

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050125\  
 Data File : BP024486.D  
 Acq On : 01 May 2025 10:37  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

Quant Time: May 01 12:08:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                   |
|-------------------------------|--------|------|----------|--------|-------|----------|-----------------------------------|
| Internal Standards            |        |      |          |        |       |          | 05/02/2025                        |
| 1) 1,4-Dichlorobenzene-d4     | 7.711  | 152  | 147752   | 20.000 | ng    | -0.01    | Supervised By :Jagrut<br>Upadhyay |
| 21) Naphthalene-d8            | 10.481 | 136  | 596585   | 20.000 | ng    | #-0.02   |                                   |
| 39) Acenaphthene-d10          | 14.346 | 164  | 373130   | 20.000 | ng    | 0.00     |                                   |
| 64) Phenanthrene-d10          | 17.145 | 188  | 737949   | 20.000 | ng    | # 0.00   |                                   |
| 76) Chrysene-d12              | 21.592 | 240  | 820131   | 20.000 | ng    | 0.00     |                                   |
| 86) Perylene-d12              | 24.939 | 264  | 979134   | 20.000 | ng    | 0.00     | 05/02/2025                        |
| System Monitoring Compounds   |        |      |          |        |       |          |                                   |
| 5) 2-Fluorophenol             | 5.334  | 112  | 673943   | 75.419 | ng    | -0.01    |                                   |
| 7) Phenol-d6                  | 6.899  | 99   | 882966   | 72.162 | ng    | -0.01    |                                   |
| 23) Nitrobenzene-d5           | 8.863  | 82   | 811892   | 77.600 | ng    | 0.00     |                                   |
| 42) 2,4,6-Tribromophenol      | 15.863 | 330  | 491410   | 95.189 | ng    | 0.00     |                                   |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 1973498  | 80.981 | ng    | -0.01    |                                   |
| 79) Terphenyl-d14             | 19.869 | 244  | 3273021  | 80.441 | ng    | 0.00     |                                   |
| Target Compounds              |        |      |          |        |       |          | Qvalue                            |
| 2) 1,4-Dioxane                | 3.281  | 88   | 129194   | 34.181 | ng    |          | 96                                |
| 3) Pyridine                   | 3.676  | 79   | 331009   | 33.165 | ng    |          | 93                                |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 136126   | 41.096 | ng    | #        | 74                                |
| 6) Aniline                    | 7.052  | 93   | 392841   | 35.929 | ng    |          | 98                                |
| 8) 2-Chlorophenol             | 7.287  | 128  | 375237   | 37.611 | ng    |          | 98                                |
| 9) Benzaldehyde               | 6.864  | 77   | 245883   | 40.624 | ng    |          | 96                                |
| 10) Phenol                    | 6.922  | 94   | 435521   | 35.482 | ng    |          | 90                                |
| 11) bis(2-Chloroethyl)ether   | 7.146  | 93   | 334846   | 33.859 | ng    |          | 100                               |
| 12) 1,3-Dichlorobenzene       | 7.605  | 146  | 404068   | 37.620 | ng    |          | 100                               |
| 13) 1,4-Dichlorobenzene       | 7.746  | 146  | 410261   | 37.646 | ng    |          | 99                                |
| 14) 1,2-Dichlorobenzene       | 8.058  | 146  | 392890   | 37.336 | ng    |          | 98                                |
| 15) Benzyl Alcohol            | 7.952  | 79   | 312145   | 39.447 | ng    |          | 97                                |
| 16) 2,2'-oxybis(1-Chloropr... | 8.234  | 45   | 361149   | 33.785 | ng    |          | 99                                |
| 17) 2-Methylphenol            | 8.158  | 107  | 295423   | 37.205 | ng    |          | 97                                |
| 18) Hexachloroethane          | 8.775  | 117  | 151714   | 38.522 | ng    |          | 96                                |
| 19) n-Nitroso-di-n-propyla... | 8.511  | 70   | 265410   | 35.062 | ng    |          | 94                                |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 414549   | 37.626 | ng    |          | 98                                |
| 22) Acetophenone              | 8.522  | 105  | 566686   | 38.378 | ng    | #        | 97                                |
| 24) Nitrobenzene              | 8.899  | 77   | 390213   | 37.701 | ng    |          | 99                                |
| 25) Isophorone                | 9.422  | 82   | 713636   | 37.683 | ng    |          | 97                                |
| 26) 2-Nitrophenol             | 9.605  | 139  | 220031   | 43.441 | ng    |          | 96                                |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 250979   | 39.463 | ng    |          | 98                                |
| 28) bis(2-Chloroethoxy)met... | 9.893  | 93   | 450730   | 35.232 | ng    |          | 100                               |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 355334   | 40.977 | ng    |          | 98                                |
| 30) 1,2,4-Trichlorobenzene    | 10.346 | 180  | 375943   | 40.463 | ng    |          | 99                                |
| 31) Naphthalene               | 10.528 | 128  | 1212817  | 38.593 | ng    |          | 99                                |
| 32) Benzoic acid              | 9.828  | 122  | 317100m  | 42.790 | ng    |          |                                   |
| 33) 4-Chloroaniline           | 10.646 | 127  | 446104   | 40.310 | ng    |          | 98                                |
| 34) Hexachlorobutadiene       | 10.816 | 225  | 237029   | 43.415 | ng    |          | 99                                |
| 35) Caprolactam               | 11.440 | 113  | 127906   | 39.975 | ng    |          | 96                                |
| 36) 4-Chloro-3-methylphenol   | 11.781 | 107  | 411730   | 40.764 | ng    |          | 99                                |
| 37) 2-Methylnaphthalene       | 12.146 | 142  | 834151   | 38.274 | ng    |          | 97                                |
| 38) 1-Methylnaphthalene       | 12.369 | 142  | 821873   | 38.548 | ng    |          | 99                                |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216  | 426228   | 41.538 | ng    |          | 99                                |
| 41) Hexachlorocyclopentadiene | 12.493 | 237  | 148794   | 41.000 | ng    |          | 99                                |
| 43) 2,4,6-Trichlorophenol     | 12.763 | 196  | 291945   | 42.794 | ng    |          | 98                                |

