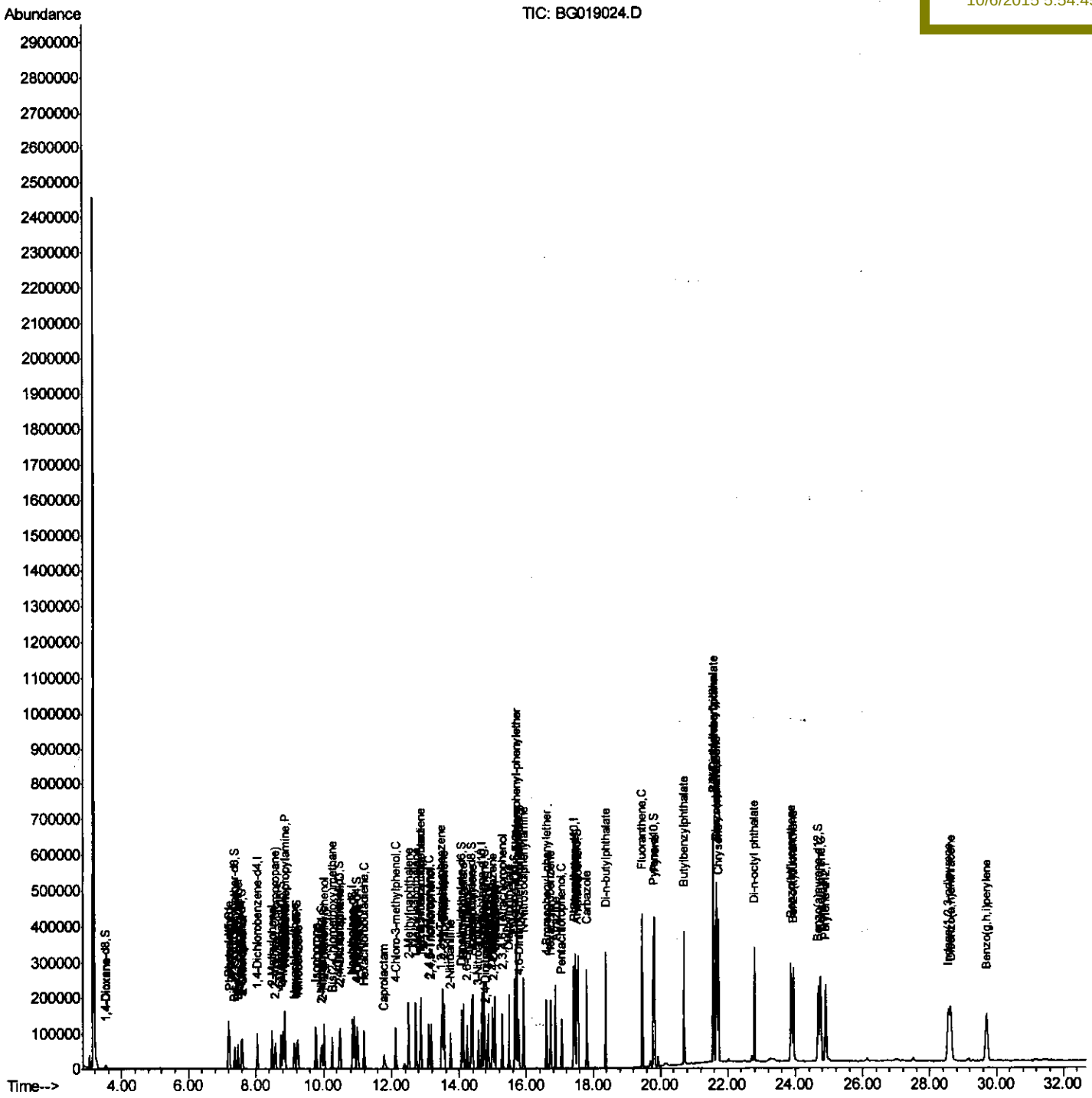
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:26:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM



