

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060524\  
 Data File : BF138120.D  
 Acq On : 05 Jun 2024 12:42  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024  
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 05:11:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 06 05:05:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 391630   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.187  | 136  | 1503617  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 858285   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 1569010  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 1039843  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 658851   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 994629   | 43.283 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.528  | 99   | 1249690  | 42.982 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 914538   | 41.382 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 360548   | 43.650 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 2368817  | 48.259 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 2993052  | 43.053 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.722  | 88   | 220751   | 20.960 | ng    | 99       |
| 3) Pyridine                   | 3.475  | 79   | 543618   | 21.065 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 267324   | 21.100 | ng    | 100      |
| 6) Aniline                    | 6.569  | 93   | 613813   | 20.822 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 532918   | 21.436 | ng    | 98       |
| 9) Benzaldehyde               | 6.457  | 77   | 374241   | 22.263 | ng    | 96       |
| 10) Phenol                    | 6.540  | 94   | 636680   | 21.314 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 504920   | 21.085 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 610758   | 21.441 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 614298   | 21.413 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 586234   | 21.770 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 441872   | 21.479 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 750782   | 21.356 | ng    | 99       |
| 17) 2-Methylphenol            | 7.145  | 107  | 419404   | 20.843 | ng    | 99       |
| 18) Hexachloroethane          | 7.422  | 117  | 206417   | 21.081 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 393972   | 21.251 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 551765   | 22.036 | ng    | 97       |
| 22) Acetophenone              | 7.310  | 105  | 757235   | 21.876 | ng    | # 95     |
| 24) Nitrobenzene              | 7.487  | 77   | 508910   | 21.139 | ng    | 99       |
| 25) Isophorone                | 7.722  | 82   | 1018934  | 20.928 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 130047   | 18.325 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 348933   | 20.633 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 633744   | 21.369 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 428071   | 21.002 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 528030   | 21.470 | ng    | 99       |
| 31) Naphthalene               | 8.210  | 128  | 1611770  | 22.162 | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 146204m  | 19.367 | ng    |          |
| 33) 4-Chloroaniline           | 8.257  | 127  | 586147   | 21.444 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 307579   | 21.282 | ng    | 98       |
| 35) Caprolactam               | 8.610  | 113  | 139933m  | 20.558 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 441186   | 21.122 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 1075318  | 21.933 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 1053591  | 21.948 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 523762   | 21.615 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 162206   | 20.277 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 305072   | 20.736 | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 337362   | 20.810 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1344044  | 22.294 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 1043976  | 21.729 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 184660   | 18.718 | ng    | 98       |
| 49) Acenaphthylene            | 9.804  | 152  | 1495439  | 21.995 | ng    | 98       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1166027  | 21.621 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 205710   | 19.732 | ng    | 98       |
| 52) Acenaphthene              | 9.975  | 154  | 1004080  | 21.857 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 211683   | 19.904 | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 32355    | 17.994 | ng    | # 4      |
| 55) Dibenzofuran              | 10.145 | 168  | 1428428  | 21.983 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 154852   | 18.878 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 229633   | 18.956 | ng    | 91       |
| 58) Fluorene                  | 10.486 | 166  | 1181819  | 22.898 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 266107   | 20.810 | ng    | 99       |
| 60) Diethylphthalate          | 10.363 | 149  | 1157140  | 21.979 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 591271   | 22.550 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 212876   | 21.147 | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 1114177  | 21.972 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 62555    | 18.867 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 987660   | 21.079 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248  | 369526   | 20.684 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 432896   | 20.843 | ng    | 97       |
| 69) Atrazine                  | 11.122 | 200  | 317347   | 21.051 | ng    | 99       |
| 70) Pentachlorophenol         | 11.222 | 266  | 222260   | 19.991 | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 1660918  | 21.989 | ng    | 97       |
| 72) Anthracene                | 11.504 | 178  | 1663078  | 22.076 | ng    | 97       |
| 73) Carbazole                 | 11.657 | 167  | 1515451  | 21.996 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 1831477  | 22.616 | ng    | 98       |
| 75) Fluoranthene              | 12.639 | 202  | 1867391  | 22.913 | ng    | 97       |
| 77) Benzidine                 | 12.757 | 184  | 275606   | 25.756 | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 1900643  | 20.211 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 626310   | 20.169 | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 1419953  | 21.644 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 352872   | 21.221 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 1323249  | 21.017 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 968844   | 21.414 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 1306925  | 20.986 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 598645   | 18.961 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 906052   | 21.875 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 885411   | 22.417 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 642946   | 20.497 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 476524   | 18.998 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 509154   | 19.012 | ng    | 99       |

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

