User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 10:15:54

Sample: AE04417
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/22/02 10:09 Ended: 3/22/02 10:09 Analyst: MG
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		3.89		2.0
2	bis(2-Chloroethyl)ether		5.48		2.0
3	1,3-Dichlorobenzene		3.54		2.0
4	1,4-Dichlorobenzene		3.73		2.0
5	1,2-Dichlorobenzene		4.03		2.0
6	2,2-oxybis(1-Chloropropane)		5.36		2.0
7	n-Nitrosodi-n-propylamine		5.93		2.0
8	Hexachloroethane		2.69		2.0
9	Nitrobenzene		5.21		2.0
10	Isophorone		6.07		2.0
11	bis(2-Chloroethoxy)methane		5.62		2.0
12	1,2,4-Trichlorobenzene		4.02		2.0
13	Naphthalene		5.04		2.0
14	Hexachlorobutadiene		2.01		2.0
15	2-Chloronaphthalene		4.95		2.0
16	Dimethylphthalate		6.25		2.0
17	2,6-Dinitrotoluene		5.34		2.0
18	Acenaphthylene		5.84		2.0
19	Acenaphthene		5.62		2.0
20	2,4-Dinitrotoluene		5.17		2.0
21	Diethylphthalate		6.21		2.0
22	4-Chlorophenylphenylether		5.97		2.0
23	Fluorene		6.01		2.0
24	Azobenzene/1,2-Diphenylhydraz		5.16		2.0
25	n-Nitrosodiphenylamine		5.03		2.0
26	4-Bromophenylphenylether		5.68		2.0
27	Hexachlorobenzene		5.38		2.0
28	Phenanthrene		6.05		2.0
29	Anthracene		5.47		2.0
30	Di-n-butylphthalate		6.01		2.0
31	Fluoranthene		5.62		2.0
32	Pyrene		7.49		2.0
33	Butylbenzylphthalate		6.68		2.0
34	Benzo(a)anthracene		5.87		2.0
35	bis(2-Ethylhexyl)phthalate		6.55		2.0
36	Chrysene		6.53		2.0
37	Di-n-octylphthalate		6.16		2.0
38	Benzo(b)fluoranthene		5.95		2.0
39	Benzo(k)fluoranthene		6.59		2.0
40	Benzo(a)pyrene		4.20		2.0
41	Indeno(1,2,3-cd)pyrene		4.51		2.0
42	Dibenz(a,h)anthracene		5.04		2.0
43	Benzo(g,h,i)perylene		4.71		2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 10:16:00

