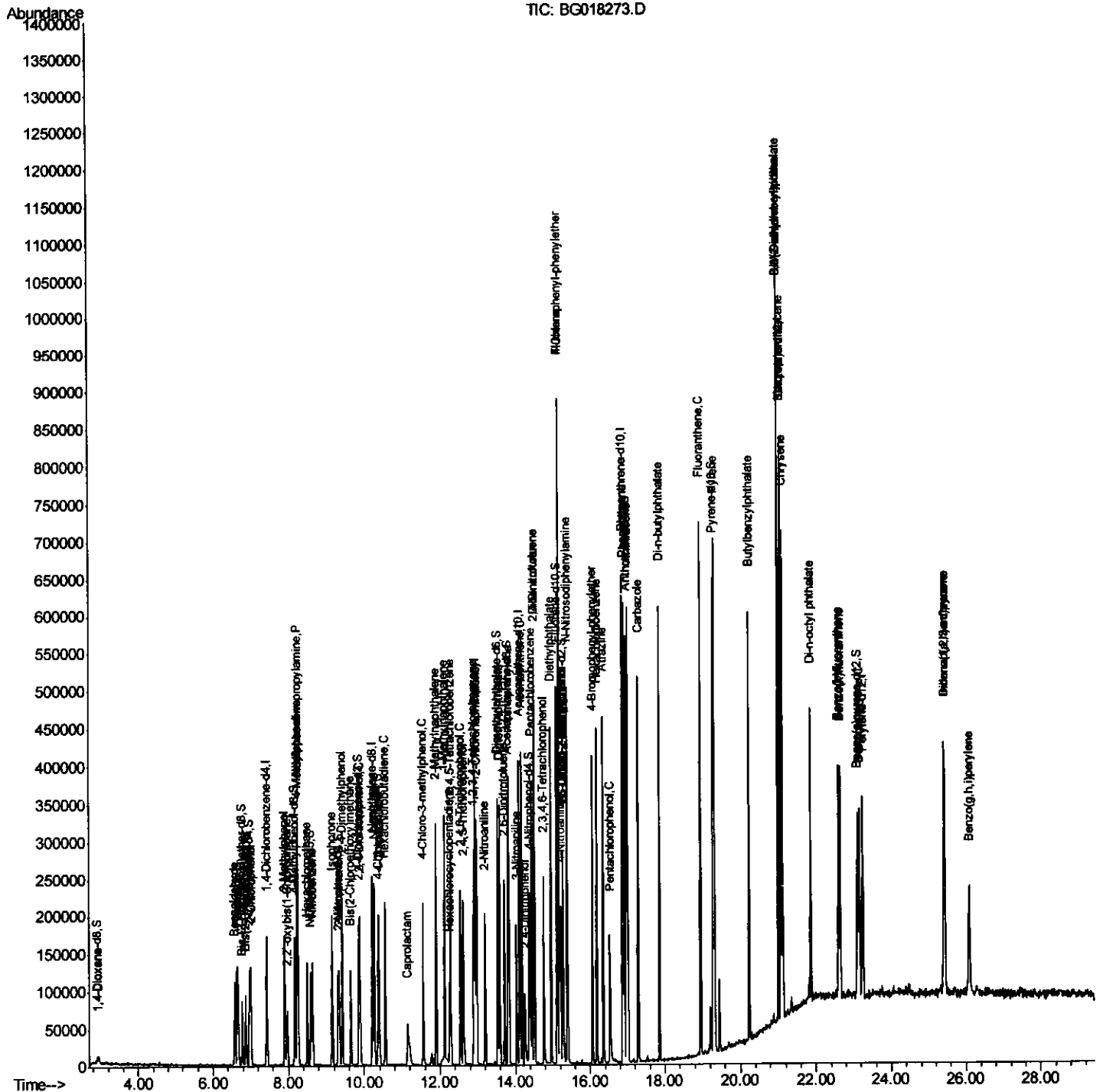


```
Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG080515\  
Data File  : BG018273.D  
Acq On     : 5 Aug 2015 16:46  
Operator   : UM/TP  
Sample     : SSTD02061  
Misc       :  
ALS Vial   : 4      Sample Multiplier: 1
```

