

(QT Reviewed)

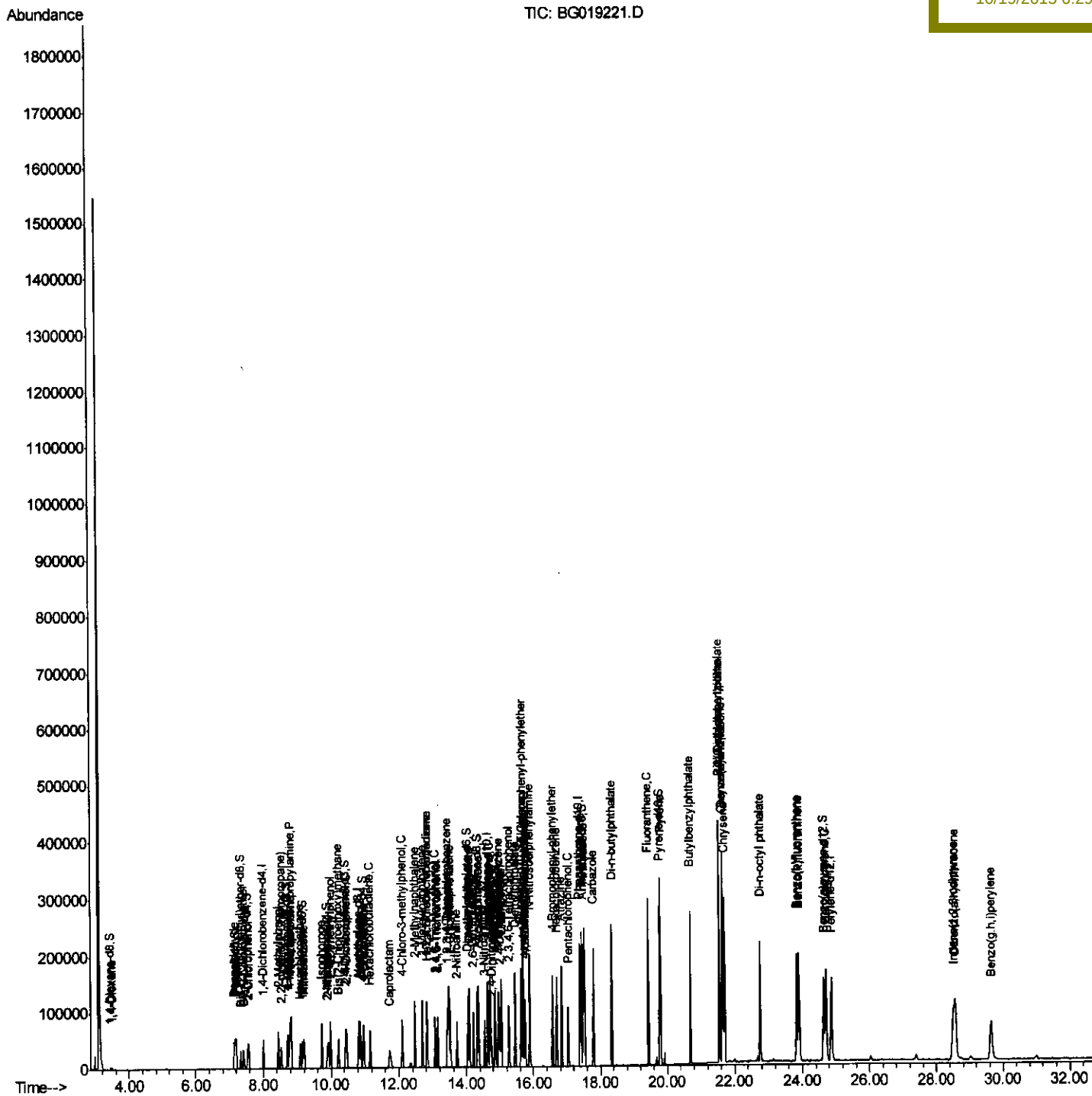
```
Data Path   : Z:\HPCHEM1\BNA G\DATA\BG101615\  
Data File  : BG019221.D  
Acq On     : 16 Oct 2015   13:43  
Operator   : UM/NP  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02012

Quant Time: Oct 17 06:29:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration

Manual Integrations

MMdadoda
10/19/2015 6:29:22 PM



Quantitation Report (Qedit)

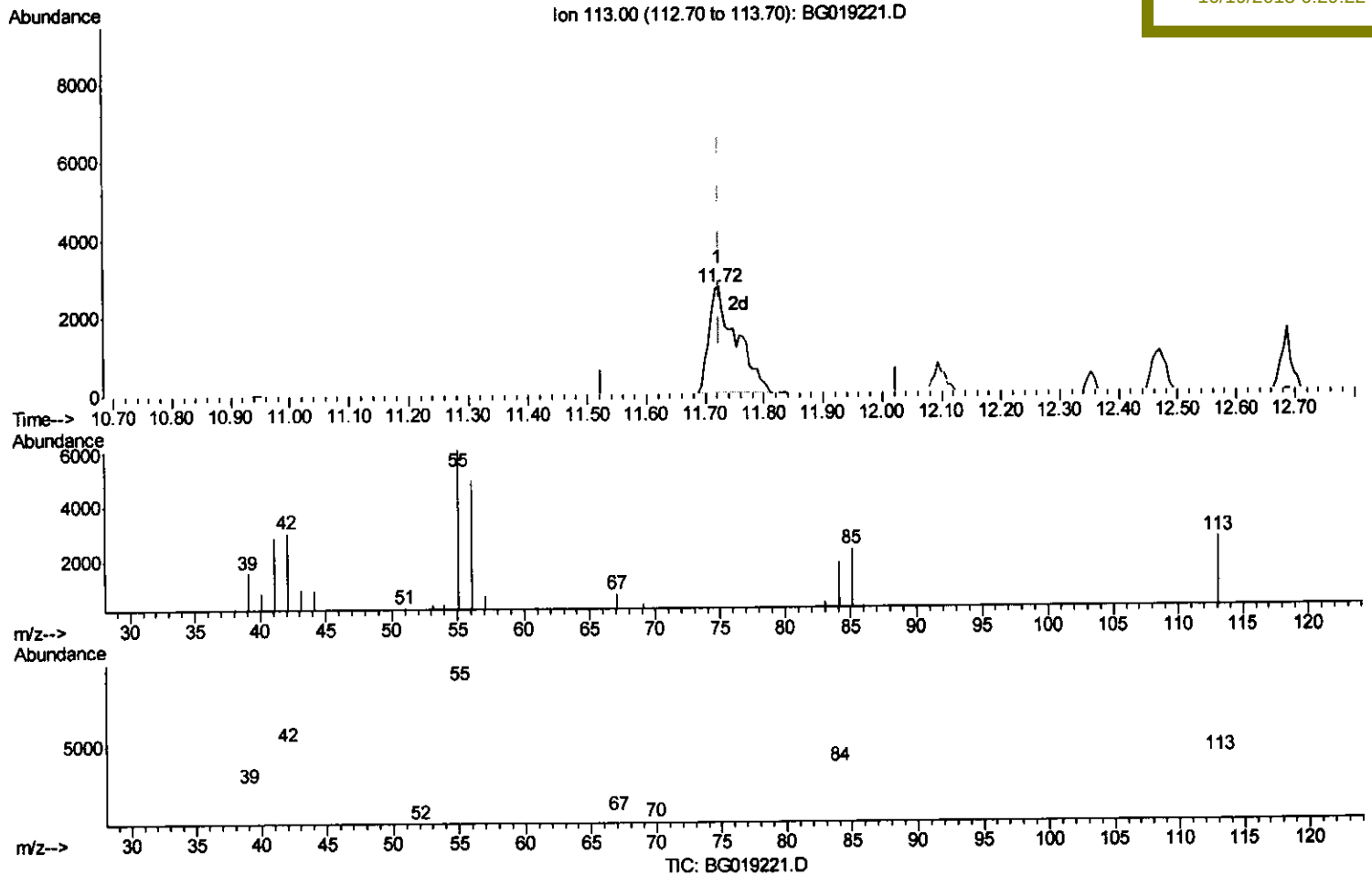
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019221.D
 Acq On : 16 Oct 2015 13:43
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02012

Quant Time: Oct 17 06:27:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:22 PM



(32) Caprolactam

11.723min (-0.001) 21.91ng/ul m U.M
11/3/15
 response 8696

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	225.08
56.00	157.30	183.01
0.00	0.00	0.00

Quantitation Report (Qedit)

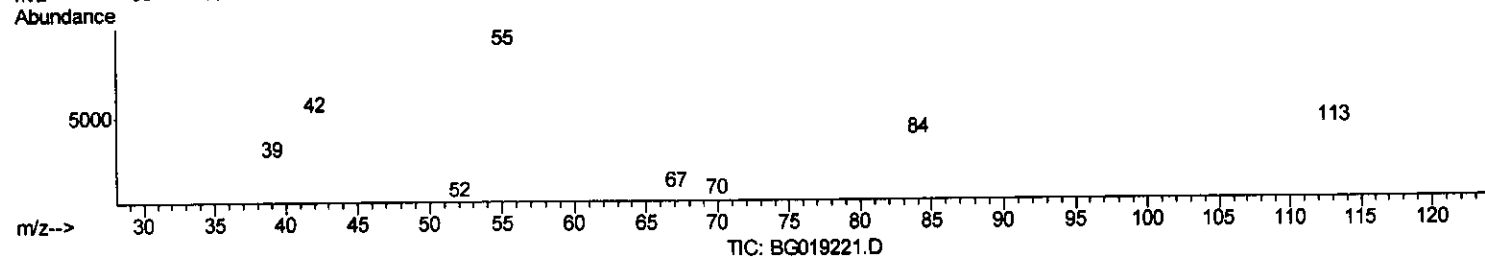
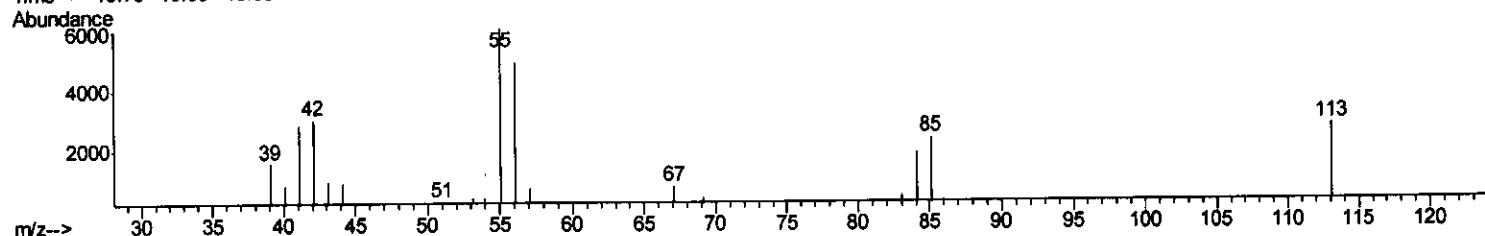
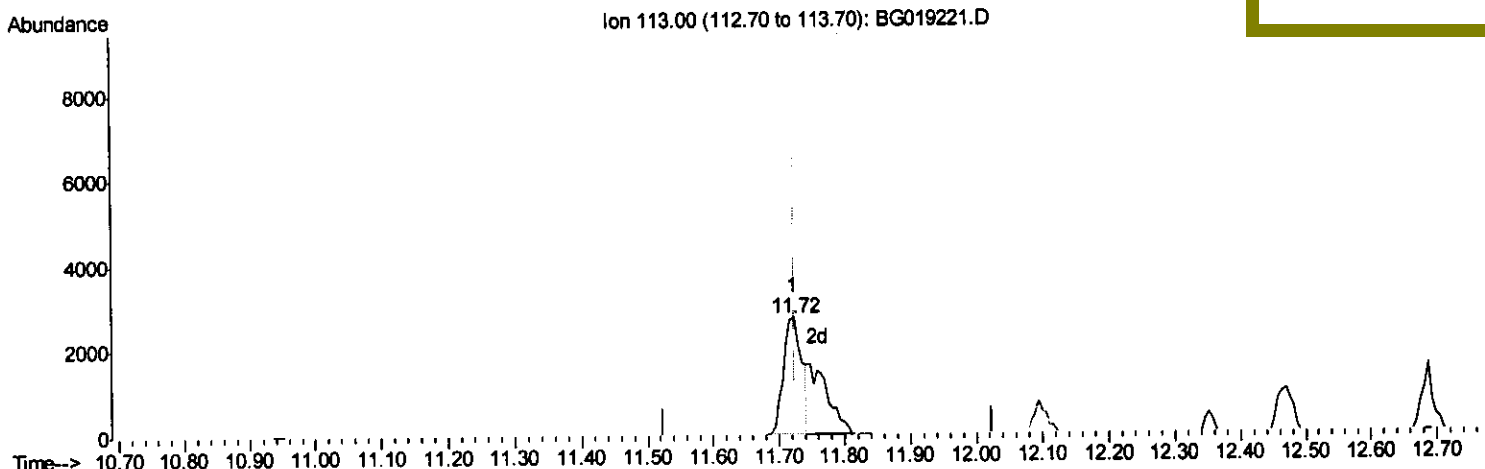
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019221.D
 Acq On : 16 Oct 2015 13:43
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02012

Quant Time: Oct 17 06:27:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:22 PM



(32) Caprolactam

11.723min (-0.001) 13.35ng/ul

response 5300

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	225.08
56.00	157.30	183.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019221.D
 Acq On : 16 Oct 2015 13:43