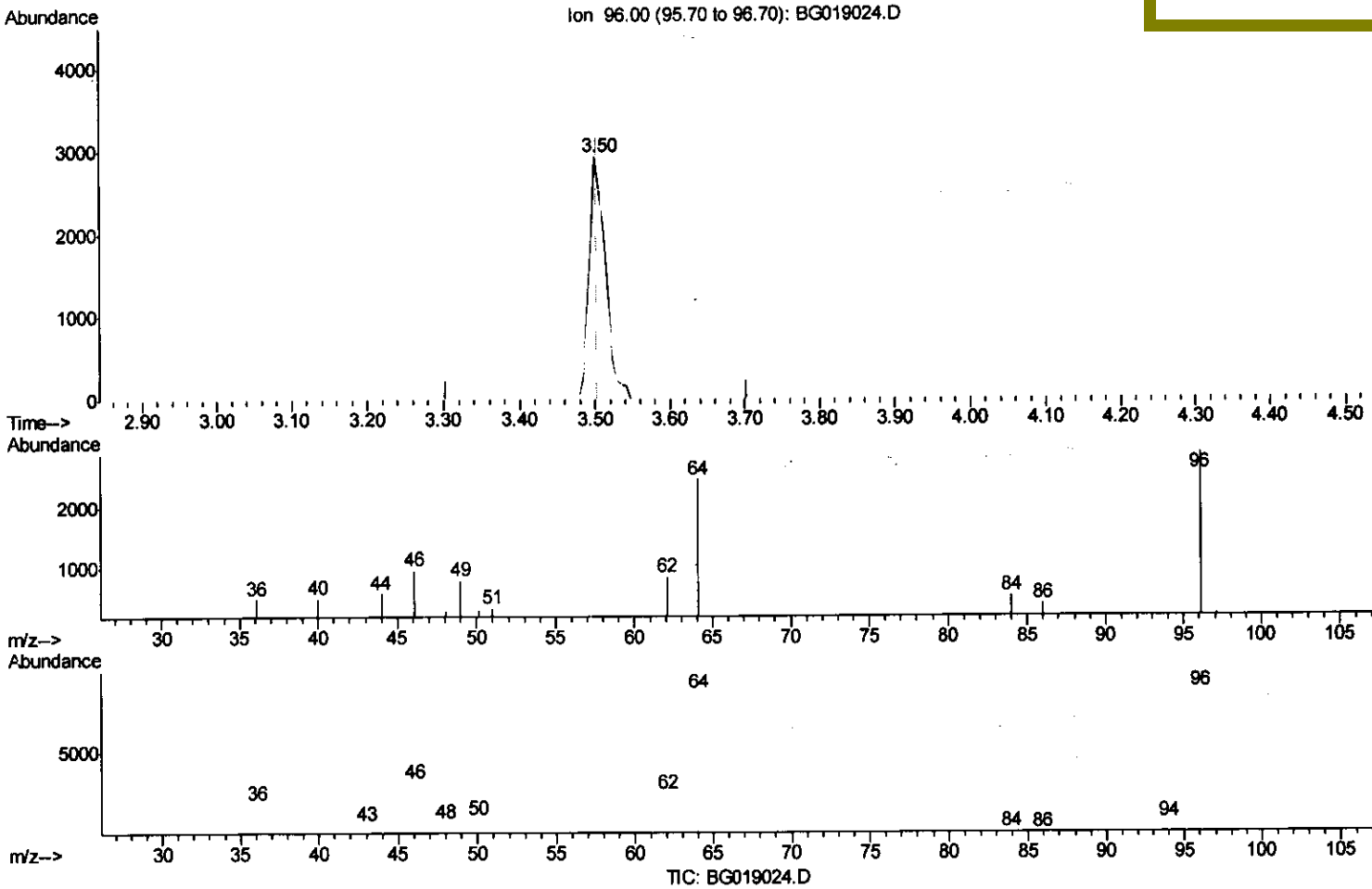
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:17:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM



(3) 1,4-Dioxane-d8 (S)

