

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081921\  
 Data File : BG049891.D  
 Acq On : 19 Aug 2021 10:41  
 Operator : CG/JU  
 Sample : SST002024  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST0020424

Quant Time: Aug 19 11:48:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 19 11:48:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.980  | 152  | 24356    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.794 | 136  | 99673    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.636 | 164  | 69951    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.385 | 188  | 170660   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.656 | 240  | 165957   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.887 | 264  | 167709   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.345  | 96   | 3672     | 7.911  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.774  | 84   | 26480    | 19.027 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.146  | 99   | 36844    | 17.426 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.305  | 67   | 20999    | 17.725 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.510  | 132  | 29826    | 19.037 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.697  | 113  | 29546    | 17.789 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.149  | 128  | 14147    | 18.372 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.878  | 143  | 17228    | 18.592 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.424 | 165  | 31401    | 19.196 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.935 | 131  | 42935    | 19.257 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.037 | 166  | 110191   | 20.678 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.330 | 160  | 122302   | 19.515 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.853 | 143  | 14349    | 20.241 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.629 | 176  | 91227    | 20.006 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.758 | 200  | 20529    | 18.235 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.485 | 188  | 146713   | 19.243 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.776 | 212  | 168818   | 18.552 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.664 | 264  | 167515   | 19.163 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.375  | 88   | 4357     | 8.648  | ng/uL  | 100      |
| 5) Pyridine                   | 3.792  | 79   | 27866    | 18.900 | ng/ul  | 100      |
| 6) Benzaldehyde               | 7.111  | 77   | 25996    | 22.113 | ng/ul  | 100      |
| 8) Phenol                     | 7.175  | 94   | 39257    | 18.930 | ng/ul  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.393  | 93   | 28136    | 19.242 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.540  | 128  | 29313    | 19.167 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.433  | 108  | 28166    | 17.235 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.509  | 45   | 28028    | 17.783 | ng/ul  | 100      |
| 16) Acetophenone              | 8.803  | 105  | 49457    | 18.527 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.785  | 70   | 26110    | 18.752 | ng/ul  | 100      |
| 18) 4-Methylphenol            | 8.761  | 108  | 32592    | 18.663 | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.061  | 117  | 12316    | 17.407 | ng/ul  | 100      |
| 22) Nitrobenzene              | 9.190  | 77   | 40839    | 19.366 | ng/ul  | 100      |
| 23) Isophorone                | 9.713  | 82   | 73207    | 19.417 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.907  | 139  | 16881    | 18.843 | ng/ul  | 100      |
| 26) 2,4-Dimethylphenol        | 9.972  | 107  | 38607    | 18.734 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.195 | 93   | 37887    | 19.321 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.453 | 162  | 30117    | 19.701 | ng/ul  | 100      |
| 30) Naphthalene               | 10.847 | 128  | 93663    | 18.618 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.959 | 127  | 40213    | 18.548 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.129 | 225  | 22480    | 17.588 | ng/ul  | 100      |
| 34) Caprolactam               | 11.716 | 113  | 4182     | 8.002  | ng/ul  | 100      |
| 35) 4-Chloro-3-methylphenol   | 12.092 | 107  | 35665    | 19.448 | ng/ul  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.462 | 142  | 72613    | 19.104 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.680 | 142  | 72977    | 19.299 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.832 | 216  | 39944    | 18.329 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.803 | 237  | 12545    | 16.644 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.073 | 196  | 24991    | 18.607 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.156 | 196  | 26988    | 20.225 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.461 | 154  | 94566    | 19.001 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.508 | 162  | 77996    | 19.928 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.714 | 65   | 26199    | 19.315 | ng/ul | 100      |
| 47) Dimethylphthalate         | 14.084 | 163  | 109295   | 21.078 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.207 | 165  | 22257    | 20.748 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.360 | 152  | 114608   | 19.868 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.542 | 138  | 21819    | 22.012 | ng/ul | 100      |
| 52) Acenaphthene              | 14.701 | 153  | 80208    | 19.239 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.765 | 184  | 8672     | 15.175 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.865 | 109  | 18886    | 20.642 | ng/ul | 100      |
| 56) Dibenzofuran              | 15.035 | 168  | 114800   | 20.249 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.000 | 165  | 32948    | 21.048 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.270 | 232  | 23408    | 21.191 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.447 | 149  | 109096   | 20.501 | ng/ul | 100      |
| 61) Fluorene                  | 15.687 | 166  | 93722    | 19.499 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.670 | 204  | 52459    | 20.627 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.705 | 138  | 24106    | 24.728 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.770 | 198  | 18351    | 17.959 | ng/ul | 100      |
| 67) N-Nitrosodiphenylamine    | 15.887 | 169  | 86129    | 18.725 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.569 | 248  | 36527    | 19.043 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.692 | 284  | 42459    | 19.661 | ng/ul | 100      |
| 70) Atrazine                  | 16.833 | 200  | 39939    | 20.158 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.050 | 266  | 14577    | 19.187 | ng/ul | 100      |
| 72) Phenanthrene              | 17.432 | 178  | 163568   | 19.251 | ng/ul | 100      |
| 74) Anthracene                | 17.520 | 178  | 168902   | 19.710 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.438 | 216  | 41247    | 17.050 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.959 | 250  | 44261    | 17.479 | ng/uL | 100      |
| 77) Carbazole                 | 17.790 | 167  | 149390   | 19.638 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.337 | 149  | 194967   | 20.020 | ng/ul | 100      |
| 80) Fluoranthene              | 19.441 | 202  | 214287   | 19.069 | ng/ul | 100      |
| 82) Pyrene                    | 19.805 | 202  | 209393   | 18.941 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.681 | 149  | 83458    | 18.964 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.550 | 252  | 77324    | 19.330 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.638 | 228  | 200883   | 19.229 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.532 | 149  | 113762   | 18.628 | ng/ul | 100      |
| 87) Chrysene                  | 21.703 | 228  | 191024   | 19.441 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.737 | 149  | 186344   | 18.836 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.859 | 252  | 207892   | 19.882 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.923 | 252  | 191230   | 18.513 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 24.734 | 252  | 178100   | 19.429 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 28.570 | 276  | 233618   | 19.448 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 28.623 | 278  | 190546   | 18.828 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 29.733 | 276  | 191321   | 19.067 | ng/ul | 100      |

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

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