

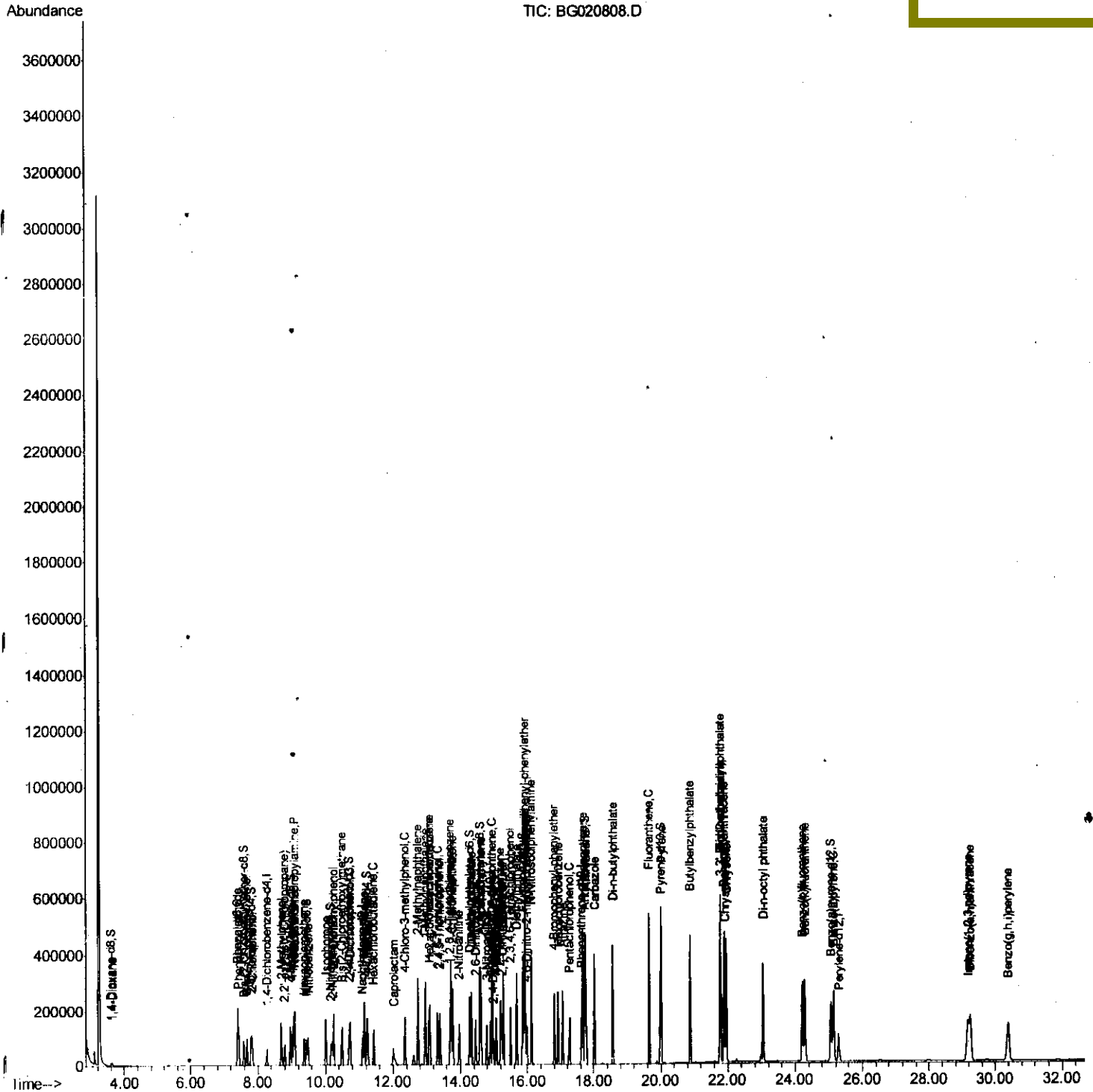
```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\  
Data File : BG020808.D  
Acq On : 8 Feb 2016 18:07  
Operator : SJ/UM  
Sample : SSTD04018  
Misc :  
ALS Vial : 5 Sample Multiplier: 1
```

Quant Time: Feb 09 04:52:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
Qlast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04018

Manual Integrations

UMANGI
2/9/2016 12:38:42 PM



Quantitation Report (Qedit)

