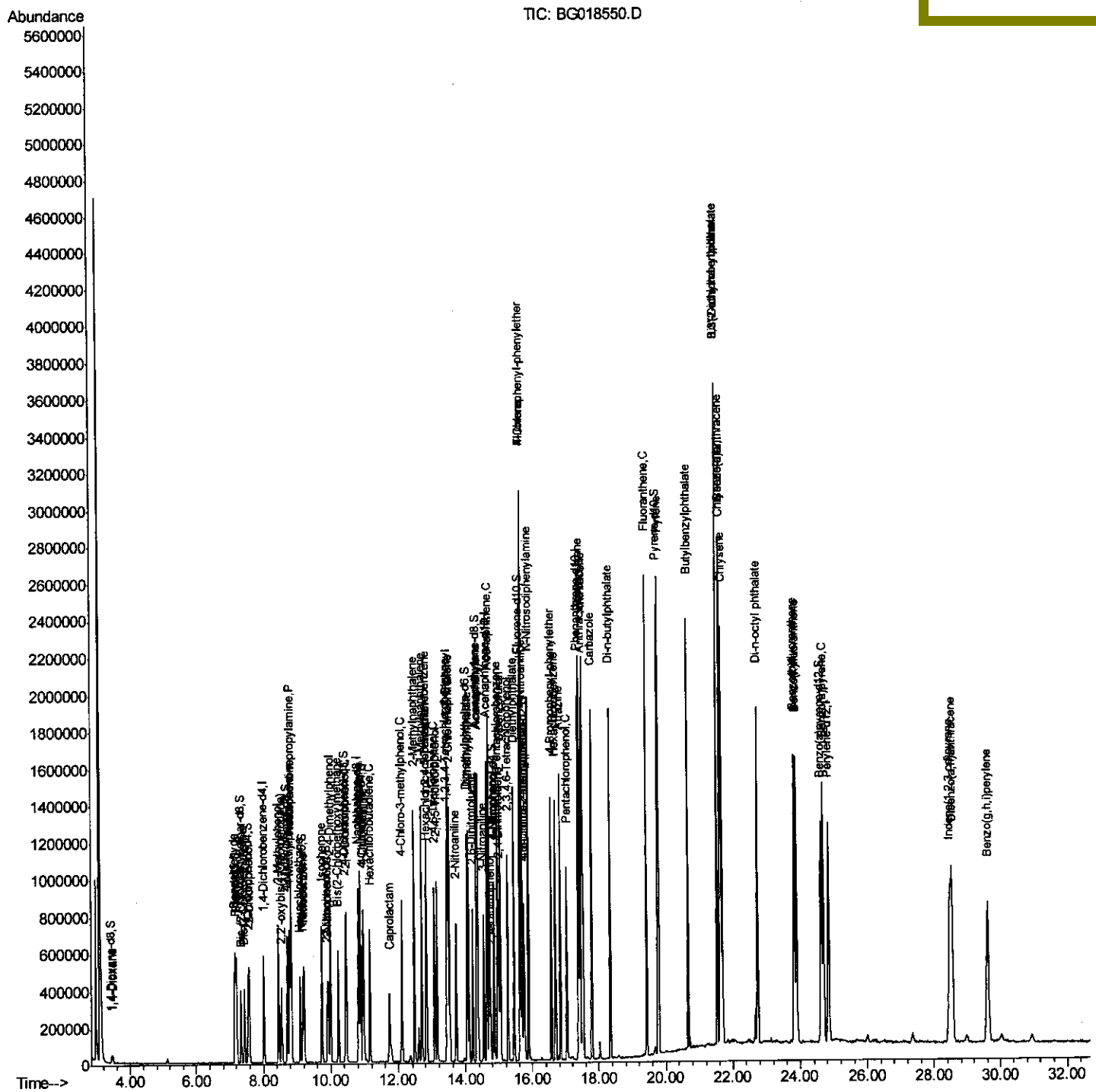
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 05:44:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM