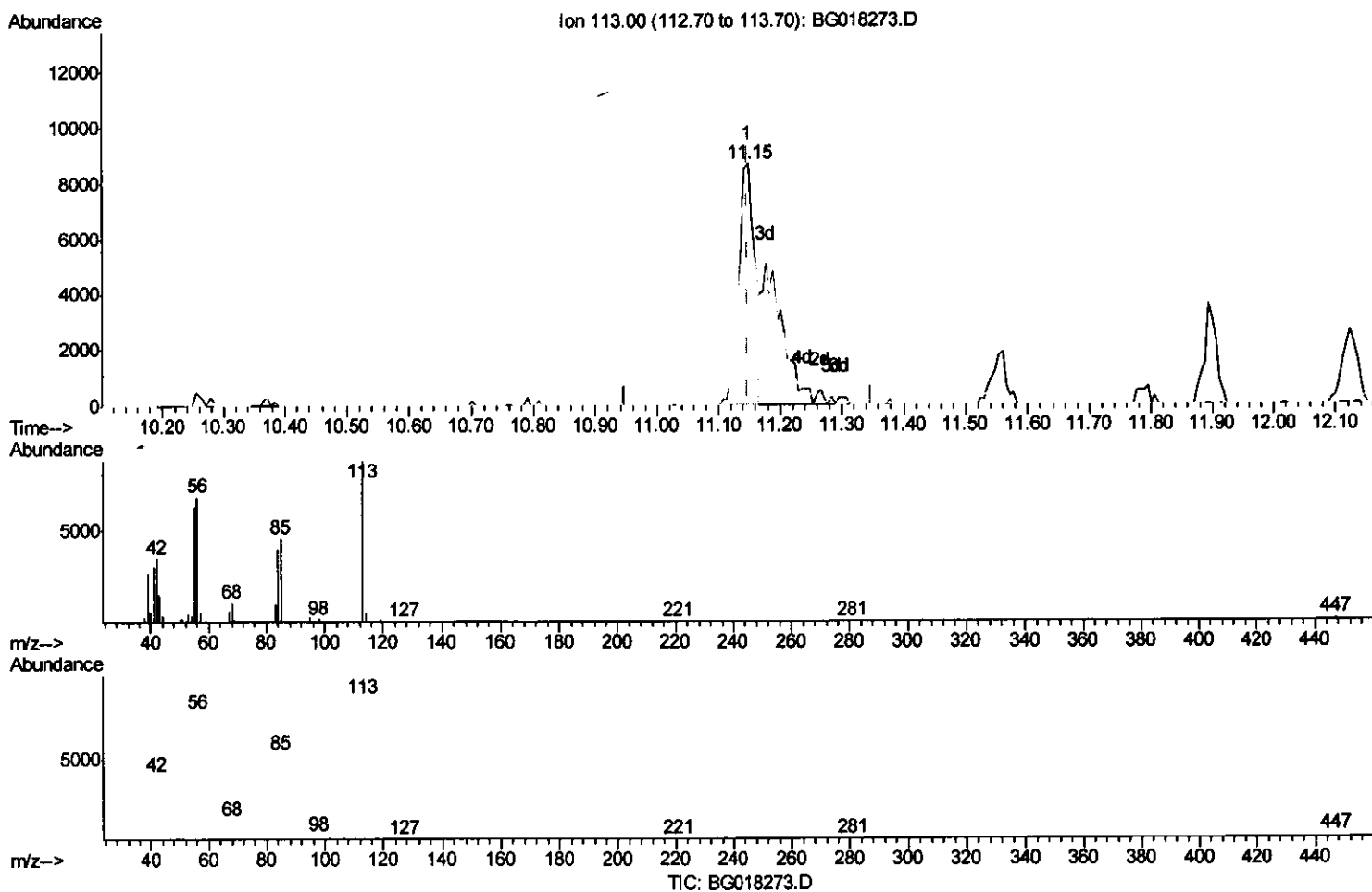
Quant Time: Aug 06 01:51:27 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
Quant Title : SVOA CALIBRATION  
Qlast Update : Thu Aug 06 01:36:46 2015  
Response via : Initial Calibration



## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
Data File : BG018273.D  
Acq On : 5 Aug 2015 16:46  
Operator : UM/TP  
Sample : SSTD02061  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:49:48 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 06 01:36:46 2015  
Response via : Initial Calibration



(32) Caprolactam

11.148min (0.000) 12.09ng/ul

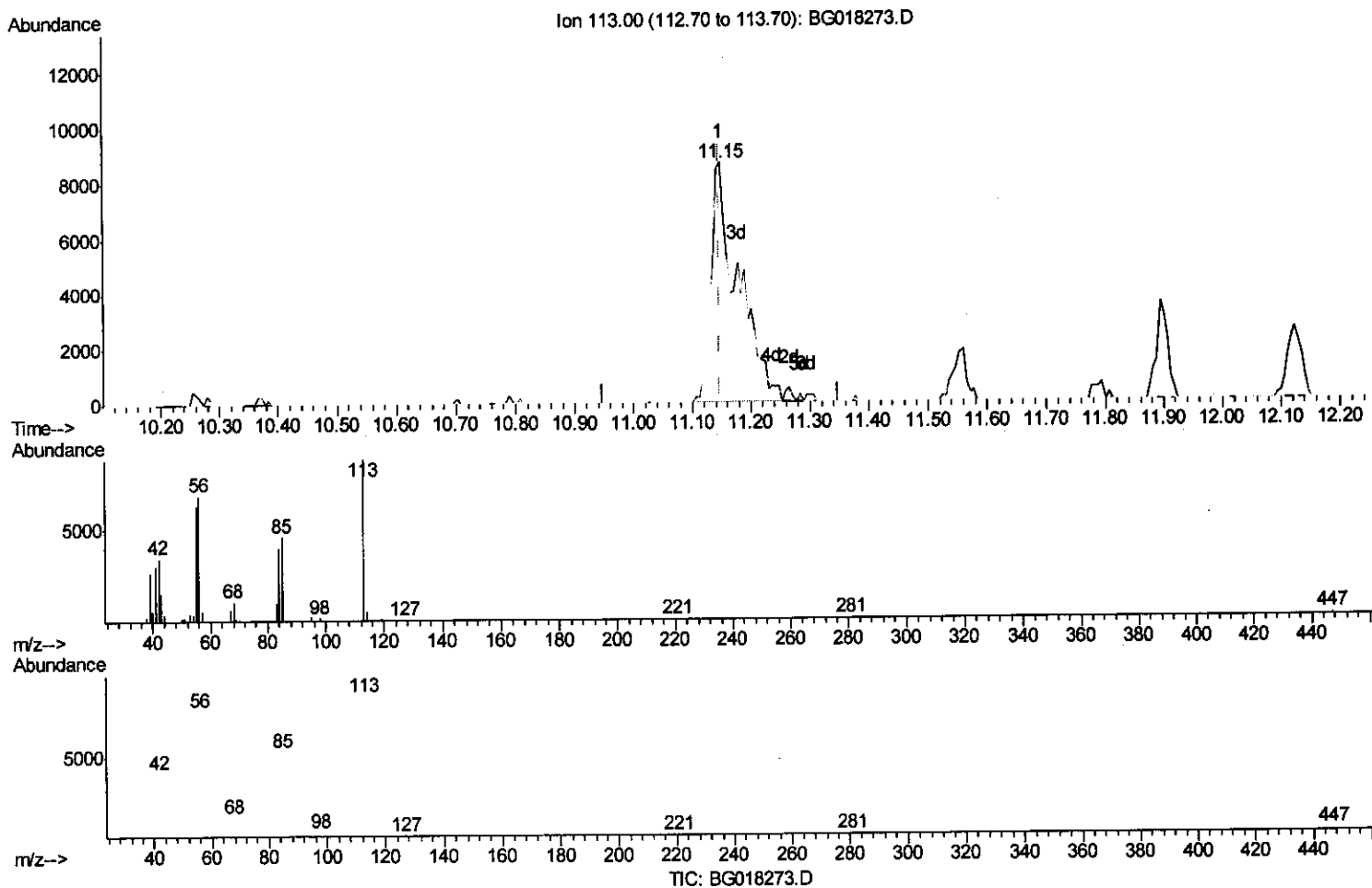
response 16342

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 55.00  | 71.40 | 71.44 |
| 56.00  | 78.00 | 78.03 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018273.D  
 Acq On : 5 Aug 2015 16:46  
 Operator : UM/TP  
 Sample : SST02061  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:49:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration