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02012

Quant Time: Oct 17 06:29:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	65566	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	49407	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	130693	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	172886	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	163057	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.45	96	1949	7.71	ng/uL	0.01
5) Phenol-d5	7.17	99	24431	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	15385	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	18143	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	21215	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	9758	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	11691	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	22392	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	29957	21.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	83509	19.33	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	93585	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	16456	21.18	ng/ul	0.00
58) Fluorene-d10	15.63	176	71952	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	16548	20.52	ng/ul	0.00
71) Anthracene-d10	17.48	188	124979	20.24	ng/ul	0.00
79) Pyrene-d10	19.77	212	155129	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	167292	20.31	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.48	88	2188	7.34	ng/uL	90
4) Benzaldehyde	7.14	77	16185	22.65	ng/ul	87
6) Phenol	7.20	94	25640	20.03	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.42	93	17551	19.33	ng/ul	94
10) 2-Chlorophenol	7.57	128	18391	19.99	ng/ul	96
11) 2-Methylphenol	8.45	108	19132	19.04	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	34954	17.27	ng/ul	98
14) Acetophenone	8.83	105	35296	20.08	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.81	70	18849	20.98	ng/ul	93
16) 4-Methylphenol	8.78	108	22531	19.98	ng/ul	96
17) Hexachloroethane	9.09	117	7719	19.49	ng/ul	98
20) Nitrobenzene	9.21	77	28239	20.39	ng/ul#	94
21) Isophorone	9.73	82	54542	20.21	ng/ul#	96
23) 2-Nitrophenol	9.93	139	11649	20.44	ng/ul#	72
24) 2,4-Dimethylphenol	9.98	107	28467	20.63	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.21	93	27309	19.59	ng/ul#	97
27) 2,4-Dichlorophenol	10.46	162	22514	21.00	ng/ul	96
28) Naphthalene	10.87	128	66269	19.34	ng/ul	98
30) 4-Chloroaniline	10.97	127	30035	21.31	ng/ul	98
31) Hexachlorobutadiene	11.15	225	15521	19.82	ng/ul	97
32) Caprolactam	11.72	113	8696m	21.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	29464	21.81	ng/ul	88
34) 2-Methylnaphthalene	12.47	142	54608	20.10	ng/ul	97

UM
 11/3/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019221.D
 Acq On : 16 Oct 2015 13:43
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02012

Quant Time: Oct 17 06:29:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	52464	19.72	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	31088	19.63	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	16692	17.72	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.07	196	20500	20.82	ng/ul	90