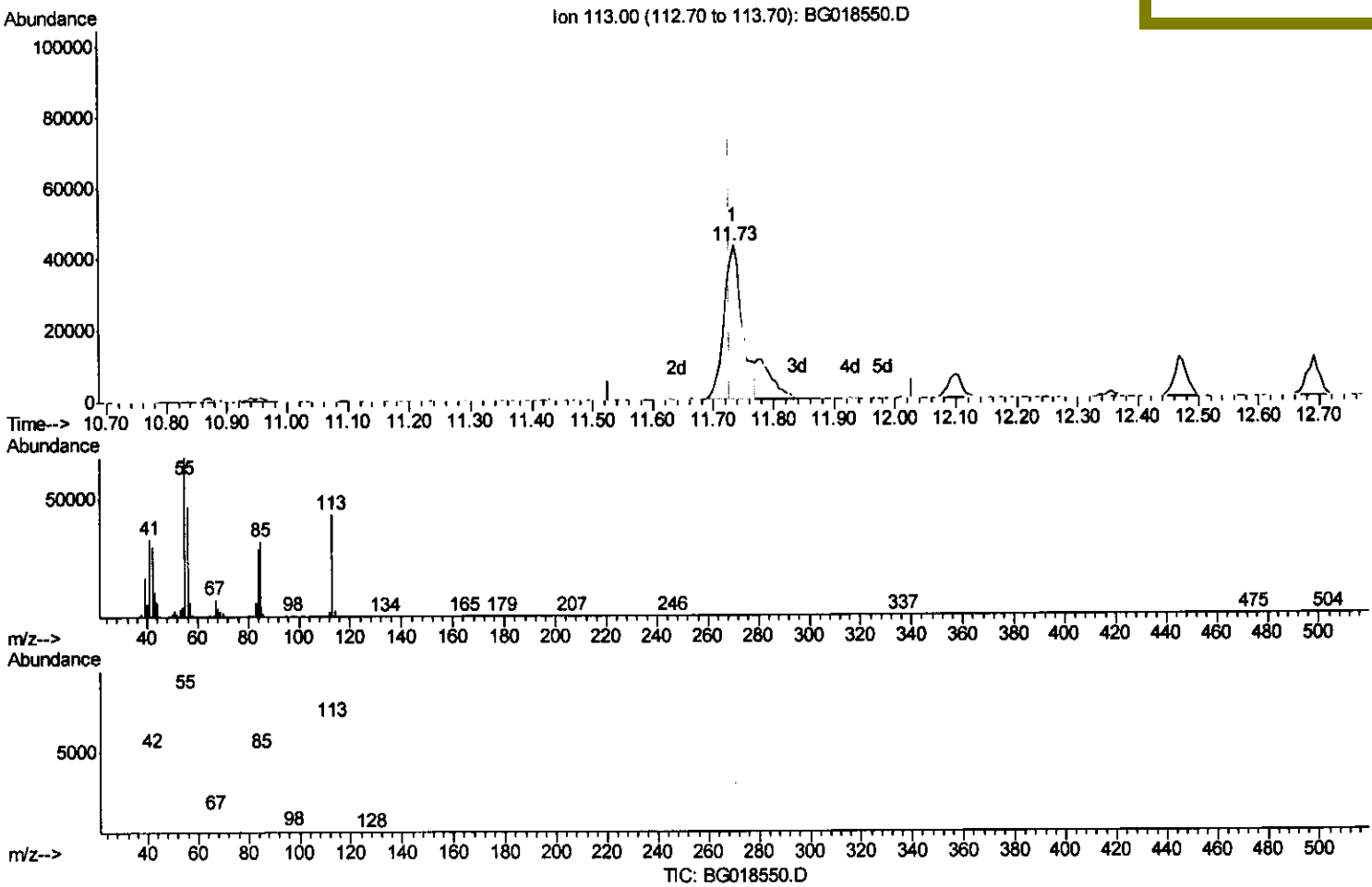
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 03:40:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM



TIC: BG018550.D

(32) Caprolactam

11.733min (+0.006) 17.34ng/ul

response 91224

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	156.43
56.00	122.80	108.26
0.00	0.00	0.00

