

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052620\  
 Data File : BM026107.D  
 Acq On : 26 May 2020 10:20  
 Operator : MA/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02076

Quant Time: May 26 11:17:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 26 11:15:44 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 158409   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 650858   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.13 | 164  | 386282   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.88 | 188  | 806310   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 819624   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.20 | 264  | 838813   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 30152  | 5.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 269423 | 18.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.84  | 67  | 179597 | 18.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.03  | 132 | 200712 | 17.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.21  | 113 | 205158 | 18.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 96079  | 18.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 103156 | 19.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 197063 | 18.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 247835 | 23.19 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.56 | 166 | 542795 | 17.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.82 | 160 | 661891 | 18.04 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 89758  | 16.36 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.13 | 176 | 471028 | 17.48 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.27 | 200 | 76254  | 16.22 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.98 | 188 | 708904 | 17.84 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.28 | 212 | 770737 | 18.31 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.07 | 264 | 806804 | 18.07 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Qvalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.10  | 88  | 32487  | 5.95  | ng/uL | 91     |
| 4) Benzaldehyde                | 6.65  | 77  | 184903 | 19.77 | ng/ul | 94     |
| 6) Phenol                      | 6.72  | 94  | 297314 | 18.46 | ng/ul | 98     |
| 8) Bis(2-Chloroethyl)ether     | 6.93  | 93  | 226158 | 18.25 | ng/ul | 97     |
| 10) 2-Chlorophenol             | 7.06  | 128 | 215097 | 17.54 | ng/ul | 96     |
| 11) 2-Methylphenol             | 7.95  | 108 | 209125 | 18.84 | ng/ul | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.02  | 45  | 397373 | 17.66 | ng/ul | 98     |
| 14) Acetophenone               | 8.30  | 105 | 342038 | 18.83 | ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.30  | 70  | 188439 | 17.60 | ng/ul | 96     |
| 16) 4-Methylphenol             | 8.27  | 108 | 227086 | 18.81 | ng/ul | 97     |
| 17) Hexachloroethane           | 8.55  | 117 | 89637  | 17.04 | ng/ul | 94     |
| 20) Nitrobenzene               | 8.67  | 77  | 275603 | 16.91 | ng/ul | 97     |
| 21) Isophorone                 | 9.20  | 82  | 475770 | 17.55 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.38  | 139 | 115154 | 18.87 | ng/ul | 93     |
| 24) 2,4-Dimethylphenol         | 9.46  | 107 | 255487 | 17.53 | ng/ul | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.69  | 93  | 295044 | 17.26 | ng/ul | 98     |
| 27) 2,4-Dichlorophenol         | 9.91  | 162 | 200039 | 18.30 | ng/ul | 99     |
| 28) Naphthalene                | 10.30 | 128 | 694857 | 17.46 | ng/ul | 99     |
| 30) 4-Chloroaniline            | 10.42 | 127 | 256470 | 22.97 | ng/ul | 99     |
| 31) Hexachlorobutadiene        | 10.60 | 225 | 128714 | 17.55 | ng/ul | 96     |
| 32) Caprolactam                | 11.19 | 113 | 61033  | 20.08 | ng/ul | 94     |
| 33) 4-Chloro-3-methylphenol    | 11.56 | 107 | 229765 | 18.15 | ng/ul | 96     |
| 34) 2-Methylnaphthalene        | 11.92 | 142 | 474548 | 17.73 | ng/ul | 97     |

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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02076

