

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032322\  
 Data File : BF127471.D  
 Acq On : 23 Mar 2022 10:36  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/24/2022  
 Supervised By : Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 02:11:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 113160   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 403898   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 232539   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.381 | 188  | 399294   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 242656   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 199950   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 553521   | 78.079 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 772008   | 79.667 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 732988   | 77.574 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 189459   | 76.483 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1192365  | 74.875 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 1216615  | 82.076 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 146640   | 47.096 | ng    | 95       |
| 3) Pyridine                   | 3.375  | 79   | 358492   | 40.793 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 192282   | 39.850 | ng    | 99       |
| 6) Aniline                    | 6.522  | 93   | 454191   | 39.276 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.640  | 128  | 286715   | 39.577 | ng    | 96       |
| 9) Benzaldehyde               | 6.410  | 77   | 214365   | 43.822 | ng    | 94       |
| 10) Phenol                    | 6.504  | 94   | 417108   | 39.524 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.593  | 93   | 315751   | 40.890 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 316822   | 38.882 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 318987   | 38.919 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 292074   | 36.588 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.998  | 79   | 274321   | 38.952 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 562083   | 40.450 | ng    | 94       |
| 17) 2-Methylphenol            | 7.110  | 107  | 244116   | 39.928 | ng    | 95       |
| 18) Hexachloroethane          | 7.357  | 117  | 119345   | 39.774 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 227631   | 39.188 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 292264   | 38.757 | ng    | # 90     |
| 22) Acetophenone              | 7.269  | 105  | 391539   | 37.923 | ng    | 94       |
| 24) Nitrobenzene              | 7.440  | 77   | 354145   | 39.301 | ng    | 99       |
| 25) Isophorone                | 7.675  | 82   | 617889   | 41.058 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 151352   | 40.048 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.787  | 122  | 228816   | 40.249 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 394158   | 40.319 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 256561   | 39.754 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 290601   | 38.642 | ng    | 98       |
| 31) Naphthalene               | 8.157  | 128  | 826270   | 38.532 | ng    | 98       |
| 32) Benzoic acid              | 7.951  | 122  | 124527   | 39.358 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 322151   | 38.769 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 187121   | 39.183 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 81011m   | 40.717 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 281092   | 40.144 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 546149   | 39.609 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 526692   | 38.630 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 283776   | 38.381 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 68668    | 38.644 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 181851   | 40.689 | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 189391   | 41.166 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 665780   | 37.909 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 534393   | 38.639 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 212786   | 40.144 | ng    | 98       |
| 49) Acenaphthylene            | 9.751  | 152  | 791843   | 37.872 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 638288   | 39.456 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.687  | 165  | 133034   | 39.176 | ng    | # 86     |
| 52) Acenaphthene              | 9.928  | 154  | 474367   | 38.886 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 146636   | 39.365 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 88291    | 54.613 | ng    | # 88     |
| 55) Dibenzofuran              | 10.098 | 168  | 713076   | 40.154 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 76785    | 40.500 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 167934   | 38.420 | ng    | 95       |
| 58) Fluorene                  | 10.439 | 166  | 560177   | 39.333 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 158964   | 39.081 | ng    | 99       |
| 60) Diethylphthalate          | 10.310 | 149  | 569911   | 38.571 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.428 | 204  | 307812   | 36.815 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 131557   | 37.704 | ng    | 95       |
| 63) Azobenzene                | 10.592 | 77   | 666971   | 38.255 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 105123   | 42.786 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 488330   | 40.176 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 192554   | 41.304 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 202474   | 39.789 | ng    | 98       |
| 69) Atrazine                  | 11.081 | 200  | 168675   | 41.685 | ng    | 98       |
| 70) Pentachlorophenol         | 11.186 | 266  | 71045    | 39.855 | ng    | 99       |
| 71) Phenanthrene              | 11.404 | 178  | 810312   | 38.926 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 802293   | 38.837 | ng    | 99       |
| 73) Carbazole                 | 11.616 | 167  | 761388   | 38.540 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 859980   | 42.054 | ng    | 99       |
| 75) Fluoranthene              | 12.598 | 202  | 849623   | 37.107 | ng    | 99       |
| 77) Benzidine                 | 12.722 | 184  | 128741   | 22.251 | ng    | 97       |
| 78) Pyrene                    | 12.827 | 202  | 850307   | 40.830 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 298179   | 43.504 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 634312   | 39.089 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 186643   | 39.134 | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 604979   | 39.370 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 361882   | 45.674 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 522682   | 49.575 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.010 | 276  | 540315   | 39.935 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.069 | 252  | 483811   | 38.375 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 484292   | 37.055 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 411481   | 39.770 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 454318   | 40.672 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 457844   | 39.654 | ng    | 98       |

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

