

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\  
 Data File : BN008752.D  
 Acq On : 27 Nov 2019 11:57  
 Operator : JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC020

Quant Time: Nov 27 12:44:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 27 12:15:38 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 363089   | 20.00 | ng/ul | -0.05    |
| 18) Naphthalene-d8        | 10.35 | 136  | 1719169  | 20.00 | ng/ul | -0.05    |
| 35) Acenaphthene-d10      | 14.22 | 164  | 1227500  | 20.00 | ng/ul | -0.04    |
| 61) Phenanthrene-d10      | 16.96 | 188  | 2828749  | 20.00 | ng/ul | -0.05    |
| 77) Chrysene-d12          | 21.16 | 240  | 2802229  | 20.00 | ng/ul | -0.04    |
| 85) Perylene-d12          | 23.32 | 264  | 3240707  | 20.00 | ng/ul | -0.06    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 67076   | 7.49  | ng/uL | -0.04 |
| 5) Phenol-d5                   | 6.78  | 99  | 721105  | 22.64 | ng/ul | -0.05 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 457827  | 23.46 | ng/ul | -0.05 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 522490  | 21.35 | ng/ul | -0.05 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 579416  | 23.41 | ng/ul | -0.05 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 258241  | 22.04 | ng/ul | -0.05 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 283653  | 25.79 | ng/ul | -0.05 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 569381  | 20.29 | ng/ul | -0.05 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 820209  | 24.95 | ng/ul | -0.05 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 1964730 | 20.22 | ng/ul | -0.05 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 2234291 | 20.16 | ng/ul | -0.05 |
| 51) 4-Nitrophenol-d4           | 14.42 | 143 | 400605  | 26.60 | ng/ul | -0.04 |
| 57) Fluorene-d10               | 15.21 | 176 | 1669402 | 20.68 | ng/ul | -0.05 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 307230  | 28.45 | ng/ul | -0.04 |
| 70) Anthracene-d10             | 17.06 | 188 | 2712630 | 20.23 | ng/ul | -0.04 |
| 78) Pyrene-d10                 | 19.36 | 212 | 3065628 | 19.16 | ng/ul | -0.04 |
| 89) Benzo(a)pyrene-d12         | 23.19 | 264 | 3342658 | 19.86 | ng/ul | -0.05 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.22  | 88  | 75563   | 8.356  | ng/uL 91  |
| 4) Benzaldehyde                | 6.74  | 77  | 322365  | 17.669 | ng/ul 99  |
| 6) Phenol                      | 6.80  | 94  | 768562  | 23.368 | ng/ul 95  |
| 8) Bis(2-Chloroethyl)ether     | 7.02  | 93  | 573958  | 22.749 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.16  | 128 | 546752  | 21.807 | ng/ul 94  |
| 11) 2-Methylphenol             | 8.03  | 108 | 572636  | 23.216 | ng/ul 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 1153205 | 27.726 | ng/ul 96  |
| 14) Acetophenone               | 8.40  | 105 | 957696  | 23.985 | ng/ul 96  |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 508649  | 24.334 | ng/ul 96  |
| 16) 4-Methylphenol             | 8.36  | 108 | 648253  | 24.329 | ng/ul 99  |
| 17) Hexachloroethane           | 8.65  | 117 | 214918  | 20.025 | ng/ul 95  |
| 20) Nitrobenzene               | 8.76  | 77  | 710750  | 22.061 | ng/ul 95  |
| 21) Isophorone                 | 9.29  | 82  | 1470335 | 21.618 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.47  | 139 | 318689  | 25.668 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 9.54  | 107 | 714506  | 20.193 | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 9.78  | 93  | 863002  | 21.758 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.00 | 162 | 571857  | 20.979 | ng/ul 98  |
| 28) Naphthalene                | 10.40 | 128 | 1896782 | 20.970 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.50 | 127 | 858434  | 25.526 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.69 | 225 | 309115  | 16.791 | ng/ul 99  |
| 32) Caprolactam                | 11.28 | 113 | 136605  | 15.067 | ng/ul 85  |
| 33) 4-Chloro-3-methylphenol    | 11.64 | 107 | 742047  | 22.900 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 12.01 | 142 | 1447381 | 21.788 | ng/ul 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\  
 Data File : BN008752.D  
 Acq On : 27 Nov 2019 11:57  
 Operator : JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 SSTDCCC020

