

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012921\  
 Data File : BP004668.D  
 Acq On : 29 Jan 2021 14:35  
 Operator : CG/JU  
 Sample : SSTD16003  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jan 29 16:37:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP012921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 29 15:16:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 47621    | 20.00  | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.581 | 136  | 174070   | 20.00  | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.434 | 164  | 138395   | 20.00  | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 336559   | 20.00  | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.274 | 240  | 384397   | 20.00  | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.592 | 264  | 339589   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 63903    | 62.23  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.669  | 84   | 523179   | 173.74 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 651097   | 167.12 | ng/ul | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 388297   | 160.95 | ng/ul | 0.01     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 461656   | 176.59 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 493380   | 163.85 | ng/ul | 0.02     |
| 21) Nitrobenzene-d5           | 8.951  | 128  | 224400   | 173.88 | ng/ul | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 287541   | 178.18 | ng/ul | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 631801   | 170.89 | ng/ul | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.728 | 131  | 634005   | 161.86 | ng/ul | 0.01     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 1885794  | 164.85 | ng/ul | 0.01     |
| 49) Acenaphthylene-d8         | 14.134 | 160  | 2155192  | 173.57 | ng/ul | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 287661   | 168.51 | ng/ul | 0.04     |
| 60) Fluorene-d10              | 15.434 | 176  | 1710335  | 167.71 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 200  | 405810   | 177.73 | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.298 | 188  | 2780685  | 169.47 | ng/ul | 0.01     |
| 81) Pyrene-d10                | 19.533 | 212  | 3332133  | 164.12 | ng/ul | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.457 | 264  | 3410380  | 177.71 | ng/ul | 0.02     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.299  | 88   | 67673    | 61.13  | ng/uL | 96       |
| 5) Pyridine                   | 3.687  | 79   | 523663   | 168.81 | ng/ul | 94       |
| 6) Benzaldehyde               | 6.928  | 77   | 160274   | 68.98  | ng/ul | 95       |
| 8) Phenol                     | 6.993  | 94   | 701377   | 168.37 | ng/ul | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 506141   | 163.37 | ng/ul | 99       |
| 12) 2-Chlorophenol            | 7.357  | 128  | 477685   | 172.81 | ng/ul | 98       |
| 13) 2-Methylphenol            | 8.234  | 108  | 513983   | 167.83 | ng/ul | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 540016   | 157.63 | ng/ul | 99       |
| 16) Acetophenone              | 8.622  | 105  | 890621   | 165.96 | ng/ul | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.628  | 70   | 516749   | 174.36 | ng/ul | 96       |
| 18) 4-Methylphenol            | 8.581  | 108  | 532871   | 162.88 | ng/ul | 99       |
| 19) Hexachloroethane          | 8.863  | 117  | 229482   | 167.67 | ng/ul | 99       |
| 22) Nitrobenzene              | 8.999  | 77   | 770227   | 169.16 | ng/ul | 99       |
| 23) Isophorone                | 9.534  | 82   | 1315494  | 170.88 | ng/ul | 99       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 291844   | 172.81 | ng/ul | 94       |
| 26) 2,4-Dimethylphenol        | 9.769  | 107  | 689253   | 168.62 | ng/ul | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.004 | 93   | 684210   | 165.91 | ng/ul | 97       |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 622970   | 170.54 | ng/ul | 100      |
| 30) Naphthalene               | 10.634 | 128  | 1563728  | 165.27 | ng/ul | 98       |
| 32) 4-Chloroaniline           | 10.751 | 127  | 658267   | 162.53 | ng/ul | 99       |
| 33) Hexachlorobutadiene       | 10.922 | 225  | 550665   | 164.41 | ng/ul | 97       |
| 34) Caprolactam               | 11.569 | 113  | 87168    | 91.55  | ng/ul | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.887 | 107  | 608182   | 165.58 | ng/ul | 97       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.251 | 142  | 1263463  | 164.01 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.475 | 142  | 1249736  | 163.10 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 1017098  | 174.60 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.604 | 237  | 734093   | 177.11 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.863 | 196  | 615162   | 179.91 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.934 | 196  | 657887   | 176.79 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.269 | 154  | 1825944  | 170.28 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.310 | 162  | 1482168  | 169.24 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 494986   | 187.61 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.904 | 163  | 1892688  | 164.28 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.022 | 165  | 402920   | 178.23 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.163 | 152  | 2066011  | 171.63 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.351 | 138  | 252867   | 141.78 | ng/ul  | 91       |
| 52) Acenaphthene              | 14.504 | 153  | 1498112  | 169.51 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.551 | 184  | 290121   | 183.64 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.675 | 109  | 374957   | 161.74 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.845 | 168  | 2325766  | 166.80 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 571564   | 176.13 | ng/ul  | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 642483   | 177.73 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.275 | 149  | 1831040  | 166.62 | ng/ul  | 99       |
| 61) Fluorene                  | 15.492 | 166  | 2050679  | 175.48 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204  | 1268614  | 177.72 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.528 | 138  | 214021   | 119.13 | ng/ul  | 91       |
| 66) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 409042   | 175.67 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.704 | 169  | 1656424  | 173.70 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.386 | 248  | 787717   | 174.31 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.492 | 284  | 876342   | 171.29 | ng/ul  | 99       |
| 70) Atrazine                  | 16.669 | 200  | 746998   | 165.91 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.839 | 266  | 572309   | 176.88 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.239 | 178  | 3219289  | 169.67 | ng/ul  | 100      |
| 74) Anthracene                | 17.333 | 178  | 3331103  | 173.55 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.228 | 216  | 1033662  | 178.65 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 1087637  | 173.55 | ng/uL  | 98       |
| 77) Carbazole                 | 17.604 | 167  | 2658612  | 162.62 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.157 | 149  | 3108358  | 181.52 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.204 | 202  | 4132245  | 165.52 | ng/ul# | 96       |
| 82) Pyrene                    | 19.563 | 202  | 4192102  | 163.54 | ng/ul# | 97       |
| 83) Butylbenzylphthalate      | 20.433 | 149  | 1398280  | 184.37 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.198 | 252  | 1455306  | 153.45 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.263 | 228  | 4189761  | 162.29 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 2224098  | 195.90 | ng/ul# | 98       |
| 87) Chrysene                  | 21.316 | 228  | 4067440  | 163.51 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.092 | 149  | 3323506  | 179.96 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.898 | 252  | 4306713  | 179.78 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.945 | 252  | 4072177  | 173.62 | ng/ul# | 99       |
| 93) Benzo(a)pyrene            | 23.510 | 252  | 3645403  | 177.05 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.009 | 276  | 4699131  | 179.56 | ng/ul# | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.021 | 278  | 4077561  | 184.58 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.745 | 276  | 3732466  | 174.71 | ng/ul  | 99       |

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

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