3.501min (-0.003) 7.25ng/uL

response 4496

Ion	Exp%	Act%
96.00	100	100
64.00	83.40	85.04
34.00	0.00	0.00
0.00	0.00	0.00

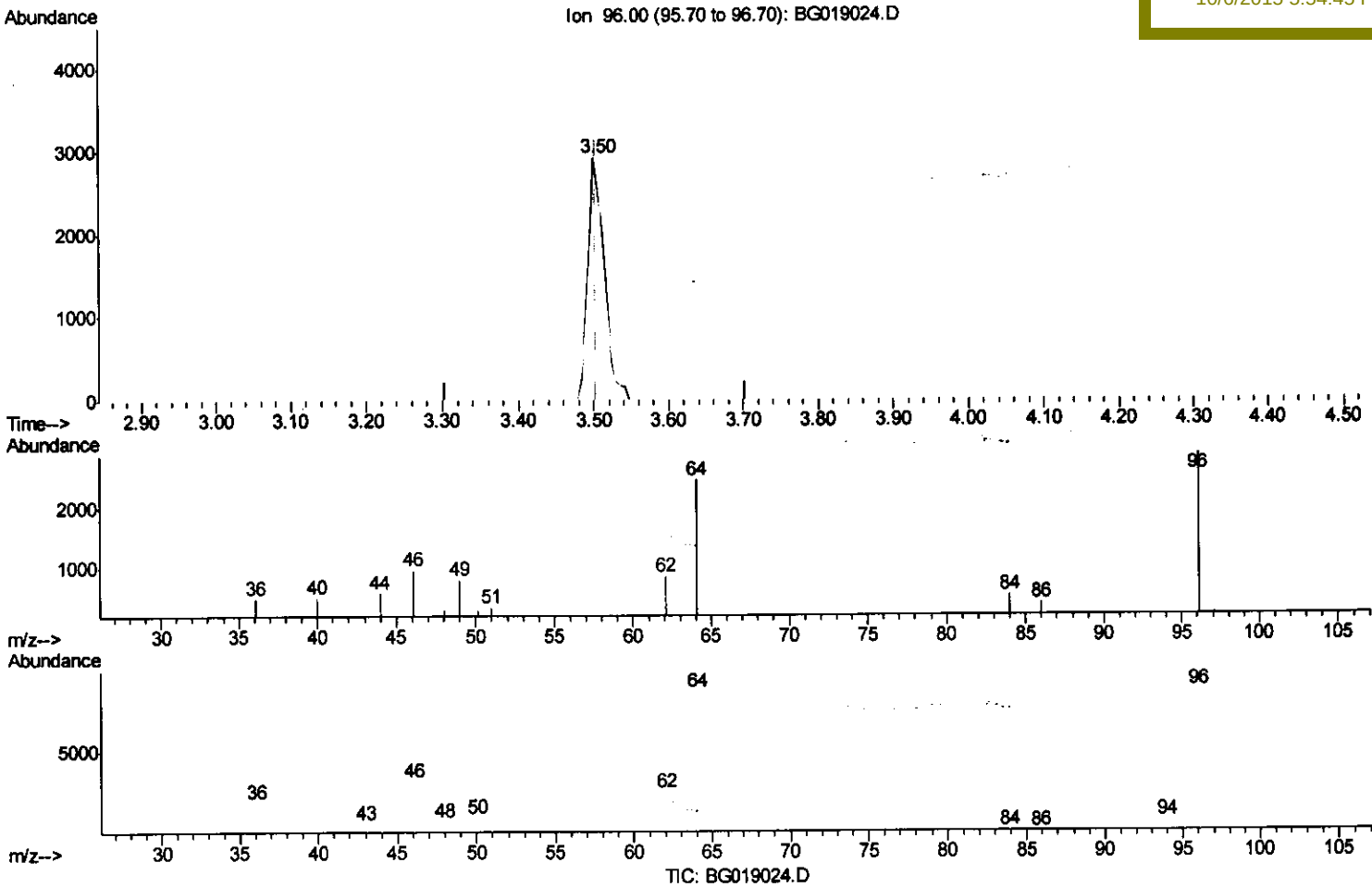
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:17:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM



(3) 1,4-Dioxane-d8 (S)