Quant Time: Nov 27 12:44:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 27 12:15:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216  | 696357   | 18.607 | ng/ul  | 100      |
| 37) Hexachlorocyclopentadiene  | 12.38 | 237  | 355163   | 15.998 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.63 | 196  | 485093   | 21.093 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.70 | 196  | 537603   | 21.872 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.04 | 154  | 1927636  | 20.385 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.08 | 162  | 1466958  | 20.227 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.28 | 65   | 553812   | 28.414 | ng/ul  | 98       |
| 44) Dimethylphthalate          | 13.68 | 163  | 1961851  | 20.856 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.79 | 165  | 388827   | 27.474 | ng/ul  | 89       |
| 47) Acenaphthylene             | 13.93 | 152  | 2357158  | 21.070 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.12 | 138  | 371043   | 25.157 | ng/ul# | 94       |
| 49) Acenaphthene               | 14.27 | 153  | 1662066  | 21.568 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.32 | 184  | 193105   | 29.717 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 14.43 | 109  | 313831   | 21.226 | ng/ul# | 79       |
| 53) Dibenzofuran               | 14.62 | 168  | 2370037  | 21.284 | ng/ul  | 97       |
| 54) 2,4-Dinitrotoluene         | 14.58 | 165  | 593384   | 28.439 | ng/ul  | 99       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.85 | 232  | 481555   | 23.766 | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.06 | 149  | 2008370  | 20.756 | ng/ul  | 99       |
| 58) Fluorene                   | 15.26 | 166  | 1962535  | 22.289 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204  | 934103   | 21.314 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.28 | 138  | 444086   | 25.256 | ng/ul  | 89       |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 198  | 335446   | 27.808 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.48 | 169  | 1730768  | 20.430 | ng/ul  | 94       |
| 65) 4-Bromophenyl-phenylether  | 16.16 | 248  | 583037   | 19.929 | ng/ul  | 98       |
| 66) Hexachlorobenzene          | 16.27 | 284  | 612953   | 19.810 | ng/ul  | 96       |
| 67) Atrazine                   | 16.44 | 200  | 616750   | 19.973 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.62 | 266  | 388368   | 21.927 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.00 | 178  | 3229648  | 21.078 | ng/ul  | 99       |
| 71) Anthracene                 | 17.09 | 178  | 3326277  | 21.244 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216  | 693573   | 17.711 | ng/ul  | 95       |
| 73) Pentachlorobenzene         | 14.54 | 250  | 701049   | 18.327 | ng/ul  | 98       |
| 74) Carbazole                  | 17.36 | 167  | 3101345  | 22.167 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 17.95 | 149  | 3571209  | 20.373 | ng/ul  | 98       |
| 76) Fluoranthene               | 19.02 | 202  | 3834871  | 21.787 | ng/ul  | 96       |
| 79) Pvrene                     | 19.39 | 202  | 3962804  | 19.757 | ng/ul# | 93       |
| 80) Butylbenzylphthalate       | 20.31 | 149  | 1690708  | 22.808 | ng/ul  | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.08 | 252  | 1314496  | 20.109 | ng/ul  | 93       |
| 82) Benzo(a)anthracene         | 21.15 | 228  | 4035335  | 20.481 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 2563645  | 21.096 | ng/ul  | 99       |
| 84) Chrysene                   | 21.19 | 228  | 3838045  | 20.800 | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 21.97 | 149  | 4308807  | 20.461 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.68 | 252  | 3983489  | 19.697 | ng/ul  | 98       |
| 88) Benzo(k)fluoranthene       | 22.72 | 252  | 4054473  | 21.295 | ng/ul# | 98       |
| 90) Benzo(a)pyrene             | 23.23 | 252  | 3973620  | 20.661 | ng/ul  | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.45 | 276  | 4782477  | 21.718 | ng/ul  | 96       |
| 92) Dibenzo(a,h)anthracene     | 25.46 | 278  | 3978187  | 21.509 | ng/ul  | 95       |
| 93) Benzo(g,h,i)perylene       | 26.09 | 276  | 4032133  | 21.819 | ng/ul  | 95       |

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