Sample: AE04417
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/22/02 10:09 Ended: 3/22/02 10:09 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		39		2.0
2	bis(2-Chloroethyl)ether		55		2.0
3	1,3-Dichlorobenzene		35		2.0
4	1,4-Dichlorobenzene		37		2.0
5	1,2-Dichlorobenzene		40		2.0
6	2,2-oxybis(1-Chloropropane)		54		2.0
7	n-Nitrosodi-n-propylamine		59		2.0
8	Hexachloroethane		27		2.0
9	Nitrobenzene		52		2.0
10	Isophorone		61		2.0
11	bis(2-Chloroethoxy)methane		56		2.0
12	1,2,4-Trichlorobenzene		40		2.0
13	Naphthalene		50		2.0
14	Hexachlorobutadiene		20		2.0
15	2-Chloronaphthalene		50		2.0
16	Dimethylphthalate		62		2.0
17	2,6-Dinitrotoluene		53		2.0
18	Acenaphthylene		58		2.0
19	Acenaphthene		56		2.0
20	2,4-Dinitrotoluene		52		2.0
21	Diethylphthalate		62		2.0
22	4-Chlorophenylphenylether		60		2.0
23	Fluorene		60		2.0
24	Azobenzene/1,2-Diphenylhydraz		52		2.0
25	n-Nitrosodiphenylamine		50		2.0
26	4-Bromophenylphenylether		57		2.0
27	Hexachlorobenzene		54		2.0
28	Phenanthrene		60		2.0
29	Anthracene		55		2.0
30	Di-n-butylphthalate		60		2.0
31	Fluoranthene		56		2.0
32	Pyrene		75		2.0
33	Butylbenzylphthalate		67		2.0
34	Benzo(a)anthracene		59		2.0
35	bis(2-Ethylhexyl)phthalate		66		2.0
36	Chrysene		65		2.0
37	Di-n-octylphthalate		62		2.0
38	Benzo(b)fluoranthene		60		2.0
39	Benzo(k)fluoranthene		66		2.0
40	Benzo(a)pyrene		42		2.0
41	Indeno(1,2,3-cd)pyrene		45		2.0
42	Dibenz(a,h)anthracene		50		2.0
43	Benzo(g,h,i)perylene		47		2.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\REF1.D Vial: 4
Acq On : 21 Mar 2002 2:14 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:42 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	616590	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2408588	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1288267	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.67	188	1942789	20.00	ug/l	-0.10
38) Chrysene-d12	33.73	240	1187892	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	735966	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	68760	4.87	ug/mL	0.24
Spiked Amount 5.000			Recovery = 97.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.89	74	81434	3.89	ug/l #	69
3) bis(2-Chloroethyl)ether	11.66	93	184666	5.48	ug/l	91
4) 1,3-Dichlorobenzene	12.16	146	123158	3.54	ug/l	100
5) 1,4-Dichlorobenzene	12.31	146	129969	3.73	ug/l	98
6) 1,2-Dichlorobenzene	12.82	146	131211	4.03	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.15	45	253922	5.36	ug/l	99
8) N-Nitroso-di-n-propylamine	13.53	70	129920	5.93	ug/l #	85
9) Hexachloroethane	13.68	117	35064	2.69	ug/l	100
11) Nitrobenzene	13.94	77	171497	5.21	ug/l	94
12) Isophorone	14.60	82	379315	6.07	ug/l	99
13) bis(2-Chloroethoxy)methane	15.28	93	229644	5.62	ug/l	98
14) 1,2,4-Trichlorobenzene	15.79	180	113726	4.02	ug/l	97
15) Naphthalene	15.96	128	448300	5.04	ug/l	100
16) Hexachlorobutadiene	16.51	225	28289	2.01	ug/l	97
18) Hexachlorocyclopentadiene	18.70	237	5012	0.57	ug/l	96
19) 2-Chloronaphthalene	19.47	162	273630	4.95	ug/l	96
20) Dimethylphthalate	20.55	163	405156	6.25	ug/l	99
21) 2,6-Dinitrotoluene	20.77	165	84079	5.34	ug/l #	83
22) Acenaphthylene	20.74	152	461898	5.84	ug/l	98
23) Acenaphthene	21.31	153	310525	5.62	ug/l	98
24) 2,4-Dinitrotoluene	21.94	165	108909	5.17	ug/l #	78
25) Diethylphthalate	22.69	149	391004	6.21	ug/l	95
26) 4-Chlorophenyl-phenylether	22.85	204	160888	5.97	ug/l	91
27) Fluorene	22.82	166	351522	6.01	ug/l	99
28) Azobenzen/ 1,2-Diphenylhyd	23.31	77	348164	5.16	ug/L #	88

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

NYC-WTC_000012311

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\REF1.D Vial: 4
Acq On : 21 Mar 2002 2:14 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:42 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	N-Nitrosodiphenylamine	23.23	168	132003	5.03	ug/l	#	84
31)	4-Bromophenyl-phenylether	24.32	248	87662	5.68	ug/l	#	89
32)	Hexachlorobenzene	24.75	284	96366	5.38	ug/l		93
33)	Phenanthrene	25.72	178	507284	6.05	ug/l		98
34)	Anthracene	25.86	178	454893	5.47	ug/l		98
35)	Di-n-butylphthalate	27.62	149	634292	6.01	ug/l		99
36)	Fluoranthene	29.35	202	494373	5.62	ug/l	#	93
39)	Pyrene	30.03	202	511079	7.49	ug/l	#	93
40)	Butylbenzylphthalate	32.16	149	234762	6.68	ug/l	#	96
41)	Benzo(a)anthracene	33.66	228	332781	5.87	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.93	149	310985	6.55	ug/l		95
43)	Chrysene	33.79	228	363247	6.53	ug/l		99
45)	Di-n-Octylphthalate	35.67	149	399174	6.16	ug/l	#	98
46)	Benzo(b)fluoranthene	36.78	252	267547	5.95	ug/l		98
47)	Benzo(k)fluoranthene	36.84	252	288731	6.59	ug/l	#	97
48)	Benzo(a)pyrene	37.77	252	171867	4.20	ug/l	#	95
49)	Indeno(1,2,3-cd)pyrene	42.10	276	222955	4.51	ug/l	#	95
50)	Dibenz(a,h)anthracene	42.18	278	192859	5.04	ug/l		96
51)	Benzo(g,h,i)perylene	43.35	276	189955	4.71	ug/l		96