3.501min (-0.003) 7.35ng/uL m U.M 10/7/15

response 4555

Ion	Exp%	Act%
96.00	100	100
64.00	83.40	85.04
34.00	0.00	0.00
0.00	0.00	0.00

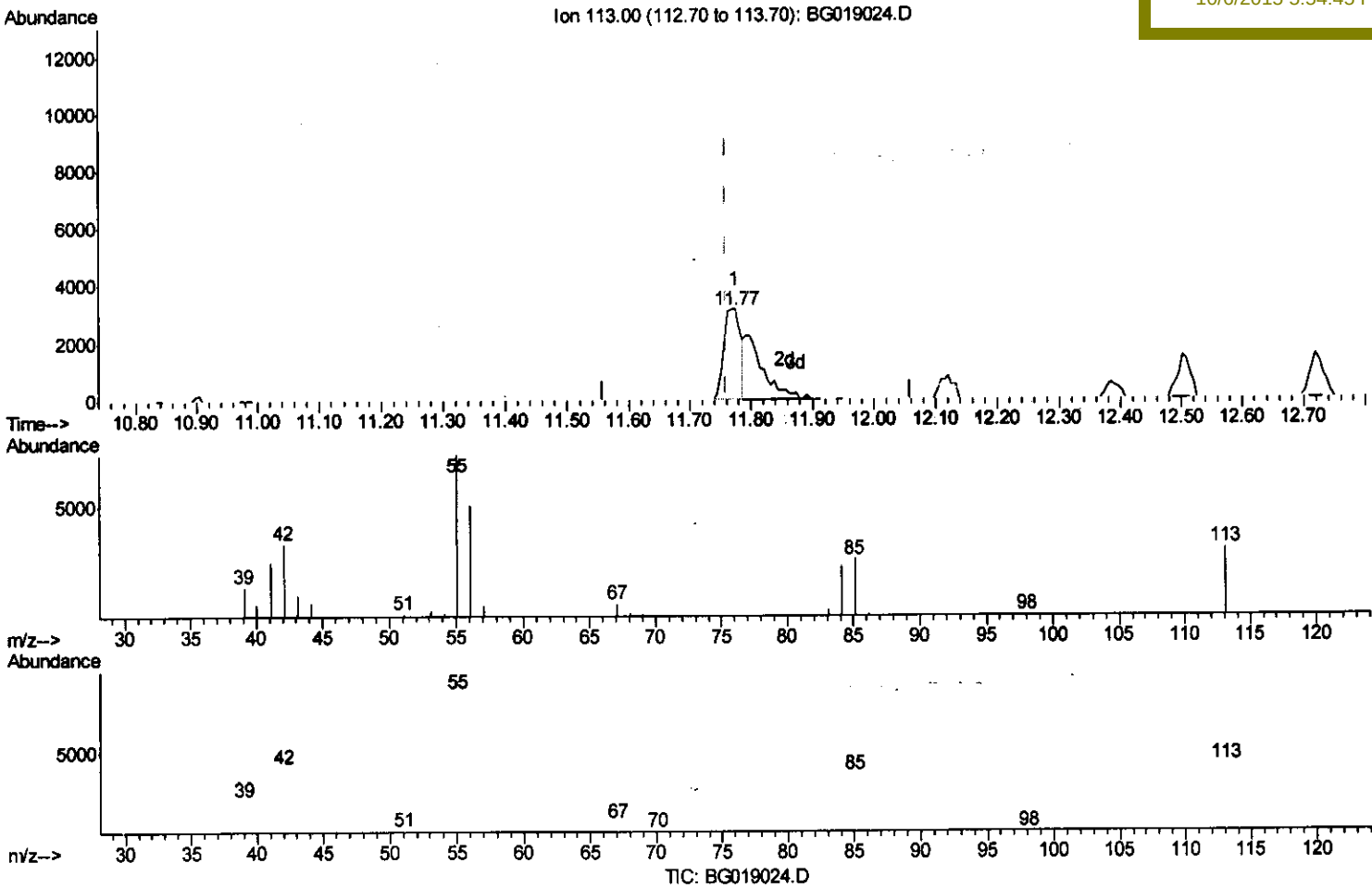
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:17:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM



(32) Caprolactam

11.773min (+0.015) 9.55ng/ul

response 6044

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	234.39
56.00	157.30	161.57
0.00	0.00	0.00

