

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071625\  
 Data File : BF143115.D  
 Acq On : 16 Jul 2025 15:45  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

Quant Time: Jul 16 16:06:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 15 17:53:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                   |
|-------------------------------|--------|------|----------|--------|-------|----------|-----------------------------------|
| Internal Standards            |        |      |          |        |       |          | 07/17/2025                        |
| 1) 1,4-Dichlorobenzene-d4     | 6.969  | 152  | 131921   | 20.000 | ng    | 0.00     | Supervised By :Jagrut<br>Opadhyay |
| 21) Naphthalene-d8            | 8.251  | 136  | 503399   | 20.000 | ng    | 0.00     |                                   |
| 39) Acenaphthene-d10          | 10.004 | 164  | 246871   | 20.000 | ng    | 0.00     |                                   |
| 64) Phenanthrene-d10          | 11.492 | 188  | 388906   | 20.000 | ng    | 0.00     |                                   |
| 76) Chrysene-d12              | 14.127 | 240  | 203031   | 20.000 | ng    | 0.00     |                                   |
| 86) Perylene-d12              | 15.633 | 264  | 245927   | 20.000 | ng    | 0.00     | 07/17/2025                        |
| System Monitoring Compounds   |        |      |          |        |       |          |                                   |
| 5) 2-Fluorophenol             | 5.587  | 112  | 660003   | 79.044 | ng    | 0.00     |                                   |
| 7) Phenol-d6                  | 6.587  | 99   | 827440   | 78.836 | ng    | 0.00     |                                   |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 812508   | 90.545 | ng    | 0.00     |                                   |
| 42) 2,4,6-Tribromophenol      | 10.792 | 330  | 190093   | 86.358 | ng    | 0.00     |                                   |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 1413430  | 76.106 | ng    | 0.00     |                                   |
| 79) Terphenyl-d14             | 13.074 | 244  | 1042123  | 75.032 | ng    | 0.00     |                                   |
| Target Compounds              |        |      |          |        |       |          | Qvalue                            |
| 2) 1,4-Dioxane                | 2.810  | 88   | 165400   | 39.794 | ng    |          | 98                                |
| 3) Pyridine                   | 3.581  | 79   | 416673   | 39.589 | ng    |          | 99                                |
| 4) n-Nitrosodimethylamine     | 3.522  | 42   | 212242   | 38.921 | ng    |          | 99                                |
| 6) Aniline                    | 6.628  | 93   | 579671   | 39.220 | ng    |          | 100                               |
| 8) 2-Chlorophenol             | 6.751  | 128  | 345763   | 41.216 | ng    |          | 98                                |
| 9) Benzaldehyde               | 6.516  | 77   | 327676   | 40.973 | ng    |          | 98                                |
| 10) Phenol                    | 6.598  | 94   | 477364   | 42.013 | ng    |          | 100                               |
| 11) bis(2-Chloroethyl)ether   | 6.698  | 93   | 344154   | 39.126 | ng    |          | 100                               |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 377391   | 39.819 | ng    |          | 99                                |
| 13) 1,4-Dichlorobenzene       | 6.986  | 146  | 376393   | 39.475 | ng    |          | 99                                |
| 14) 1,2-Dichlorobenzene       | 7.139  | 146  | 356908   | 39.252 | ng    |          | 98                                |
| 15) Benzyl Alcohol            | 7.098  | 79   | 312533   | 40.187 | ng    |          | 98                                |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239  | 45   | 631423   | 38.942 | ng    |          | 100                               |
| 17) 2-Methylphenol            | 7.204  | 107  | 289171   | 39.943 | ng    |          | 99                                |
| 18) Hexachloroethane          | 7.486  | 117  | 128067   | 41.259 | ng    |          | 98                                |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 252934   | 39.336 | ng    |          | 100                               |
| 20) 3+4-Methylphenols         | 7.363  | 107  | 357974   | 40.320 | ng    |          | 99                                |
| 22) Acetophenone              | 7.369  | 105  | 462924   | 38.148 | ng    | #        | 94                                |
| 24) Nitrobenzene              | 7.545  | 77   | 368903   | 42.585 | ng    |          | 99                                |
| 25) Isophorone                | 7.786  | 82   | 678633   | 39.126 | ng    |          | 100                               |
| 26) 2-Nitrophenol             | 7.863  | 139  | 144157   | 42.163 | ng    |          | 99                                |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 322558   | 40.069 | ng    |          | 99                                |
| 28) bis(2-Chloroethoxy)met... | 7.992  | 93   | 407408   | 38.735 | ng    |          | 100                               |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 271278   | 41.191 | ng    |          | 99                                |
| 30) 1,2,4-Trichlorobenzene    | 8.192  | 180  | 294738   | 39.434 | ng    |          | 98                                |
| 31) Naphthalene               | 8.275  | 128  | 971803   | 38.875 | ng    |          | 99                                |
| 32) Benzoic acid              | 7.986  | 122  | 162645m  | 41.560 | ng    |          |                                   |
| 33) 4-Chloroaniline           | 8.310  | 127  | 390615   | 38.857 | ng    |          | 99                                |
| 34) Hexachlorobutadiene       | 8.392  | 225  | 179112   | 40.070 | ng    |          | 99                                |
| 35) Caprolactam               | 8.669  | 113  | 82192    | 39.966 | ng    |          | 99                                |
| 36) 4-Chloro-3-methylphenol   | 8.780  | 107  | 293013   | 39.941 | ng    |          | 98                                |
| 37) 2-Methylnaphthalene       | 8.963  | 142  | 576386   | 38.650 | ng    |          | 100                               |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 601207   | 38.869 | ng    |          | 100                               |
| 40) 1,2,4,5-Tetrachloroben... | 9.127  | 216  | 281344   | 39.106 | ng    |          | 98                                |
| 41) Hexachlorocyclopentadiene | 9.122  | 237  | 170005   | 42.621 | ng    |          | 100                               |
| 43) 2,4,6-Trichlorophenol     | 9.233  | 196  | 190652   | 42.649 | ng    |          | 99                                |

