

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010821\  
 Data File : BM028361.D  
 Acq On : 08 Jan 2021 22:13  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02009

Quant Time: Jan 08 22:44:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM010821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 08 22:18:16 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 33677    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 145841   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.76 | 164  | 91791    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.48 | 188  | 193856   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.60 | 240  | 180844   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.93 | 264  | 144890   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 6271   | 7.68  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.27  | 99  | 57119  | 19.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.45  | 67  | 35396  | 19.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 47841  | 19.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 47669  | 19.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.30  | 128 | 23277  | 19.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.03 | 143 | 24960  | 19.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 48267  | 19.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 61399  | 20.58 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.16 | 166 | 142149 | 19.65 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.46 | 160 | 178454 | 19.52 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.93 | 143 | 27174  | 19.69 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 126992 | 19.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 23681  | 18.51 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.58 | 188 | 194718 | 19.74 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.84 | 212 | 204845 | 19.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.78 | 264 | 164434 | 20.19 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.40  | 88  | 6418   | 7.607  | ng/uL 96  |
| 4) Benzaldehyde                | 7.25  | 77  | 19456  | 14.228 | ng/ul 95  |
| 6) Phenol                      | 7.30  | 94  | 58144  | 19.646 | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.54  | 93  | 46221  | 19.567 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.68  | 128 | 48535  | 19.492 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.57  | 108 | 43480  | 19.307 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 78709  | 20.011 | ng/ul 99  |
| 14) Acetophenone               | 8.96  | 105 | 71880  | 19.971 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.94  | 70  | 35826  | 19.884 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.90  | 108 | 48324  | 19.750 | ng/ul 97  |
| 17) Hexachloroethane           | 9.22  | 117 | 20551  | 19.589 | ng/ul 97  |
| 20) Nitrobenzene               | 9.35  | 77  | 57388  | 19.773 | ng/ul 99  |
| 21) Isophorone                 | 9.87  | 82  | 99738  | 19.837 | ng/ul 99  |
| 23) 2-Nitrophenol              | 10.06 | 139 | 27459  | 19.833 | ng/ul 98  |
| 24) 2,4-Dimethylphenol         | 10.10 | 107 | 54643  | 19.794 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 10.35 | 93  | 64790  | 19.638 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.59 | 162 | 46726  | 19.815 | ng/ul 98  |
| 28) Naphthalene                | 11.00 | 128 | 162108 | 19.343 | ng/ul 100 |
| 30) 4-Chloroaniline            | 11.10 | 127 | 59758  | 20.754 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 11.27 | 225 | 29361  | 19.537 | ng/ul 99  |
| 32) Caprolactam                | 11.87 | 113 | 14576  | 19.990 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 12.21 | 107 | 50803  | 20.257 | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.60 | 142 | 113974 | 19.742 | ng/ul 99  |

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|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.82 | 142  | 134437   | 19.910 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216  | 56871    | 18.917 | ng/ul | 98       |
| 38) Hexachlorocyclopentadiene  | 12.94 | 237  | 31152    | 18.261 | ng/ul | 96       |
| 39) 2,4,6-Trichlorophenol      | 13.19 | 196  | 36623    | 19.355 | ng/ul | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.26 | 196  | 40203    | 19.423 | ng/ul | 97       |
| 41) 1,1'-Biphenyl              | 13.60 | 154  | 147365   | 19.015 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.64 | 162  | 115530   | 18.898 | ng/ul | 98       |
| 43) 2-Nitroaniline             | 13.84 | 65   | 34768    | 19.985 | ng/ul | 97       |
| 45) Dimethylphthalate          | 14.21 | 163  | 145304   | 19.674 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 14.33 | 165  | 29960    | 20.135 | ng/ul | 96       |
| 48) Acenaphthylene             | 14.48 | 152  | 178995   | 19.461 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.66 | 138  | 26010    | 18.917 | ng/ul | 96       |
| 50) Acenaphthene               | 14.82 | 153  | 127565   | 19.454 | ng/ul | 98       |
| 51) 2,4-Dinitrophenol          | 14.86 | 184  | 15798    | 18.270 | ng/ul | 94       |
| 53) 4-Nitrophenol              | 14.95 | 109  | 21067    | 20.094 | ng/ul | 98       |
| 54) Dibenzofuran               | 15.15 | 168  | 174546   | 19.471 | ng/ul | 99       |
| 55) 2,4-Dinitrotoluene         | 15.11 | 165  | 42803    | 20.117 | ng/ul | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.37 | 232  | 35507    | 20.536 | ng/ul | 98       |
| 57) Diethylphthalate           | 15.56 | 149  | 151046   | 20.197 | ng/ul | 99       |
| 59) Fluorene                   | 15.80 | 166  | 148448   | 19.696 | ng/ul | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.79 | 204  | 71527    | 19.720 | ng/ul | 99       |
| 61) 4-Nitroaniline             | 15.81 | 138  | 23850    | 16.722 | ng/ul | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 25713    | 19.112 | ng/ul | 94       |
| 65) N-Nitrosodiphenylamine     | 16.00 | 169  | 123979   | 19.581 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 43775    | 19.637 | ng/ul | 99       |
| 67) Hexachlorobenzene          | 16.79 | 284  | 50292    | 19.463 | ng/ul | 99       |
| 68) Atrazine                   | 16.93 | 200  | 42824    | 19.566 | ng/ul | 97       |
| 69) Pentachlorophenol          | 17.13 | 266  | 28914    | 19.395 | ng/ul | 98       |
| 70) Phenanthrene               | 17.52 | 178  | 232878   | 19.523 | ng/ul | 100      |
| 72) Anthracene                 | 17.62 | 178  | 240473   | 19.695 | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.56 | 216  | 56156    | 18.587 | ng/ul | 99       |
| 74) Pentachlorobenzene         | 15.07 | 250  | 56861    | 19.055 | ng/ul | 97       |
| 75) Carbazole                  | 17.87 | 167  | 206487   | 20.045 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.42 | 149  | 257581   | 20.437 | ng/ul | 99       |
| 77) Fluoranthene               | 19.51 | 202  | 265362   | 20.697 | ng/ul | 98       |
| 80) Pvrene                     | 19.87 | 202  | 272537   | 19.062 | ng/ul | 98       |
| 81) Butylbenzylphthalate       | 20.74 | 149  | 110227   | 20.044 | ng/ul | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 67362    | 18.528 | ng/ul | 98       |
| 83) Benzo(a)anthracene         | 21.59 | 228  | 239024   | 19.349 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 155297   | 20.168 | ng/ul | 98       |
| 85) Chrysene                   | 21.64 | 228  | 237277   | 19.695 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 22.40 | 149  | 241499   | 21.255 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 23.22 | 252  | 208337   | 20.136 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 23.27 | 252  | 206666   | 20.632 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.83 | 252  | 180407   | 20.010 | ng/ul | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 26.30 | 276  | 184851   | 19.365 | ng/ul | 98       |
| 93) Dibenzo(a,h)anthracene     | 26.31 | 278  | 155717   | 19.353 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 27.04 | 276  | 152330   | 19.166 | ng/ul | 99       |

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