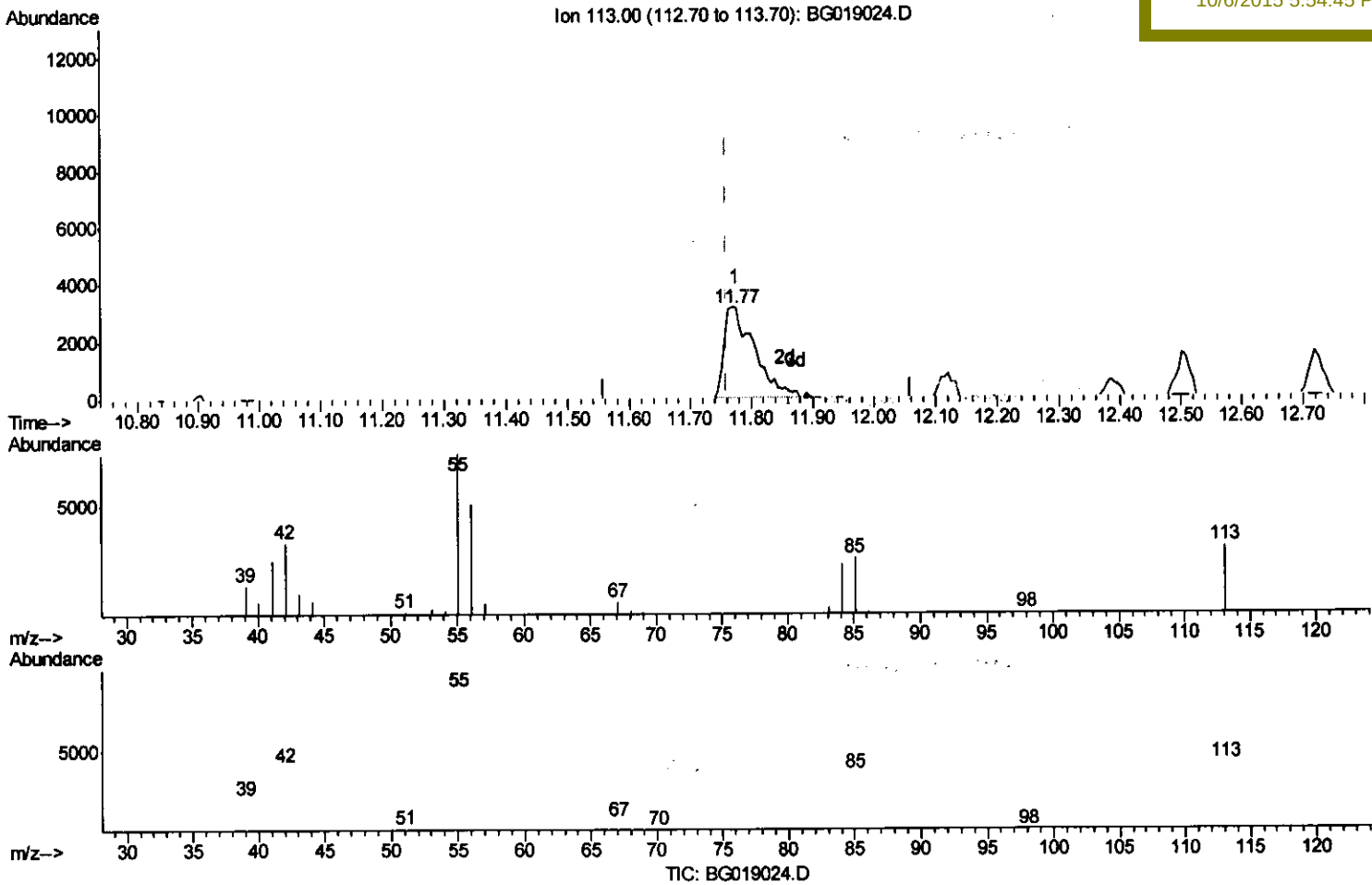
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:17:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM



(32) Caprolactam

11.773min (+0.015) 17.11ng/ul m U.M 10/7/15

response 10835

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	234.39
56.00	157.30	161.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:26:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	118018	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	73535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	178949	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	235583	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	232109	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	4555m	7.35	ng/uL	0.00
5) Phenol-d5	7.20	99	47261	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	31389	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	36263	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	36877	19.44	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	18102	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	18908	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	37548	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	50026	22.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	117154	20.21	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	139840	19.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	24742	21.12	ng/ul	0.00
58) Fluorene-d10	15.66	176	103713	19.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	19951	20.55	ng/ul	0.00
71) Anthracene-d10	17.51	188	167009	19.82	ng/ul	0.00
79) Pyrene-d10	19.79	212	207014	18.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	233981	19.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	5302	7.78	ng/uL	90
4) Benzaldehyde	7.18	77	30163	21.10	ng/ul	96
6) Phenol	7.23	94	50255	20.41	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.47	93	37004	19.94	ng/ul	96
10) 2-Chlorophenol	7.61	128	37194	19.76	ng/ul	94
11) 2-Methylphenol	8.48	108	38272	20.17	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.58	45	75059	20.61	ng/ul	98
14) Acetophenone	8.86	105	59729	20.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	31526	19.95	ng/ul	98
16) 4-Methylphenol	8.81	108	41974	20.06	ng/ul	98
17) Hexachloroethane	9.14	117	14694	19.63	ng/ul	89
20) Nitrobenzene	9.25	77	45338	20.42	ng/ul	97
21) Isophorone	9.77	82	86042	19.86	ng/ul	98
23) 2-Nitrophenol	9.96	139	19911	20.20	ng/ul	97
24) 2,4-Dimethylphenol	10.02	107	45935	20.54	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.25	93	50548	19.73	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	37641	20.04	ng/ul	93
28) Naphthalene	10.90	128	122188	19.99	ng/ul	98
30) 4-Chloroaniline	11.00	127	50170	21.66	ng/ul	97
31) Hexachlorobutadiene	11.19	225	24477	20.45	ng/ul	98
32) Caprolactam	11.77	113	10835m	17.11	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	43187	20.96	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	90321	19.73	ng/ul	100

