74	166	407207	18.13	ug/l	99
29) Azobenzene	23.23	77	448648	16.02	ug/L	99
31) N-Nitrosodiphenylamine	23.16	168	149365	18.44	ug/l	97
32) 4-Bromophenylphenylether	24.24	248	105310	16.43	ug/l	96
33) Hexachlorobenzene	24.67	284	127562	17.41	ug/l	99
34) Phenanthrene	25.64	178	545617	17.54	ug/l	100

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

NYC-WTC_000023225

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0902\REF2.D Vial: 5
Acq On : 9 May 2002 6:14 pm Operator:
Sample : GC/MS SCAN 5/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 10:14 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.78	178	505891	15.63	ug/l		100
36)	Di-n-butylphthalate	27.55	149	717037	17.86	ug/l		100
37)	Fluoranthene	29.27	202	525752	16.92	ug/l		97
39)	Pyrene	29.94	202	544855	19.08	ug/l		97
40)	Butylbenzylphthalate	32.07	149	252170	17.35	ug/l		97
41)	Benzo(a)anthracene	33.59	228	379127	17.22	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.86	149	328778	17.06	ug/l		100
43)	Chrysene	33.71	228	394238	17.93	ug/l		99
45)	Di-n-Octylphthalate	35.60	149	416654	14.98	ug/l	#	97
46)	Benzo(b)fluoranthene	36.68	252	290204	15.21	ug/l		98
47)	Benzo(k)fluoranthene	36.76	252	344215	17.04	ug/l		97
48)	Benzo(a)pyrene	37.66	252	221622	12.85	ug/l		99
49)	Indeno(1,2,3-cd)pyrene	41.95	276	241792	14.76	ug/l		93
50)	Dibenz(a,h)anthracene	42.02	278	204309	15.66	ug/l		100
51)	Benzo(g,h,i)perylene	43.16	276	210688	16.08	ug/l		99

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

NYC-WTC_000023226

NYC 9/11 Public Portal Document

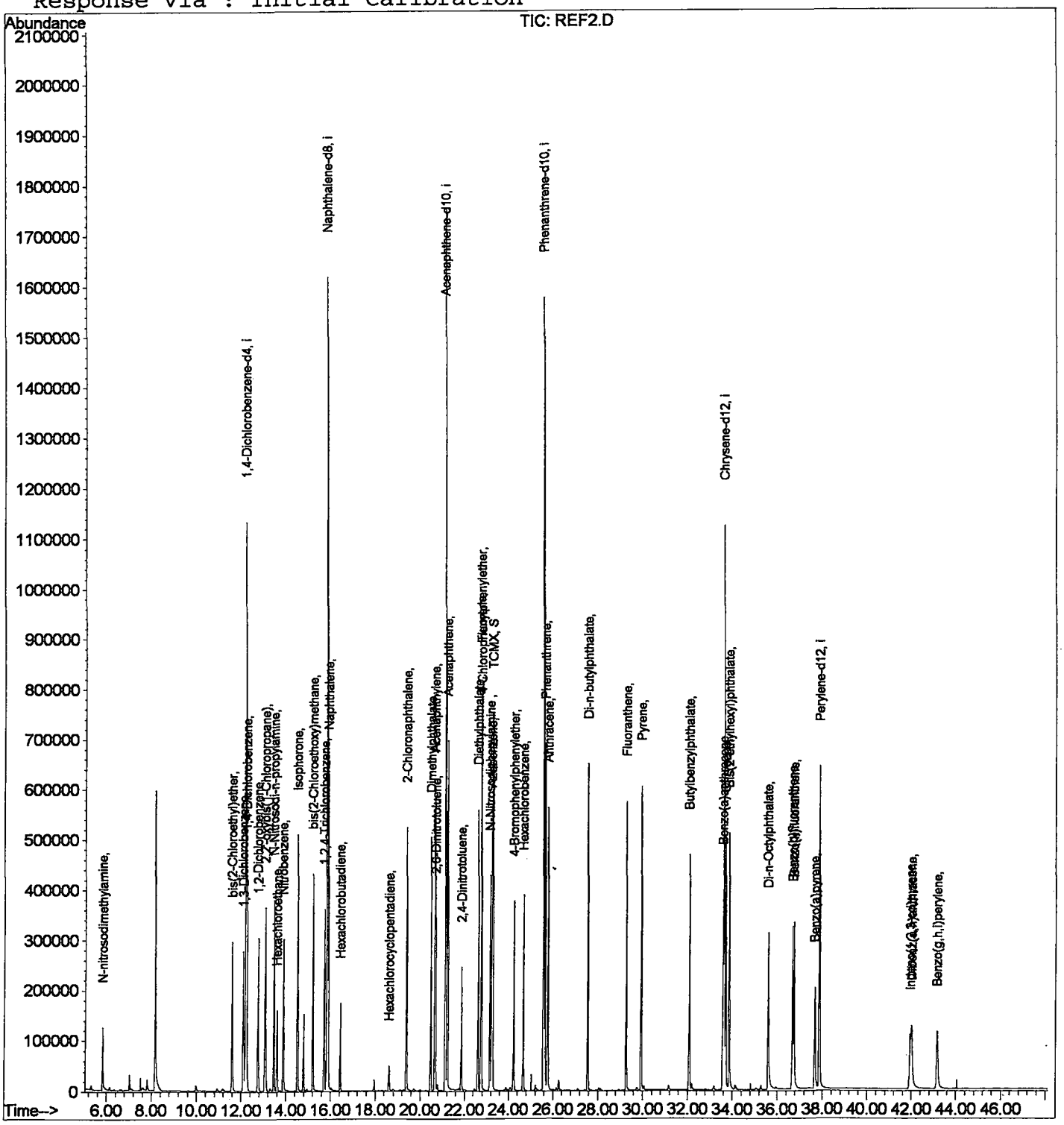
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0902\REF2.D
Acq On : 9 May 2002 6:14 pm
Sample : GC/MS SCAN 5/8
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 10 10:14 2002

Vial: 5
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



NYC-WTC_000023227