

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\  
 Data File : BM028911.D  
 Acq On : 25 Feb 2021 23:55  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02016

Quant Time: Feb 26 00:25:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022121MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 25 23:08:07 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 14287    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 56340    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.46 | 164  | 31581    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.20 | 188  | 57068    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.36 | 240  | 46725    | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 45095    | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |       |       |       |
|--------------------------------|-------|-----|-------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.14  | 96  | 2916  | 9.72  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.98  | 99  | 25879 | 23.78 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 15454 | 25.20 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 24135 | 25.82 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 21770 | 23.84 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 10885 | 27.30 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 12013 | 26.55 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 22306 | 25.91 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 25299 | 24.80 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.87 | 166 | 56137 | 24.66 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.15 | 160 | 74389 | 25.66 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.70 | 143 | 8632  | 21.90 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.45 | 176 | 49520 | 25.87 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 8171  | 23.41 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.30 | 188 | 68055 | 26.18 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.59 | 212 | 64033 | 27.49 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.43 | 264 | 61456 | 26.44 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |       |        | Ovalue    |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.18  | 88  | 3042  | 9.828  | ng/uL 99  |
| 4) Benzaldehyde                | 6.95  | 77  | 8379  | 16.187 | ng/ul 100 |
| 6) Phenol                      | 7.01  | 94  | 26510 | 23.599 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 7.23  | 93  | 21386 | 24.544 | ng/ul 92  |
| 10) 2-Chlorophenol             | 7.36  | 128 | 23576 | 24.316 | ng/ul 97  |
| 11) 2-Methylphenol             | 8.26  | 108 | 19910 | 22.822 | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.33  | 45  | 32967 | 24.721 | ng/ul 96  |
| 14) Acetophenone               | 8.63  | 105 | 32990 | 22.587 | ng/ul 97  |
| 15) N-Nitroso-di-n-propylamine | 8.62  | 70  | 15316 | 22.863 | ng/ul 96  |
| 16) 4-Methylphenol             | 8.59  | 108 | 21874 | 23.067 | ng/ul 97  |
| 17) Hexachloroethane           | 8.87  | 117 | 10022 | 24.788 | ng/ul 98  |
| 20) Nitrobenzene               | 9.02  | 77  | 24143 | 25.811 | ng/ul 99  |
| 21) Isophorone                 | 9.54  | 82  | 42446 | 24.857 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.73  | 139 | 12973 | 25.648 | ng/ul 95  |
| 24) 2,4-Dimethylphenol         | 9.79  | 107 | 24493 | 24.663 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 10.02 | 93  | 27622 | 24.781 | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.26 | 162 | 21642 | 25.123 | ng/ul 98  |
| 28) Naphthalene                | 10.65 | 128 | 73070 | 25.417 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.77 | 127 | 24426 | 23.447 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.92 | 225 | 13933 | 25.777 | ng/ul 97  |
| 32) Caprolactam                | 11.57 | 113 | 5210  | 19.481 | ng/ul 86  |
| 33) 4-Chloro-3-methylphenol    | 11.92 | 107 | 21414 | 24.007 | ng/ul 95  |
| 34) 2-Methylnaphthalene        | 12.27 | 142 | 49966 | 24.073 | ng/ul 97  |

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|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.49 | 142  | 58315    | 28.878 | ng/ul  | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216  | 24987    | 26.734 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.60 | 237  | 7580     | 19.461 | ng/ul  | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.89 | 196  | 15835    | 25.927 | ng/ul  | 94       |
| 40) 2,4,5-Trichlorophenol      | 12.97 | 196  | 16857    | 25.627 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl              | 13.29 | 154  | 62857    | 26.072 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.33 | 162  | 50443    | 26.930 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.56 | 65   | 12558    | 25.550 | ng/ul  | 99       |
| 45) Dimethylphthalate          | 13.92 | 163  | 58074    | 24.742 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.06 | 165  | 11604    | 24.700 | ng/ul  | 99       |
| 48) Acenaphthylene             | 14.18 | 152  | 72235    | 26.262 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.39 | 138  | 9853     | 21.753 | ng/ul  | 98       |
| 50) Acenaphthene               | 14.52 | 153  | 51479    | 25.606 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.61 | 184  | 4841     | 17.849 | ng/ul  | 97       |
| 53) 4-Nitrophenol              | 14.71 | 109  | 7318     | 22.679 | ng/ul  | 94       |
| 54) Dibenzofuran               | 14.86 | 168  | 68967    | 24.748 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 14.85 | 165  | 16094    | 23.651 | ng/ul  | 95       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.09 | 232  | 12847    | 24.114 | ng/ul# | 98       |
| 57) Diethylphthalate           | 15.29 | 149  | 55939    | 22.895 | ng/ul  | 97       |
| 59) Fluorene                   | 15.51 | 166  | 56494    | 24.268 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.50 | 204  | 28084    | 24.584 | ng/ul  | 99       |
| 61) 4-Nitroaniline             | 15.55 | 138  | 7097     | 13.746 | ng/ul  | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 8697     | 24.363 | ng/ul  | 99       |
| 65) N-Nitrosodiphenylamine     | 15.72 | 169  | 46089    | 26.304 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.39 | 248  | 15787    | 26.612 | ng/ul  | 98       |
| 67) Hexachlorobenzene          | 16.51 | 284  | 17554    | 25.881 | ng/ul  | 97       |
| 68) Atrazine                   | 16.67 | 200  | 14974    | 23.127 | ng/ul  | 96       |
| 69) Pentachlorophenol          | 16.86 | 266  | 8043     | 22.340 | ng/ul  | 94       |
| 70) Phenanthrene               | 17.24 | 178  | 80622    | 25.529 | ng/ul  | 100      |
| 72) Anthracene                 | 17.33 | 178  | 83166    | 25.468 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.25 | 216  | 24112    | 28.898 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 14.77 | 250  | 22278    | 27.869 | ng/uL  | 97       |
| 75) Carbazole                  | 17.61 | 167  | 67226    | 23.315 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.16 | 149  | 86088    | 22.594 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.25 | 202  | 82567    | 23.293 | ng/ul  | 98       |
| 80) Pvrene                     | 19.62 | 202  | 85663    | 27.212 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.50 | 149  | 35076    | 24.035 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 23717    | 25.670 | ng/ul  | 95       |
| 83) Benzo(a)anthracene         | 21.34 | 228  | 75068    | 25.839 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 50332    | 22.307 | ng/ul# | 99       |
| 85) Chrysene                   | 21.40 | 228  | 73137    | 26.016 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 22.13 | 149  | 86536    | 20.440 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.91 | 252  | 73001    | 24.684 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 22.95 | 252  | 73052    | 25.304 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.47 | 252  | 67735    | 26.563 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 81408    | 27.894 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.80 | 278  | 69351    | 27.833 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 26.47 | 276  | 69098    | 29.192 | ng/ul  | 97       |

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