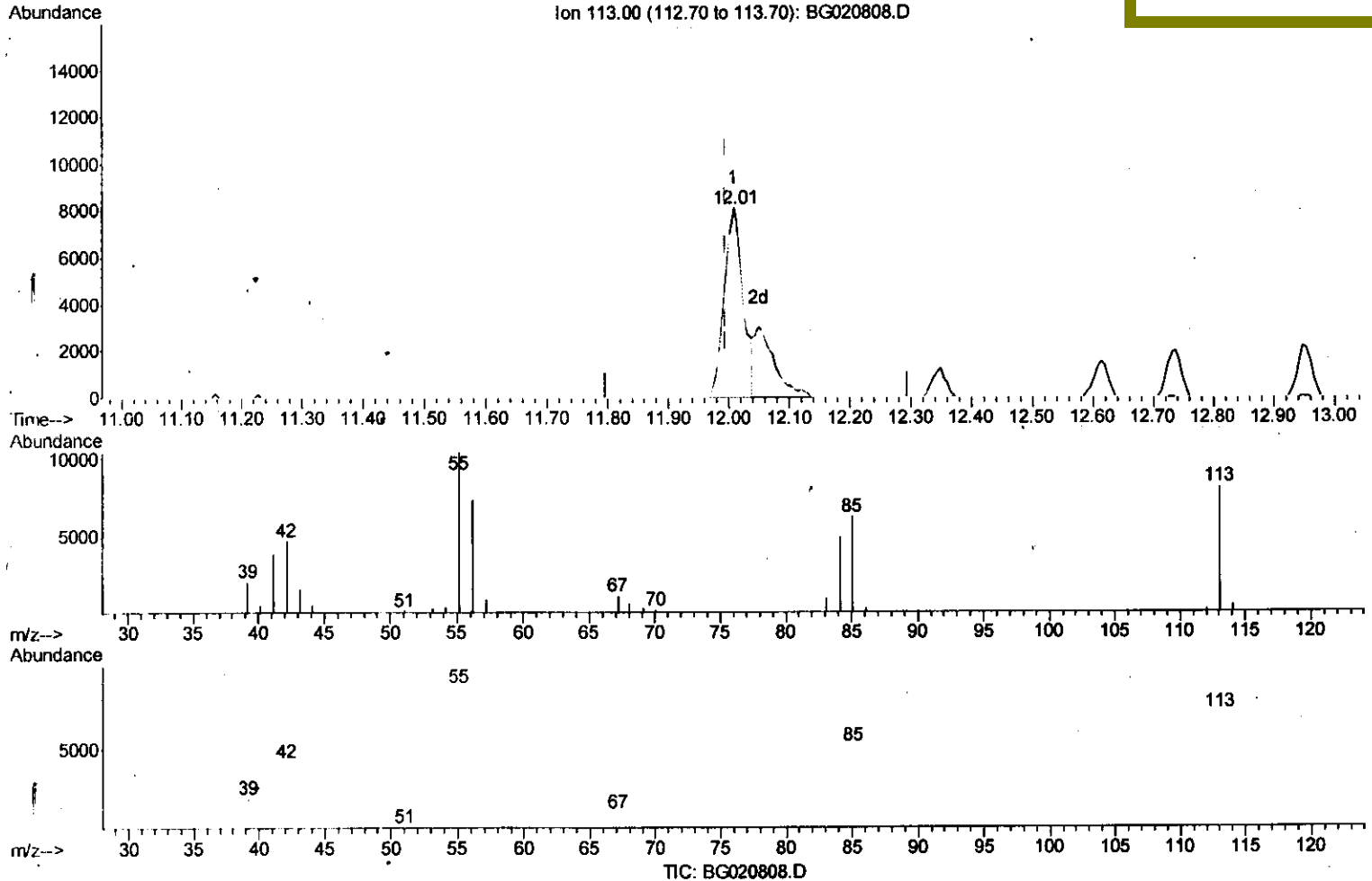
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
 Data File : BG020808.D
 Acq On : 8 Feb 2016 18:07
 Operator : SJ/UM
 Sample : SSTP04018
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 04:42:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 04:36:21 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04018

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:38:42 PM



(32) Caprolactam

12.008min (+0.012) 24.59ng/ul

response 17217

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	127.23
56.00	97.70	90.52
0.00	0.00	0.00

Quantitation Report (Qedit)