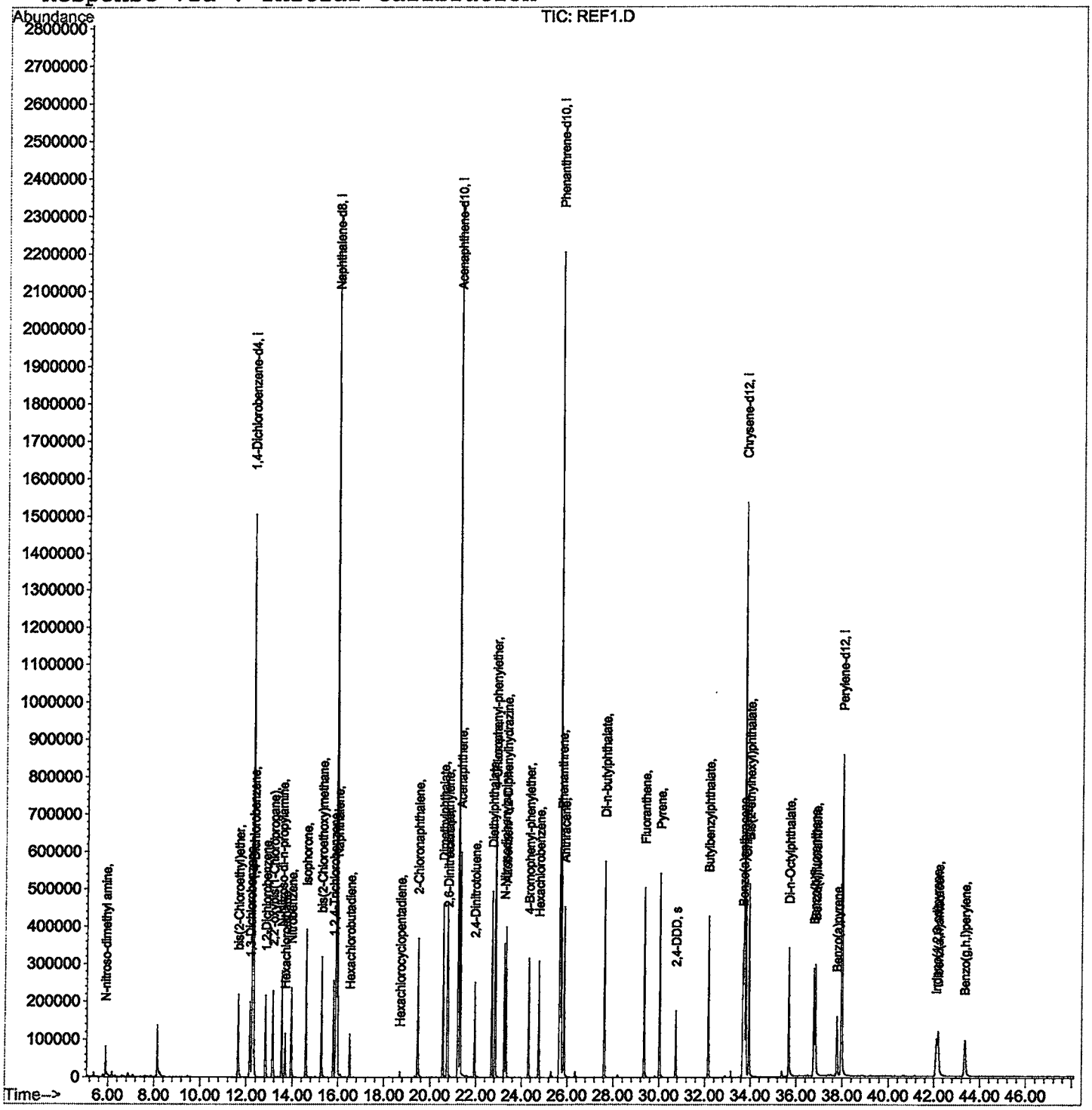
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000012312