40) 2,4,5-Trichlorophenol	13.14	196	23238	21.45	ng/ul	98
41) 1,1'-Biophenyl	13.47	154	74436	19.30	ng/ul#	92
42) 2-Chloronaphthalene	13.52	162	59013	19.79	ng/ul	95
43) 2-Nitroaniline	13.71	65	24339	20.86	ng/ul	91
45) Dimethylphthalate	14.09	163	85383	19.61	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	17007	20.49	ng/ul#	81
48) Acenaphthylene	14.36	152	101055	19.62	ng/ul	99
49) 3-Nitroaniline	14.54	138	17697	22.25	ng/ul	93
50) Acenaphthene	14.70	153	67170	19.47	ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	9712	20.44	ng/ul#	78
53) 4-Nitrophenol	14.85	109	19458	22.91	ng/ul#	66
54) Dibenzofuran	15.04	168	96224	19.74	ng/ul#	86
55) 2,4-Dinitrotoluene	15.00	165	27591	20.48	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.26	232	23216	22.30	ng/ul#	90
57) Diethylphthalate	15.45	149	88657	19.62	ng/ul	98
59) Fluorene	15.68	166	84084	20.15	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.68	204	42175	19.60	ng/ul	91
61) 4-Nitroaniline	15.71	138	19929	21.15	ng/ul#	72
64) 4,6-Dinitro-2-methylphenol	15.76	198	16078	19.74	ng/ul#	94
65) N-Nitrosodiphenylamine	15.89	169	72820	20.27	ng/ul	95
66) 4-Bromophenyl-phenylether	16.57	248	29124	19.71	ng/ul#	92
67) Hexachlorobenzene	16.69	284	33977	19.85	ng/ul	97
68) Atrazine	16.84	200	35188	20.38	ng/ul	97
69) Pentachlorophenol	17.03	266	18095	20.56	ng/ul	93
70) Phenanthrene	17.43	178	147292	20.18	ng/ul	100