UM 10/7/15

UM 10/7/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:26:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	89817	20.00	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	47747	20.00	ng/ul	99
38) Hexachlorocyclopentadiene	12.85	237	28719	18.71	ng/ul	97
39) 2,4,6-Trichlorophenol	13.11	196	30693	19.78	ng/ul	94
40) 2,4,5-Trichlorophenol	13.17	196	33278	19.97	ng/ul	95
41) 1,1'-Biphenyl	13.51	154	118715	19.81	ng/ul	98
42) 2-Chloronaphthalene	13.55	162	91502	19.66	ng/ul	99
43) 2-Nitroaniline	13.74	65	31685	20.96	ng/ul	97
45) Dimethylphthalate	14.12	163	117553	19.86	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	23500	20.64	ng/ul	91
48) Acenaphthylene	14.39	152	151970	19.79	ng/ul	99
49) 3-Nitroaniline	14.56	138	24641	21.91	ng/ul	95
50) Acenaphthene	14.73	153	104282	20.02	ng/ul	98
51) 2,4-Dinitrophenol	14.76	184	12100	18.36	ng/ul	97
53) 4-Nitrophenol	14.86	109	19596	21.88	ng/ul	96
54) Dibenzofuran	15.07	168	142601	20.11	ng/ul	99
55) 2,4-Dinitrotoluene	15.02	165	34876	20.95	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.29	232	30954	20.13	ng/ul	94
57) Diethylphthalate	15.49	149	115188	19.39	ng/ul	97
59) Fluorene	15.72	166	118728	19.87	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.71	204	59183	20.06	ng/ul	98
61) 4-Nitroaniline	15.73	138	27082	21.31	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	20070	19.58	ng/ul#	99
65) N-Nitrosodiphenylamine	15.92	169	101697	19.54	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	38883	19.91	ng/ul	94
67) Hexachlorobenzene	16.72	284	44669	20.11	ng/ul	98
68) Atrazine	16.87	200	44192	20.46	ng/ul	98
69) Pentachlorophenol	17.06	266	26302	18.87	ng/ul	93
70) Phenanthrene	17.45	178	198962	19.73	ng/ul	99
72) Anthracene	17.54	178	199363	19.62	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	47898	19.85	ng/uL	97
74) Pentachlorobenzene	14.99	250	47299	20.11	ng/uL	97
75) Carbazole	17.81	167	186345	21.25	ng/ul	99
76) Di-n-butylphthalate	18.38	149	225022	20.07	ng/ul	98
77) Fluoranthene	19.46	202	259824	22.13	ng/ul	99
80) Pyrene	19.82	202	270388	19.07	ng/ul	99
81) Butylbenzylphthalate	20.71	149	105303	19.58	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.57	252	91723	21.03	ng/ul	98
83) Benzo(a)anthracene	21.66	228	268665	19.76	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	154247	19.76	ng/ul	99
85) Chrysene	21.72	228	249730	19.46	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	259258	19.68	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	262725	19.21	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	255493	19.18	ng/ul	98
91) Benzo(a)pyrene	24.75	252	254156	19.19	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.55	276	295647	19.48	ng/ul	98
93) Dibenzo(a,h)anthracene	28.63	278	260326	19.84	ng/ul	97
94) Benzo(g,h,i)perylene	29.71	276	248619	19.67	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100515\
Data File : BG019024.D
Acq On : 5 Oct 2015 9:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 03:26:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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