(32) Caprolactam

11.148min (0.000) 20.84ng/ul m

response 28181

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 55.00  | 71.40 | 71.44 |
| 56.00  | 78.00 | 78.03 |
| 0.00   | 0.00  | 0.00  |

T. P  
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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018273.D  
 Acq On : 5 Aug 2015 16:46  
 Operator : UM/TP  
 Sample : SST02061  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:51:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 42001    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 197518   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.11 | 164  | 140021   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.88 | 188  | 358530   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 305116   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.25 | 264  | 182388   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.90  | 96  | 3679   | 6.87  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.64  | 99  | 62634  | 17.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.78  | 67  | 30760  | 16.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 51719  | 18.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 53153  | 17.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 28191  | 18.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.31  | 143 | 32891  | 18.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.86  | 165 | 58951  | 18.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.37 | 131 | 81776  | 20.80 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.53 | 166 | 205580 | 19.19 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.81 | 160 | 241381 | 19.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.38 | 143 | 32726  | 16.93 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.12 | 176 | 189312 | 19.38 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.27 | 200 | 47418  | 19.03 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.98 | 188 | 297395 | 19.28 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 318852 | 21.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.11 | 264 | 174764 | 19.06 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Qvalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 2.94  | 88  | 4140   | 6.91  | ng/uL 100 |
| 4) Benzaldehyde                | 6.58  | 77  | 34190  | 17.55 | ng/ul 100 |
| 6) Phenol                      | 6.66  | 94  | 63150  | 16.94 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 6.87  | 93  | 47354  | 17.62 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.01  | 128 | 51210  | 18.76 | ng/ul 100 |
| 11) 2-Methylphenol             | 7.90  | 108 | 50445  | 17.14 | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.97  | 45  | 36420  | 15.75 | ng/ul 100 |
| 14) Acetophenone               | 8.26  | 105 | 86903  | 18.49 | ng/ul 100 |
| 15) N-Nitroso-di-n-propylamine | 8.25  | 70  | 45534  | 17.36 | ng/ul 100 |
| 16) 4-Methylphenol             | 8.23  | 108 | 57265  | 17.62 | ng/ul 100 |
| 17) Hexachloroethane           | 8.50  | 117 | 24295  | 19.06 | ng/ul 100 |
| 20) Nitrobenzene               | 8.63  | 77  | 67498  | 18.51 | ng/ul 100 |
| 21) Isophorone                 | 9.16  | 82  | 132221 | 17.71 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.34  | 139 | 35144  | 19.35 | ng/ul 100 |
| 24) 2,4-Dimethylphenol         | 9.43  | 107 | 75518  | 19.40 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.65  | 93  | 66914  | 17.29 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 9.88  | 162 | 56454  | 18.60 | ng/ul 100 |
| 28) Naphthalene                | 10.27 | 128 | 173808 | 18.59 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.39 | 127 | 78511  | 20.01 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.55 | 225 | 43240  | 20.02 | ng/ul 100 |
| 32) Caprolactam                | 11.15 | 113 | 28181m | 20.84 | ng/ul 100 |
| 33) 4-Chloro-3-methylphenol    | 11.55 | 107 | 73127  | 18.91 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 142852 | 19.22 | ng/ul 100 |