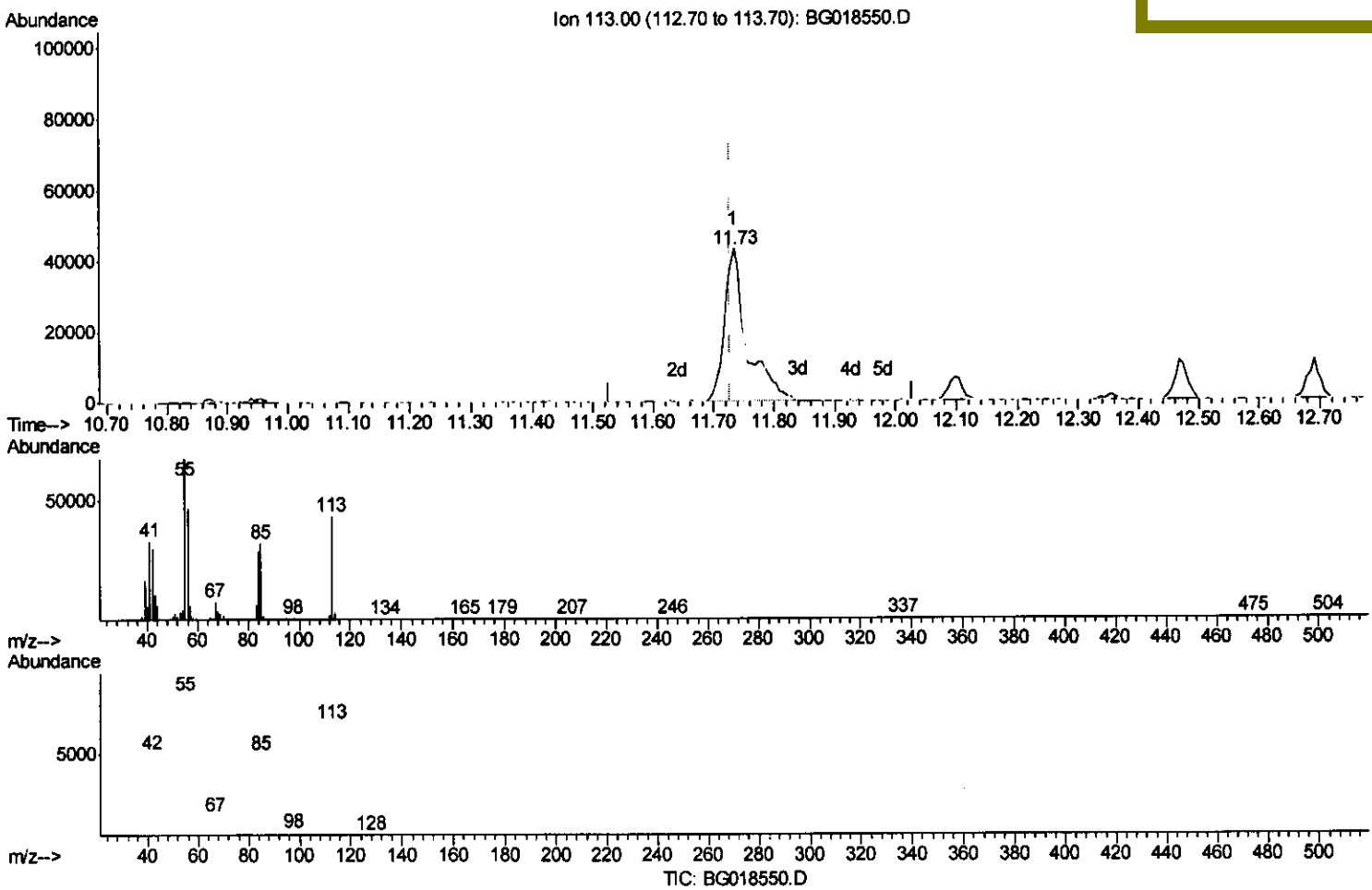
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 03:40:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM



TIC: BG018550.D

(32) Caprolactam

11.733min (+0.006) 21.15ng/ul m

response 111293

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	156.43
56.00	122.80	108.26
0.00	0.00	0.00