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2102\REF1.D Vial: 4
Acq On : 21 Mar 2002 2:14 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:42 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\REF2.D Vial: 5
Acq On : 21 Mar 2002 3:12 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	646636	20.00	ug/l		-0.09
10) Naphthalene-d8	15.91	136	2522005	20.00	ug/l		-0.09
17) Acenaphthene-d10	21.22	164	1352406	20.00	ug/l		-0.09
29) Phenanthrene-d10	25.66	188	2044922	20.00	ug/l		-0.10
38) Chrysene-d12	33.72	240	1374681	20.00	ug/l		-0.12
44) Perylene-d12	37.98	264	887365	20.00	ug/l		-0.14
System Monitoring Compounds							
37) 2,4-DDD	30.73	235	75729	5.10	ug/mL		0.23
Spiked Amount 5.000			Recovery =	102.00%			
Target Compounds							Qvalue
2) N-nitroso-dimethyl amine	5.89	74	81320	3.71	ug/l	#	71
3) bis(2-Chloroethyl)ether	11.65	93	185836	5.26	ug/l		92
4) 1,3-Dichlorobenzene	12.16	146	142124	3.89	ug/l		99
5) 1,4-Dichlorobenzene	12.31	146	150320	4.11	ug/l		99
6) 1,2-Dichlorobenzene	12.82	146	152061	4.46	ug/l		98
7) 2,2'-oxybis(1-Chloropropan	13.14	45	260835	5.25	ug/l		98
8) N-Nitroso-di-n-propylamine	13.53	70	130646	5.68	ug/l	#	86
9) Hexachloroethane	13.67	117	41472	3.03	ug/l		97
11) Nitrobenzene	13.94	77	171354	4.97	ug/l		92
12) Isophorone	14.59	82	383539	5.87	ug/l		98
13) bis(2-Chloroethoxy)methane	15.27	93	227509	5.32	ug/l		98
14) 1,2,4-Trichlorobenzene	15.79	180	133943	4.52	ug/l		99
15) Naphthalene	15.96	128	497887	5.34	ug/l		99
16) Hexachlorobutadiene	16.50	225	35506	2.41	ug/l		98
18) Hexachlorocyclopentadiene	18.71	237	8630	0.94	ug/l		97
19) 2-Chloronaphthalene	19.47	162	303087	5.22	ug/l		97
20) Dimethylphthalate	20.55	163	409906	6.02	ug/l		99
21) 2,6-Dinitrotoluene	20.77	165	85458	5.17	ug/l	#	83
22) Acenaphthylene	20.74	152	477230	5.75	ug/l		99
23) Acenaphthene	21.30	153	328337	5.66	ug/l		98
24) 2,4-Dinitrotoluene	21.94	165	109212	4.94	ug/l	#	80
25) Diethylphthalate	22.69	149	398966	6.04	ug/l		97
26) 4-Chlorophenyl-phenylether	22.85	204	177806	6.28	ug/l		92
27) Fluorene	22.83	166	369804	6.03	ug/l		99
28) Azobenzen/ 1,2-Diphenylhyd	23.31	77	352652	4.98	ug/L	#	85

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

NYC-WTC_000012314

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\REF2.D Vial: 5
Acq On : 21 Mar 2002 3:12 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	N-Nitrosodiphenylamine	23.23	168	147416	5.34	ug/l	#	85
31)	4-Bromophenyl-phenylether	24.31	248	96531	5.95	ug/l		92
32)	Hexachlorobenzene	24.75	284	109378	5.80	ug/l		94
33)	Phenanthrene	25.73	178	534069	6.05	ug/l		98
34)	Anthracene	25.86	178	480015	5.48	ug/l		99
35)	Di-n-butylphthalate	27.62	149	665563	5.99	ug/l		99
36)	Fluoranthene	29.35	202	529014	5.71	ug/l	#	92
39)	Pyrene	30.02	202	551004	6.98	ug/l	#	93
40)	Butylbenzylphthalate	32.15	149	247950	6.09	ug/l		99
41)	Benzo(a)anthracene	33.67	228	379271	5.78	ug/l		98
42)	Bis(2-ethylhexyl)phthalate	33.94	149	335733	6.11	ug/l		95
43)	Chrysene	33.80	228	406984	6.32	ug/l		100
45)	Di-n-Octylphthalate	35.67	149	435605	5.57	ug/l		99
46)	Benzo(b)fluoranthene	36.85	252	349711	6.45	ug/l		98
47)	Benzo(k)fluoranthene	36.85	252	323506	6.12	ug/l		98
48)	Benzo(a)pyrene	37.77	252	212743	4.31	ug/l	#	96
49)	Indeno(1,2,3-cd)pyrene	42.11	276	272537	4.57	ug/l		97
50)	Dibenz(a,h)anthracene	42.19	278	240900	5.22	ug/l		96
51)	Benzo(g,h,i)perylene	43.35	276	235558	4.84	ug/l		93