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| 44) 2,4,5-Trichlorophenol     | 9.269  | 196  | 194999   | 41.602 | ng    | 100      | 07/17/2025                     |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 759994   | 38.603 | ng    | 99       | Supervised By :Jagrut Upadhyay |
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 567373   | 39.230 | ng    | 100      |                                |
| 48) 2-Nitroaniline            | 9.533  | 65   | 176017   | 41.241 | ng    | 100      |                                |
| 49) Acenaphthylene            | 9.869  | 152  | 936913   | 38.876 | ng    | 100      |                                |
| 50) Dimethylphthalate         | 9.722  | 163  | 609013   | 39.213 | ng    | 99       |                                |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 125657   | 41.356 | ng    | 96       | 07/17/2025                     |
| 52) Acenaphthene              | 10.039 | 154  | 548309   | 38.554 | ng    | 99       |                                |
| 53) 3-Nitroaniline            | 9.945  | 138  | 147130   | 43.841 | ng    | 97       |                                |
| 54) 2,4-Dinitrophenol         | 10.045 | 184  | 40799    | 43.043 | ng    | # 54     |                                |
| 55) Dibenzofuran              | 10.210 | 168  | 820876   | 38.724 | ng    | 99       |                                |
| 56) 4-Nitrophenol             | 10.086 | 139  | 112059   | 42.014 | ng    | 98       |                                |
| 57) 2,4-Dinitrotoluene        | 10.180 | 165  | 151282   | 40.077 | ng    | 98       |                                |
| 58) Fluorene                  | 10.551 | 166  | 604090   | 38.011 | ng    | 99       |                                |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232  | 157107   | 42.177 | ng    | 99       |                                |
| 60) Diethylphthalate          | 10.422 | 149  | 589423   | 39.337 | ng    | 100      |                                |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204  | 294403   | 38.649 | ng    | 98       |                                |
| 62) 4-Nitroaniline            | 10.557 | 138  | 123016   | 42.151 | ng    | 99       |                                |
| 63) Azobenzene                | 10.704 | 77   | 637453   | 38.467 | ng    | 99       |                                |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 59151    | 42.350 | ng    | 99       |                                |
| 66) n-Nitrosodiphenylamine    | 10.657 | 169  | 530174   | 38.810 | ng    | 99       |                                |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248  | 175100   | 39.591 | ng    | 99       |                                |
| 68) Hexachlorobenzene         | 11.104 | 284  | 183845   | 39.177 | ng    | 97       |                                |
| 69) Atrazine                  | 11.180 | 200  | 143672   | 41.107 | ng    | 98       |                                |
| 70) Pentachlorophenol         | 11.292 | 266  | 107622   | 41.802 | ng    | 99       |                                |
| 71) Phenanthrene              | 11.516 | 178  | 806104   | 38.407 | ng    | 99       |                                |
| 72) Anthracene                | 11.569 | 178  | 822394   | 38.964 | ng    | 100      |                                |
| 73) Carbazole                 | 11.716 | 167  | 721876   | 38.177 | ng    | 99       |                                |
| 74) Di-n-butylphthalate       | 12.051 | 149  | 714795   | 41.183 | ng    | 100      |                                |
| 75) Fluoranthene              | 12.704 | 202  | 728098   | 38.152 | ng    | 99       |                                |
| 77) Benzidine                 | 12.816 | 184  | 257063   | 37.164 | ng    | 98       |                                |
| 78) Pyrene                    | 12.933 | 202  | 716278   | 38.023 | ng    | 99       |                                |
| 80) Butylbenzylphthalate      | 13.545 | 149  | 148590   | 39.882 | ng    | 99       |                                |
| 81) Benzo(a)anthracene        | 14.115 | 228  | 520488   | 38.471 | ng    | 99       |                                |
| 82) 3,3'-Dichlorobenzidine    | 14.074 | 252  | 157030   | 39.969 | ng    | 99       |                                |
| 83) Chrysene                  | 14.157 | 228  | 505238   | 40.547 | ng    | 100      |                                |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149  | 228903   | 40.663 | ng    | 99       |                                |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 414320   | 39.708 | ng    | 99       |                                |
| 87) Indeno(1,2,3-cd)pyrene    | 17.174 | 276  | 756728   | 41.371 | ng    | 99       |                                |
| 88) Benzo(b)fluoranthene      | 15.192 | 252  | 562139   | 39.628 | ng    | 99       |                                |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 540652   | 39.950 | ng    | 99       |                                |
| 90) Benzo(a)pyrene            | 15.568 | 252  | 548463   | 40.880 | ng    | 100      |                                |
| 91) Dibenzo(a,h)anthracene    | 17.198 | 278  | 612601   | 40.970 | ng    | 99       |                                |
| 92) Benzo(g,h,i)perylene      | 17.645 | 276  | 618755   | 40.589 | ng    | 99       |                                |

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