Quant Time: May 26 11:17:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 26 11:15:44 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.15 | 142  | 437373   | 17.61 | ng/ul | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.30 | 216  | 246411   | 17.80 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.29 | 237  | 121630   | 15.24 | ng/ul | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.55 | 196  | 154006   | 19.12 | ng/ul | 97       |
| 40) 2,4,5-Trichlorophenol      | 12.63 | 196  | 163096   | 18.35 | ng/ul | 98       |
| 41) 1,1'-Biphenyl              | 12.96 | 154  | 597913   | 17.44 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 12.99 | 162  | 462241   | 17.48 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.21 | 65   | 158859   | 17.82 | ng/ul | 96       |
| 45) Dimethylphthalate          | 13.60 | 163  | 562875   | 17.31 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 13.72 | 165  | 112369   | 18.83 | ng/ul | 100      |
| 48) Acenaphthylene             | 13.85 | 152  | 710701   | 17.64 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.04 | 138  | 113695   | 21.41 | ng/ul | 94       |
| 50) Acenaphthene               | 14.20 | 153  | 490934   | 17.28 | ng/ul | 97       |
| 51) 2,4-Dinitrophenol          | 14.26 | 184  | 41995    | 12.80 | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.37 | 109  | 79630    | 16.31 | ng/ul | 97       |
| 54) Dibenzofuran               | 14.54 | 168  | 691752   | 17.32 | ng/ul | 99       |
| 55) 2,4-Dinitrotoluene         | 14.52 | 165  | 161847   | 18.30 | ng/ul | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.77 | 232  | 139648   | 18.68 | ng/ul | 98       |
| 57) Diethylphthalate           | 14.99 | 149  | 557636   | 17.34 | ng/ul | 99       |
| 59) Fluorene                   | 15.19 | 166  | 561984   | 17.40 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.19 | 204  | 284229   | 17.63 | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.22 | 138  | 126605   | 19.08 | ng/ul | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.28 | 198  | 82041    | 16.58 | ng/ul | 90       |
| 65) N-Nitrosodiphenylamine     | 15.41 | 169  | 480907   | 17.80 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.09 | 248  | 169898   | 18.09 | ng/ul | 96       |
| 67) Hexachlorobenzene          | 16.20 | 284  | 190769   | 18.07 | ng/ul | 97       |
| 68) Atrazine                   | 16.37 | 200  | 166364   | 18.80 | ng/ul | 100      |
| 69) Pentachlorophenol          | 16.54 | 266  | 91769    | 15.78 | ng/ul | 98       |
| 70) Phenanthrene               | 16.93 | 178  | 877791   | 17.28 | ng/ul | 100      |
| 72) Anthracene                 | 17.02 | 178  | 895495   | 17.57 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.92 | 216  | 241703   | 17.95 | ng/uL | 98       |
| 74) Pentachlorobenzene         | 14.46 | 250  | 230787   | 18.06 | ng/uL | 99       |
| 75) Carbazole                  | 17.29 | 167  | 803063   | 19.05 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.87 | 149  | 935937   | 18.54 | ng/ul | 99       |
| 77) Fluoranthene               | 18.94 | 202  | 1010909  | 18.97 | ng/ul | 98       |
| 80) Pyrene                     | 19.31 | 202  | 1036985  | 18.02 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.24 | 149  | 417042   | 20.48 | ng/ul | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.01 | 252  | 313617   | 20.89 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.07 | 228  | 1009798  | 17.87 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 613280   | 19.43 | ng/ul | 99       |
| 85) Chrysene                   | 21.12 | 228  | 983302   | 17.51 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 21.89 | 149  | 1036563  | 19.66 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.58 | 252  | 984459   | 17.35 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.62 | 252  | 1002136  | 17.68 | ng/ul | 98       |
| 91) Benzo(a)pyrene             | 23.11 | 252  | 881076   | 17.65 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.29 | 276  | 1070695  | 16.52 | ng/ul | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.30 | 278  | 907240   | 16.53 | ng/ul | 99       |
| 94) Benzo(g,h,i)perylene       | 25.92 | 276  | 831397   | 15.37 | ng/ul | 98       |

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Data File : BM026107.D  
Acq On : 26 May 2020 10:20  
Operator : MA/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02076

Quant Time: May 26 11:17:03 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 26 11:15:44 2020  
Response via : Initial Calibration

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052620\  
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Acq On : 26 May 2020 10:20  
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BNA\_M  
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