

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
 Data File : BP019605.D  
 Acq On : 08 Feb 2024 12:16  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Manual Integrations  
 APPROVED

Reviewed By :Jagrut  
 Upadhyay

Quant Time: Feb 08 12:53:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| Internal Standards            |        |      |          |        |       |          | 02/09/2024                       |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 71075    | 20.000 | ng    | -0.01    | Supervised By :mohammad<br>Ahmed |
| 21) Naphthalene-d8            | 10.704 | 136  | 260472   | 20.000 | ng    | -0.01    |                                  |
| 39) Acenaphthene-d10          | 14.539 | 164  | 169449   | 20.000 | ng    | -0.01    |                                  |
| 64) Phenanthrene-d10          | 17.292 | 188  | 384789   | 20.000 | ng    | -0.01    |                                  |
| 76) Chrysene-d12              | 21.386 | 240  | 436422   | 20.000 | ng    | 0.00     |                                  |
| 86) Perylene-d12              | 23.798 | 264  | 535469   | 20.000 | ng    | -0.02    | 02/09/2024                       |
| System Monitoring Compounds   |        |      |          |        |       |          |                                  |
| 5) 2-Fluorophenol             | 5.475  | 112  | 349934   | 79.362 | ng    | -0.01    |                                  |
| 7) Phenol-d6                  | 7.075  | 99   | 471750   | 79.347 | ng    | -0.01    |                                  |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 470132   | 78.210 | ng    | -0.01    |                                  |
| 42) 2,4,6-Tribromophenol      | 16.028 | 330  | 210439   | 85.058 | ng    | -0.01    |                                  |
| 45) 2-Fluorobiphenyl          | 13.169 | 172  | 1022093  | 74.568 | ng    | -0.01    |                                  |
| 79) Terphenyl-d14             | 19.863 | 244  | 1898561  | 71.542 | ng    | 0.00     |                                  |
| Target Compounds              |        |      |          |        |       |          | Qvalue                           |
| 2) 1,4-Dioxane                | 3.381  | 88   | 68214    | 40.154 | ng    |          | 99                               |
| 3) Pyridine                   | 3.775  | 79   | 188969   | 41.029 | ng    |          | 98                               |
| 4) n-Nitrosodimethylamine     | 3.699  | 42   | 80484    | 40.137 | ng    |          | 99                               |
| 6) Aniline                    | 7.234  | 93   | 226426   | 39.194 | ng    |          | 99                               |
| 8) 2-Chlorophenol             | 7.469  | 128  | 177213   | 39.146 | ng    |          | 96                               |
| 9) Benzaldehyde               | 7.052  | 77   | 180030   | 43.190 | ng    |          | 97                               |
| 10) Phenol                    | 7.099  | 94   | 231922   | 39.139 | ng    |          | 97                               |
| 11) bis(2-Chloroethyl)ether   | 7.340  | 93   | 172034   | 37.317 | ng    |          | 100                              |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 215845   | 38.966 | ng    |          | 99                               |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 217229   | 38.708 | ng    |          | 99                               |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 207576   | 38.228 | ng    |          | 99                               |
| 15) Benzyl Alcohol            | 8.151  | 79   | 180505   | 37.998 | ng    |          | 100                              |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446  | 45   | 166163m  | 36.044 | ng    |          |                                  |
| 17) 2-Methylphenol            | 8.351  | 107  | 154531   | 38.736 | ng    |          | 99                               |
| 18) Hexachloroethane          | 8.975  | 117  | 81009    | 37.241 | ng    |          | 98                               |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 146192   | 35.999 | ng    |          | 97                               |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 209411   | 38.463 | ng    |          | 98                               |
| 22) Acetophenone              | 8.734  | 105  | 287213   | 38.706 | ng    | #        | 98                               |
| 24) Nitrobenzene              | 9.116  | 77   | 238474   | 39.402 | ng    |          | 99                               |
| 25) Isophorone                | 9.640  | 82   | 394490   | 37.683 | ng    |          | 99                               |
| 26) 2-Nitrophenol             | 9.822  | 139  | 92993    | 40.297 | ng    |          | 97                               |
| 27) 2,4-Dimethylphenol        | 9.887  | 122  | 116482   | 39.474 | ng    |          | 99                               |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 219834   | 37.114 | ng    |          | 99                               |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 177827   | 39.866 | ng    |          | 98                               |
| 30) 1,2,4-Trichlorobenzene    | 10.563 | 180  | 216062   | 39.504 | ng    |          | 99                               |
| 31) Naphthalene               | 10.757 | 128  | 555631   | 38.894 | ng    |          | 99                               |
| 32) Benzoic acid              | 10.010 | 122  | 121491   | 42.257 | ng    |          | 96                               |
| 33) 4-Chloroaniline           | 10.875 | 127  | 212990   | 40.315 | ng    |          | 99                               |
| 34) Hexachlorobutadiene       | 11.028 | 225  | 155004   | 38.244 | ng    |          | 99                               |
| 35) Caprolactam               | 11.657 | 113  | 54736    | 43.345 | ng    |          | 95                               |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 196350   | 40.369 | ng    |          | 99                               |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 384101   | 38.851 | ng    |          | 99                               |
| 38) 1-Methylnaphthalene       | 12.581 | 142  | 376599   | 38.763 | ng    |          | 99                               |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 248534   | 38.031 | ng    |          | 98                               |
| 41) Hexachlorocyclopentadiene | 12.698 | 237  | 112195   | 38.004 | ng    |          | 99                               |
| 43) 2,4,6-Trichlorophenol     | 12.975 | 196  | 153200   | 38.715 | ng    |          | 99                               |

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Quant Time: Feb 08 12:53:21 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.039 | 196  | 170888   | 39.328 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.375 | 154  | 498085   | 36.829 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.416 | 162  | 424209   | 38.210 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.628 | 65   | 128484   | 41.389 | ng    | 98       |
| 49) Acenaphthylene            | 14.263 | 152  | 602821   | 38.703 | ng    | 99       |
| 50) Dimethylphthalate         | 14.010 | 163  | 500206   | 38.561 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.128 | 165  | 117376   | 41.185 | ng    | 98       |
| 52) Acenaphthene              | 14.604 | 154  | 372212   | 38.504 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.457 | 138  | 113207   | 43.223 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 66284    | 44.794 | ng    | 99       |
| 55) Dibenzofuran              | 14.939 | 168  | 614743   | 39.045 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.757 | 139  | 98115    | 45.704 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 163822   | 43.864 | ng    | 99       |
| 58) Fluorene                  | 15.586 | 166  | 499209   | 39.809 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232  | 153803   | 42.081 | ng    | 98       |
| 60) Diethylphthalate          | 15.375 | 149  | 502370   | 38.936 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 271760   | 38.557 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.616 | 138  | 124170   | 45.229 | ng    | 98       |
| 63) Azobenzene                | 15.881 | 77   | 480251   | 38.491 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198  | 95083    | 43.336 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.804 | 169  | 421414   | 36.568 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.486 | 248  | 168738   | 35.078 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.580 | 284  | 211744   | 37.694 | ng    | 97       |
| 69) Atrazine                  | 16.769 | 200  | 145865   | 38.144 | ng    | 97       |
| 70) Pentachlorophenol         | 16.933 | 266  | 147681   | 42.216 | ng    | 100      |
| 71) Phenanthrene              | 17.333 | 178  | 787867   | 38.907 | ng    | 99       |
| 72) Anthracene                | 17.427 | 178  | 790709   | 39.143 | ng    | 100      |
| 73) Carbazole                 | 17.704 | 167  | 767032   | 41.797 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.263 | 149  | 830644   | 37.435 | ng    | 100      |
| 75) Fluoranthene              | 19.304 | 202  | 1064165  | 43.018 | ng    | 99       |
| 77) Benzidine                 | 19.492 | 184  | 298037   | 32.665 | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1116101  | 36.236 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 404432   | 35.161 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.368 | 228  | 1189031  | 38.704 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.310 | 252  | 427758   | 38.211 | ng    | 100      |
| 83) Chrysene                  | 21.421 | 228  | 1126482  | 38.622 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 568212   | 32.441 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.257 | 149  | 1024663  | 33.250 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.321 | 276  | 1560422  | 38.070 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.062 | 252  | 1324662  | 39.251 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.110 | 252  | 1255773  | 38.954 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.692 | 252  | 1170688  | 38.986 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.345 | 278  | 1284263  | 38.096 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.092 | 276  | 1300451  | 38.025 | ng    | 99       |

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