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

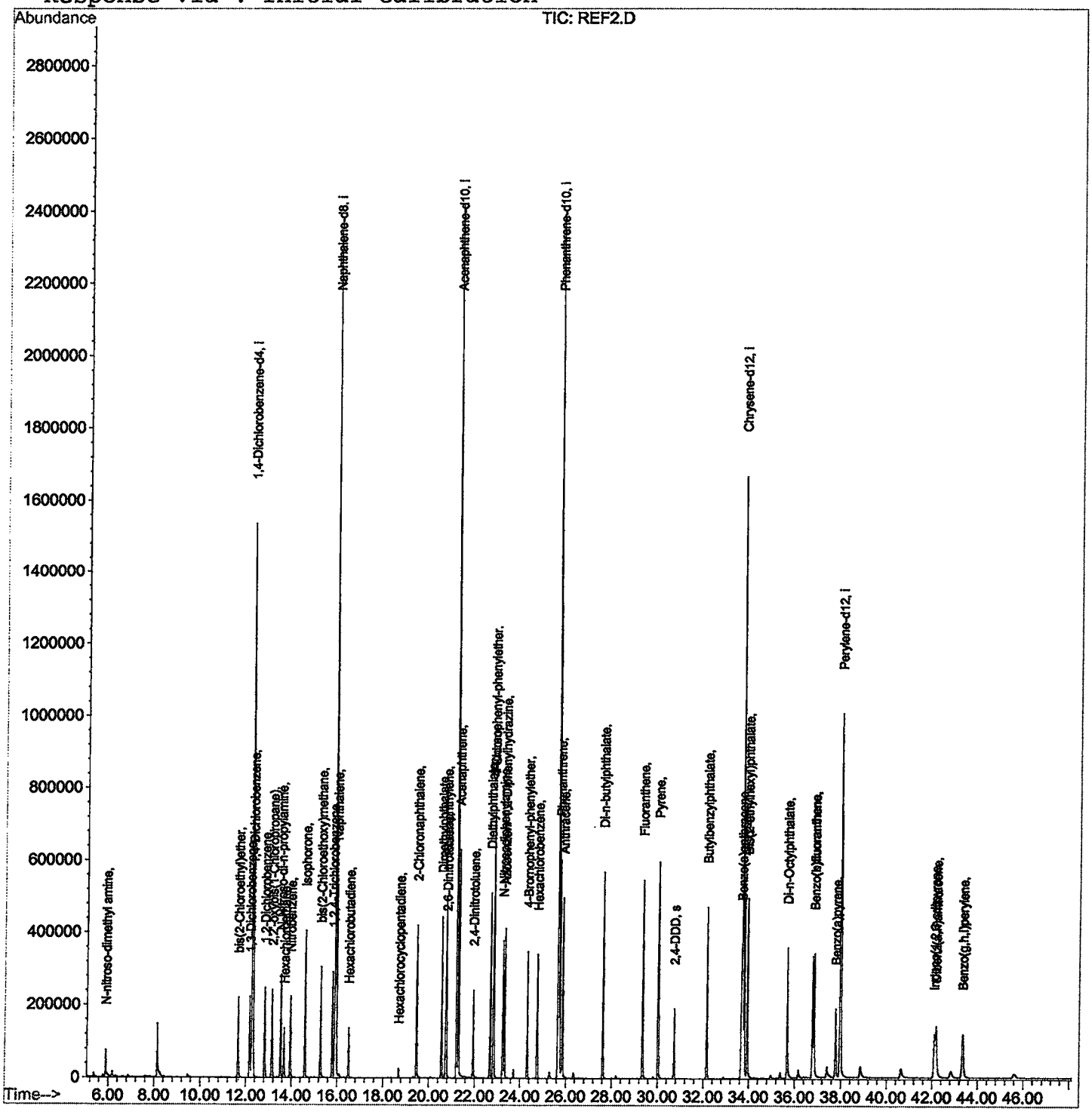
NYC-WTC_000012315

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2102\REF2.D Vial: 5
Acq On : 21 Mar 2002 3:12 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:54 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



NYC-WTC_000012316