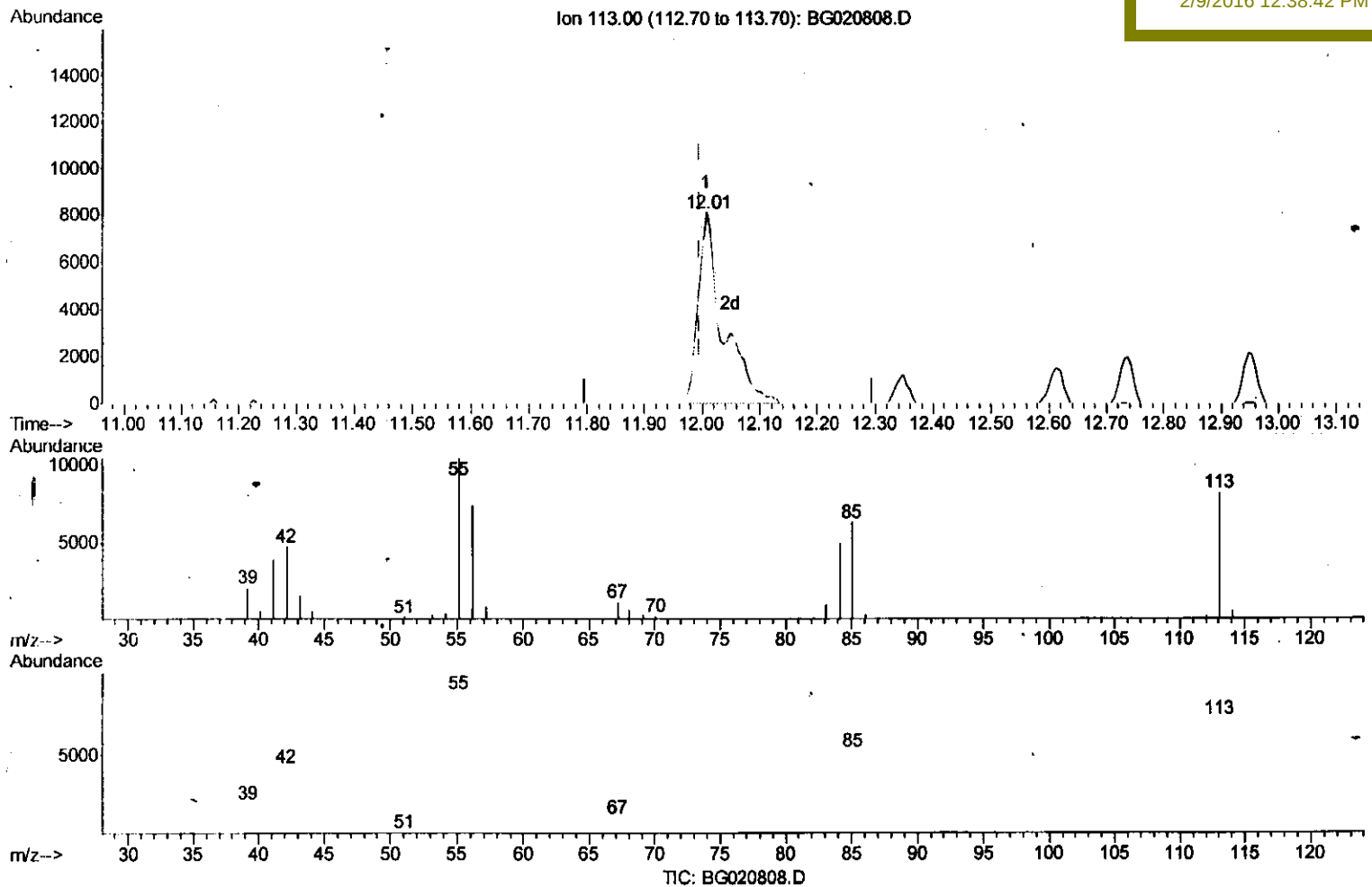
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
 Data File : BG020808.D
 Acq On : 8 Feb 2016 18:07
 Operator : SJ/UM
 Sample : SST04018
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 04:42:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 04:36:21 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SST04018

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:38:42 PM



(32) Caprolactam

12.008min (+0.012) 34.72ng/ul m

response 24308

SJ
 2/11/16

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	127.23
56.00	97.70	90.52
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
 Data File : BG020808.D
 Acq On : 8 Feb 2016 18:07
 Operator : SJ/UM
 Sample : SSTD04018
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04018

Quant Time: Feb 09 04:52:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 04:36:21 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:38:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18764	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	97324	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	57179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	116808	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	109287	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	99821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	6346	15.30	ng/uL	0.00
5) Phenol-d5	7.41	99	75971	40.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	40188	38.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	60503	40.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	66074	39.10	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	31908	38.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	32789	40.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	60406	39.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	85508	37.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	188121	36.40	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	238639	37.75	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	38029	36.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	160764	36.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	23030	44.40	ng/ul	0.00
71) Anthracene-d10	17.72	188	231013	38.49	ng/ul	0.00
79) Pyrene-d10	19.99	212	224345	38.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	225195	39.68	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	7272	15.73	ng/uL	97
4) Benzaldehyde	7.40	77	47875	39.11	ng/ul	96
6) Phenol	7.44	94	80294	38.95	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	61666	38.29	ng/ul	97
10) 2-Chlorophenol	7.83	128	61730	39.36	ng/ul	97
11) 2-Methylphenol	8.70	108	63666	39.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.80	45	64567	38.21	ng/ul	97
14) Acetophenone	9.10	105	99790	38.61	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.08	70	51093	38.51	ng/ul	97
16) 4-Methylphenol	9.04	108	70616	38.90	ng/ul	97
17) Hexachloroethane	9.37	117	22819	39.28	ng/ul	99
20) Nitrobenzene	9.49	77	65617	37.50	ng/ul	95
21) Isophorone	10.01	82	143219	37.80	ng/ul	99
23) 2-Nitrophenol	10.20	139	38330	40.68	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	73302	38.62	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.49	93	91489	37.91	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	63143	39.31	ng/ul	99
28) Naphthalene	11.15	128	213938	38.21	ng/ul	99
30) 4-Chloroaniline	11.25	127	90837	37.59	ng/ul	97
31) Hexachlorobutadiene	11.43	225	29452	38.42	ng/ul	98
32) Caprolactam	12.01	113	24308m	34.72	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	71484	37.11	ng/ul	94
34) 2-Methylnaphthalene	12.74	142	160952	37.90	ng/ul	98

