

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121624\  
 Data File : BF140862.D  
 Acq On : 16 Dec 2024 16:15  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Dec 16 16:52:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:38:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 82694    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 323165   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 169321   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 364516   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 182739   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 171569   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 732058   | 145.730 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 982302   | 147.637 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 947083   | 146.623 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 304721   | 152.164 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 2054327  | 166.807 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 2018997  | 174.221 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 162832   | 75.255  | ng    | 98       |
| 3) Pyridine                   | 3.399  | 79   | 375906   | 75.017  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 194050   | 76.818  | ng    | 97       |
| 6) Aniline                    | 6.528  | 93   | 399627   | 70.247  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 406710   | 74.245  | ng    | 99       |
| 9) Benzaldehyde               | 6.410  | 77   | 219459   | 59.528  | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 507289   | 73.564  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.593  | 93   | 389038   | 75.649  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 461108   | 73.871  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 462233   | 72.952  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 437177   | 73.129  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 349382   | 73.442  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 449685   | 74.228  | ng    | 85       |
| 17) 2-Methylphenol            | 7.122  | 107  | 328432   | 75.095  | ng    | 99       |
| 18) Hexachloroethane          | 7.357  | 117  | 176920   | 75.005  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 288752   | 72.349  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 421165   | 72.622  | ng    | 97       |
| 22) Acetophenone              | 7.269  | 105  | 576358   | 71.295  | ng    | # 99     |
| 24) Nitrobenzene              | 7.445  | 77   | 484693   | 73.246  | ng    | 98       |
| 25) Isophorone                | 7.681  | 82   | 815074   | 75.310  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 232926   | 76.426  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 270864   | 76.101  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 508754   | 75.263  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 374434   | 76.199  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 420429   | 74.635  | ng    | 99       |
| 31) Naphthalene               | 8.157  | 128  | 1318982  | 74.301  | ng    | 100      |
| 32) Benzoic acid              | 7.969  | 122  | 284705   | 84.342  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 451539   | 76.586  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 282790   | 74.615  | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 125537m  | 85.813  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 449654   | 81.301  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 942892   | 80.295  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 925535   | 79.695  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 466438   | 89.625  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 149909   | 80.025  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 301828   | 94.714  | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 321402   | 91.760 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 1186930  | 88.155 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 927799   | 90.075 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 289810   | 93.162 | ng    | 99       |
| 49) Acenaphthylene            | 9.751  | 152  | 1169747  | 77.278 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 1049196  | 87.890 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 240439   | 88.104 | ng    | 95       |
| 52) Acenaphthene              | 9.922  | 154  | 710789   | 73.511 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.857  | 138  | 208004   | 76.804 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 106230   | 79.797 | ng    | 95       |
| 55) Dibenzofuran              | 10.092 | 168  | 1071923  | 71.543 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 112972   | 77.685 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 263636   | 73.423 | ng    | 99       |
| 58) Fluorene                  | 10.439 | 166  | 904163   | 73.147 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 230812   | 80.870 | ng    | 99       |
| 60) Diethylphthalate          | 10.310 | 149  | 911868   | 73.664 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.428 | 204  | 456754   | 73.562 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 216635   | 76.547 | ng    | 99       |
| 63) Azobenzene                | 10.586 | 77   | 862457   | 74.110 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 158996   | 76.975 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 767906   | 68.519 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 279941   | 68.648 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 324661   | 70.220 | ng    | 97       |
| 69) Atrazine                  | 11.075 | 200  | 185877   | 59.385 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 153999   | 91.050 | ng    | 100      |
| 71) Phenanthrene              | 11.404 | 178  | 1365579  | 72.850 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 1361788  | 73.769 | ng    | 99       |
| 73) Carbazole                 | 11.616 | 167  | 1341097  | 74.170 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1410986  | 66.492 | ng    | 100      |
| 75) Fluoranthene              | 12.592 | 202  | 1374862  | 63.687 | ng    | 98       |
| 77) Benzidine                 | 12.716 | 184  | 276230   | 74.064 | ng    | 99       |
| 78) Pyrene                    | 12.827 | 202  | 1423860  | 87.621 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 508497   | 85.043 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 1001035  | 77.292 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 291736   | 74.661 | ng    | 99       |
| 83) Chrysene                  | 14.063 | 228  | 881398   | 74.840 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 624744   | 81.032 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 922920   | 79.125 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 957167   | 89.400 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 925999   | 77.753 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 683254   | 66.881 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 714906   | 76.662 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 792175   | 89.311 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 840468   | 93.101 | ng    | 99       |

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

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