72) Anthracene	17.52	178	147900	19.95	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	31438	19.74	ng/uL	95
74) Pentachlorobenzene	14.95	250	33530	19.23	ng/uL	96
75) Carbazole	17.79	167	135906	21.26	ng/ul	98
76) Di-n-butylphthalate	18.34	149	164755	19.58	ng/ul#	98
77) Fluoranthene	19.44	202	190813	20.89	ng/ul#	92
80) Pyrene	19.80	202	202705	19.75	ng/ul#	92
81) Butylbenzylphthalate	20.68	149	75141	20.14	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	59941	18.98	ng/ul	98
83) Benzo(a)anthracene	21.63	228	193221	19.79	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	102010	19.78	ng/ul#	97
85) Chrysene	21.70	228	181869	19.69	ng/ul	98
87) Di-n-octyl phthalate	22.75	149	174447	20.10	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	184823	19.99	ng/ul#	97
89) Benzo(k)fluoranthene	23.90	252	187034	20.61	ng/ul#	97
91) Benzo(a)pyrene	24.71	252	180998	20.35	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.51	276	200733	19.01	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.57	278	178405	19.39	ng/ul#	93
94) Benzo(a,h,i)perylene	29.64	276	148802	17.14	ng/ul#	92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019221.D
Acq On : 16 Oct 2015 13:43
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 06:29:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02012

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:22 PM

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

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