S.J
 2/11/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
 Data File : BG020808.D
 Acq On : 8 Feb 2016 18:07
 Operator : SJ/UM
 Sample : SST04018
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST04018

Quant Time: Feb 09 04:52:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Tue Feb 09 04:36:21 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:38:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	150775	37.54	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	67377	39.59	ng/ul	99
38) Hexachlorocyclopentadiene	13.08	237	36097	43.33	ng/ul	93
39) 2,4,6-Trichlorophenol	13.32	196	48072	38.67	ng/ul	99
40) 2,4,5-Trichlorophenol	13.39	196	52168	38.19	ng/ul	96
41) 1,1'-Biphenyl	13.72	154	204491	38.81	ng/ul	99
42) 2-Chloronaphthalene	13.77	162	150467	38.24	ng/ul	97
43) 2-Nitroaniline	13.96	65	40901	37.50	ng/ul	98
45) Dimethylphthalate	14.33	163	192273	35.59	ng/ul	97
46) 2,6-Dinitrotoluene	14.45	165	40042	37.66	ng/ul	98
48) Acenaphthylene	14.61	152	261927	37.38	ng/ul	99
49) 3-Nitroaniline	14.78	138	46592	36.94	ng/ul	99
50) Acenaphthene	14.95	153	181883	37.95	ng/ul	98
51) 2,4-Dinitrophenol	14.98	184	15136	44.83	ng/ul	96
53) 4-Nitrophenol	15.07	109	21854	35.85	ng/ul	98
54) Dibenzofuran	15.28	168	231072	36.29	ng/ul	98
55) 2,4-Dinitrotoluene	15.23	165	55570	36.98	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.50	232	44213	37.82	ng/ul	97
57) Diethylphthalate	15.69	149	201159	35.36	ng/ul	99
59) Fluorene	15.93	166	200167	36.66	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	85625	37.03	ng/ul	98
61) 4-Nitroaniline	15.94	138	51325	36.25	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	26279	44.50	ng/ul#	93
65) N-Nitrosodiphenylamine	16.13	169	164167	39.74	ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	51161	39.51	ng/ul	98
67) Hexachlorobenzene	16.92	284	55877	39.58	ng/ul	96
68) Atrazine	17.07	200	52274	39.60	ng/ul	98
69) Pentachlorophenol	17.27	266	32956	41.11	ng/ul	93
70) Phenanthrene	17.66	178	296765	38.92	ng/ul	99
72) Anthracene	17.75	178	296593	38.24	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	64751	44.47	ng/uL	97
74) Pentachlorobenzene	15.20	250	62108	41.33	ng/uL	100
75) Carbazole	18.02	167	262099	38.39	ng/ul	97
76) Di-n-butylphthalate	18.56	149	340678	39.37	ng/ul	99
77) Fluoranthene	19.66	202	309339	38.84	ng/ul	99
80) Pyrene	20.01	202	314256	38.21	ng/ul	96
81) Butylbenzylphthalate	20.88	149	149795	39.90	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.79	252	102236	39.54	ng/ul	98
83) Benzo(a)anthracene	21.89	228	284798	38.59	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	224779	39.36	ng/ul	99
85) Chrysene	21.95	228	262415	38.47	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	369050	39.54	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	278871	39.62	ng/ul	99
89) Benzo(k)fluoranthene	24.29	252	259795	38.82	ng/ul	98
91) Benzo(a)pyrene	25.14	252	262082	39.87	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.17	276	301756	39.45	ng/ul	99
93) Dibenzo(a,h)anthracene	29.25	278	247940	39.48	ng/ul	99
94) Benzo(g,h,i)perylene	30.40	276	247123	40.05	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
Data File : BG020808.D
Acq On : 8 Feb 2016 18:07
Operator : SJ/UM
Sample : SST04018
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04018

Quant Time: Feb 09 04:52:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:38:42 PM

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

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