U.M 09/01/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 05:44:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	173407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	827387	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	545420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	1217365	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	1185410	20.00	ng/ul	-0.02
86) Perylene-d12	24.85	264	1219787	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	22335	5.69	ng/uL	0.00
5) Phenol-d5	7.17	99	326637	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	183245	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	236031	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	278592	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	134934	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	141893	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	313944	22.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	386543	24.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	867953	18.91	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1126720	19.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	168855	20.46	ng/ul	0.00
58) Fluorene-d10	15.63	176	792776	19.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	128422	21.45	ng/ul	0.00
71) Anthracene-d10	17.48	188	1164440	20.00	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1199742	19.51	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1296018	20.01	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	25993	6.19	ng/uL#	70
4) Benzaldehyde	7.15	77	211077	22.86	ng/ul	96
6) Phenol	7.20	94	343590	21.40	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	238193	19.29	ng/ul	98
10) 2-Chlorophenol	7.58	128	247753	20.17	ng/ul	93
11) 2-Methylphenol	8.45	108	269663	21.66	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	319945	16.14	ng/ul#	92
14) Acetophenone	8.83	105	409007	21.41	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.82	70	206333	18.82	ng/ul	93
16) 4-Methylphenol	8.78	108	297519	21.90	ng/ul	98
17) Hexachloroethane	9.10	117	95829	18.10	ng/ul	94
20) Nitrobenzene	9.22	77	313377	19.25	ng/ul	91
21) Isophorone	9.74	82	595742	19.03	ng/ul	98
23) 2-Nitrophenol	9.92	139	154214	21.14	ng/ul#	87
24) 2,4-Dimethylphenol	9.99	107	317985	19.46	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	377654	19.35	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	286707	21.95	ng/ul	97
28) Naphthalene	10.87	128	896108	20.49	ng/ul	99
30) 4-Chloroaniline	10.97	127	377256	23.54	ng/ul	96
31) Hexachlorobutadiene	11.16	225	161304	19.56	ng/ul	95
32) Caprolactam	11.73	113	111293m	21.15	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	316518	20.92	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	675032	21.32	ng/ul	92

U.M
09/01/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 05:44:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	653153	21.12	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	356459	20.38	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	126822	12.18	ng/ul	94
39) 2,4,6-Trichlorophenol	13.08	196	251540	21.11	ng/ul	98
40) 2,4,5-Trichlorophenol	13.15	196	266654	20.82	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	886400	19.47	ng/ul	98
42) 2-Chloronaphthalene	13.52	162	688289	19.47	ng/ul	97
43) 2-Nitroaniline	13.72	65	216023	18.92	ng/ul	85
45) Dimethylphthalate	14.09	163	845673	18.68	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	191135	21.20	ng/ul#	87
48) Acenaphthylene	14.37	152	1160064	20.02	ng/ul	97
49) 3-Nitroaniline	14.54	138	222083	24.15	ng/ul	87
50) Acenaphthene	14.71	153	808593	19.89	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	91627	20.84	ng/ul	88
53) 4-Nitrophenol	14.85	109	122802	17.11	ng/ul	91
54) Dibenzofuran	15.04	168	1067102	20.09	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	270388	21.02	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.26	232	239029	21.42	ng/ul#	94
57) Diethylphthalate	15.45	149	857194	17.82	ng/ul	95
59) Fluorene	15.69	166	897279	19.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	429347	19.85	ng/ul	96
61) 4-Nitroaniline	15.70	138	221391	21.80	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.76	198	139564	21.85	ng/ul	92
65) N-Nitrosodiphenylamine	15.89	169	761850	20.80	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	283530	21.54	ng/ul	96
67) Hexachlorobenzene	16.69	284	295640	21.23	ng/ul	92
68) Atrazine	16.84	200	301864	22.02	ng/ul	96
69) Pentachlorophenol	17.03	266	184960	19.84	ng/ul	97
70) Phenanthrene	17.43	178	1326754	20.09	ng/ul	98
72) Anthracene	17.51	178	1356433	20.15	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	371260	22.04	ng/uL	99
74) Pentachlorobenzene	14.96	250	354969	22.07	ng/uL	95
75) Carbazole	17.78	167	1276893	21.64	ng/ul	98
76) Di-n-butylphthalate	18.34	149	1449246	18.80	ng/ul	97
77) Fluoranthene	19.43	202	1493185	21.17	ng/ul	97
80) Pyrene	19.79	202	1514746	18.90	ng/ul	98
81) Butylbenzylphthalate	20.68	149	665183	19.62	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	504653	20.50	ng/ul	99
83) Benzo(a)anthracene	21.62	228	1466721	19.96	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.53	149	961966	20.08	ng/ul	96
85) Chrysene	21.69	228	1362466	19.83	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	1591400	20.22	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	1476729	19.27	ng/ul	99
89) Benzo(k)fluoranthene	23.89	252	1470548	19.93	ng/ul	98
91) Benzo(a)pyrene	24.69	252	1451045	19.91	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	1687683	20.02	ng/ul	97
93) Dibenzo(a,h)anthracene	28.55	278	1379205	19.69	ng/ul	97
94) Benzo(g,h,i)perylene	29.62	276	1390802	19.64	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 05:44:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:49:56 PM

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

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