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| 44) 2,4,5-Trichlorophenol     | 12.846 | 196  | 318969   | 42.222 | ng    | 98       | 05/02/2025                     |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 1082855  | 39.481 | ng    | 97       | Supervised By :Jagrut Upadhyay |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 812334   | 39.629 | ng    | 98       |                                |
| 48) 2-Nitroaniline            | 13.416 | 65   | 244988   | 42.607 | ng    | 99       |                                |
| 49) Acenaphthylene            | 14.063 | 152  | 1249284  | 38.709 | ng    | 99       |                                |
| 50) Dimethylphthalate         | 13.799 | 163  | 1077582  | 39.712 | ng    | 100      |                                |
| 51) 2,6-Dinitrotoluene        | 13.916 | 165  | 234942   | 40.774 | ng    | 95       | 05/02/2025                     |
| 52) Acenaphthene              | 14.404 | 154  | 776175   | 37.935 | ng    | 99       |                                |
| 53) 3-Nitroaniline            | 14.257 | 138  | 245201   | 40.489 | ng    | 96       |                                |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 145747   | 42.941 | ng    | 95       |                                |
| 55) Dibenzofuran              | 14.746 | 168  | 1272161  | 38.039 | ng    | 96       |                                |
| 56) 4-Nitrophenol             | 14.593 | 139  | 208593   | 39.882 | ng    | 92       |                                |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 334668   | 42.578 | ng    | 96       |                                |
| 58) Fluorene                  | 15.404 | 166  | 1008200  | 38.942 | ng    | 100      |                                |
| 59) 2,3,4,6-Tetrachlorophenol | 14.987 | 232  | 288836   | 41.453 | ng    | 99       |                                |
| 60) Diethylphthalate          | 15.181 | 149  | 1119859  | 40.048 | ng    | 99       |                                |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 506457   | 40.284 | ng    | 99       |                                |
| 62) 4-Nitroaniline            | 15.440 | 138  | 265592   | 41.428 | ng    | 90       |                                |
| 63) Azobenzene                | 15.698 | 77   | 958644   | 37.300 | ng    | 96       |                                |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 196422   | 42.219 | ng    | 96       |                                |
| 66) n-Nitrosodiphenylamine    | 15.622 | 169  | 862970   | 39.179 | ng    | 99       |                                |
| 67) 4-Bromophenyl-phenylether | 16.316 | 248  | 335283   | 41.543 | ng    | 100      |                                |
| 68) Hexachlorobenzene         | 16.440 | 284  | 420624   | 43.859 | ng    | 99       |                                |
| 69) Atrazine                  | 16.598 | 200  | 223377   | 39.819 | ng    | 99       |                                |
| 70) Pentachlorophenol         | 16.792 | 266  | 293539   | 43.874 | ng    | 99       |                                |
| 71) Phenanthrene              | 17.187 | 178  | 1550769  | 38.522 | ng    | 100      |                                |
| 72) Anthracene                | 17.281 | 178  | 1549476  | 39.935 | ng    | 99       |                                |
| 73) Carbazole                 | 17.563 | 167  | 1482653  | 39.109 | ng    | 99       |                                |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 1947580  | 41.235 | ng    | 100      |                                |
| 75) Fluoranthene              | 19.275 | 202  | 1916893  | 40.036 | ng    | 96       |                                |
| 77) Benzidine                 | 19.469 | 184  | 631788   | 60.773 | ng    | 99       |                                |
| 78) Pyrene                    | 19.651 | 202  | 1964755  | 37.697 | ng    | 99       |                                |
| 80) Butylbenzylphthalate      | 20.604 | 149  | 923015   | 41.346 | ng    | 94       |                                |
| 81) Benzo(a)anthracene        | 21.575 | 228  | 1961943  | 38.487 | ng    | 100      |                                |
| 82) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 777836   | 43.474 | ng    | 99       |                                |
| 83) Chrysene                  | 21.645 | 228  | 1881857  | 38.533 | ng    | 100      |                                |
| 84) Bis(2-ethylhexyl)phtha... | 21.510 | 149  | 1332713  | 40.723 | ng    | 99       |                                |
| 85) Di-n-octyl phthalate      | 22.786 | 149  | 2299618  | 43.223 | ng    | 100      |                                |
| 87) Indeno(1,2,3-cd)pyrene    | 28.751 | 276  | 2727671m | 40.127 | ng    |          |                                |
| 88) Benzo(b)fluoranthene      | 23.880 | 252  | 2206536  | 37.596 | ng    | #        | 97                             |
| 89) Benzo(k)fluoranthene      | 23.957 | 252  | 2146431  | 37.862 | ng    | #        | 97                             |
| 90) Benzo(a)pyrene            | 24.792 | 252  | 1971970  | 38.952 | ng    | #        | 97                             |
| 91) Dibenzo(a,h)anthracene    | 28.821 | 278  | 2241033  | 39.719 | ng    |          | 96                             |
| 92) Benzo(g,h,i)perylene      | 29.933 | 276  | 2266414  | 39.464 | ng    | #        | 94                             |

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