T.P  
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 Sample : SST02061  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:51:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.12 | 142  | 138275   | 19.34 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.28 | 216  | 79431    | 20.12 | ng/ul | 100      |
| 38) Hexachlorocyclopentadiene  | 12.25 | 237  | 29509    | 14.82 | ng/ul | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.55 | 196  | 53071    | 19.90 | ng/ul | 100      |
| 40) 2,4,5-Trichlorophenol      | 12.62 | 196  | 56513    | 19.81 | ng/ul | 100      |
| 41) 1,1'-Biphenyl              | 12.94 | 154  | 185694   | 18.76 | ng/ul | 100      |
| 42) 2-Chloronaphthalene        | 12.97 | 162  | 145353   | 19.33 | ng/ul | 100      |
| 43) 2-Nitroaniline             | 13.20 | 65   | 48258    | 18.75 | ng/ul | 100      |
| 45) Dimethylphthalate          | 13.59 | 163  | 207841   | 19.41 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.71 | 165  | 46261    | 18.90 | ng/ul | 100      |
| 48) Acenaphthylene             | 13.83 | 152  | 241642   | 19.52 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.04 | 138  | 42903    | 19.75 | ng/ul | 100      |
| 50) Acenaphthene               | 14.18 | 153  | 154234   | 19.22 | ng/ul | 100      |
| 51) 2,4-Dinitrophenol          | 14.26 | 184  | 23651    | 16.30 | ng/ul | 100      |
| 53) 4-Nitrophenol              | 14.39 | 109  | 36019    | 18.07 | ng/ul | 100      |
| 54) Dibenzofuran               | 14.52 | 168  | 237199   | 19.52 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.51 | 165  | 70585    | 19.71 | ng/ul | 100      |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.77 | 232  | 49346    | 17.83 | ng/ul | 100      |
| 57) Diethylphthalate           | 14.96 | 149  | 221633   | 19.91 | ng/ul | 100      |
| 59) Fluorene                   | 15.18 | 166  | 203836   | 19.46 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.18 | 204  | 108930   | 19.19 | ng/ul | 100      |
| 61) 4-Nitroaniline             | 15.21 | 138  | 46187    | 19.25 | ng/ul | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 15.28 | 198  | 46032    | 17.75 | ng/ul | 100      |
| 65) N-Nitrosodiphenylamine     | 15.40 | 169  | 176715   | 19.24 | ng/ul | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.07 | 248  | 76190    | 20.03 | ng/ul | 100      |
| 67) Hexachlorobenzene          | 16.19 | 284  | 90718    | 19.73 | ng/ul | 100      |
| 68) Atrazine                   | 16.36 | 200  | 83459    | 20.43 | ng/ul | 100      |
| 69) Pentachlorophenol          | 16.54 | 266  | 31719    | 13.39 | ng/ul | 100      |
| 70) Phenanthrene               | 16.92 | 178  | 341908   | 19.02 | ng/ul | 100      |
| 72) Anthracene                 | 17.01 | 178  | 346380   | 19.39 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.90 | 216  | 78353    | 19.42 | ng/uL | 100      |
| 74) Pentachlorobenzene         | 14.44 | 250  | 90902    | 20.09 | ng/uL | 100      |
| 75) Carbazole                  | 17.29 | 167  | 304635   | 20.52 | ng/ul | 100      |
| 76) Di-n-butylphthalate        | 17.86 | 149  | 406816   | 20.30 | ng/ul | 100      |
| 77) Fluoranthene               | 18.95 | 202  | 407595   | 20.66 | ng/ul | 100      |
| 80) Pyrene                     | 19.32 | 202  | 398266   | 21.29 | ng/ul | 100      |
| 81) Butylbenzylphthalate       | 20.23 | 149  | 155829   | 20.57 | ng/ul | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.01 | 252  | 128686   | 20.02 | ng/ul | 100      |
| 83) Benzo(a)anthracene         | 21.07 | 228  | 317522   | 19.46 | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.01 | 149  | 190467   | 18.96 | ng/ul | 100      |
| 85) Chrysene                   | 21.12 | 228  | 282038   | 18.97 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 21.87 | 149  | 237177   | 23.68 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.60 | 252  | 214129   | 19.58 | ng/ul | 100      |
| 89) Benzo(k)fluoranthene       | 22.65 | 252  | 200485   | 19.82 | ng/ul | 100      |
| 91) Benzo(a)pyrene             | 23.16 | 252  | 182208   | 18.77 | ng/ul | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.43 | 276  | 230781   | 20.14 | ng/ul | 100      |
| 93) Dibenzo(a,h)anthracene     | 25.44 | 278  | 205351   | 20.74 | ng/ul | 100      |
| 94) Benzo(g,h,i)perylene       | 26.09 | 276  | 189856   | 20.29 | ng/ul | 100      |

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Sample : SSTD02061  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 01:51:27 2015  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 06 01:36:46 2015  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |