

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111324\  
 Data File : BF140335.D  
 Acq On : 13 Nov 2024 10:29  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Nov 13 14:24:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 13:11:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 149945   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 574759   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 321015   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 615627   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 437725   | 20.000 | ng    | 0.02     |
| 86) Perylene-d12              | 15.592 | 264  | 335998   | 20.000 | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 366621   | 41.746 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 492662   | 41.406 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 458389   | 41.554 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 132693   | 41.567 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 867449   | 43.439 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 969963   | 38.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 79493    | 20.309 | ng    | 99       |
| 3) Pyridine                   | 3.399  | 79   | 198352   | 20.613 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.340  | 42   | 97556    | 20.059 | ng    | 100      |
| 6) Aniline                    | 6.540  | 93   | 224200   | 21.661 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 199701   | 21.169 | ng    | 100      |
| 9) Benzaldehyde               | 6.428  | 77   | 152483   | 21.383 | ng    | 99       |
| 10) Phenol                    | 6.510  | 94   | 261330   | 20.827 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 195860   | 20.601 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 218012   | 20.945 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.892  | 146  | 222816   | 21.112 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 209619   | 21.394 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 179832   | 20.978 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 272081   | 20.718 | ng    | 99       |
| 17) 2-Methylphenol            | 7.122  | 107  | 160794   | 20.720 | ng    | 99       |
| 18) Hexachloroethane          | 7.387  | 117  | 82445    | 21.130 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 147880   | 20.578 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 203732   | 20.992 | ng    | 97       |
| 22) Acetophenone              | 7.281  | 105  | 276331   | 20.672 | ng    | 98       |
| 24) Nitrobenzene              | 7.457  | 77   | 233182   | 20.302 | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 397520   | 20.333 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.769  | 139  | 104117   | 20.428 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 133218   | 20.416 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 246864   | 20.593 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 165159   | 20.480 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 187022   | 20.831 | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 611395   | 20.969 | ng    | 100      |
| 32) Benzoic acid              | 7.898  | 122  | 103495   | 18.055 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 212489   | 20.956 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 120624   | 21.087 | ng    | 100      |
| 35) Caprolactam               | 8.575  | 113  | 54033    | 19.929 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 183923   | 20.581 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 392634   | 21.001 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 386754   | 21.125 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 187279   | 21.097 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 45811    | 20.099 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 120063   | 20.609 | ng    | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 132413   | 20.789 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 502252   | 21.506 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 368985   | 20.741 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 123220   | 20.885 | ng    | 98       |
| 49) Acenaphthylene            | 9.775  | 152  | 573335   | 21.301 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 440050   | 21.031 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 100599   | 21.089 | ng    | 99       |
| 52) Acenaphthene              | 9.945  | 154  | 382783   | 21.056 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 107540   | 21.467 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 47413    | 19.274 | ng    | 96       |
| 55) Dibenzofuran              | 10.116 | 168  | 550502   | 21.391 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 76711    | 20.993 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 133852   | 21.321 | ng    | 96       |
| 58) Fluorene                  | 10.463 | 166  | 438095   | 21.548 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 104638   | 20.824 | ng    | 98       |
| 60) Diethylphthalate          | 10.328 | 149  | 448855   | 20.979 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 214868   | 21.407 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.475 | 138  | 105392   | 20.576 | ng    | 99       |
| 63) Azobenzene                | 10.610 | 77   | 443044   | 20.957 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 69851    | 21.089 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 369633   | 20.780 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 128501   | 20.881 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 143099   | 20.667 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 83124    | 15.446 | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 76218    | 20.435 | ng    | 99       |
| 71) Phenanthrene              | 11.422 | 178  | 606738   | 20.980 | ng    | 100      |
| 72) Anthracene                | 11.475 | 178  | 594950   | 20.991 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 592904   | 21.186 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 707973   | 21.077 | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 702671   | 21.657 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 299422   | 17.823 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 719319   | 19.212 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 286162   | 19.895 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 591480   | 20.560 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 189466   | 20.720 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 540430   | 20.589 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 392830   | 20.462 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.692 | 149  | 556097   | 20.567 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.092 | 276  | 382218   | 18.415 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.151 | 252  | 494335   | 22.491 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 376428   | 20.964 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 354286   | 20.757 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 317133   | 18.485 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 320648   | 18.281 | ng    | 99       |

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

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