

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021725\  
 Data File : BP024076.D  
 Acq On : 17 Feb 2025 16:14  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 02/20/2025  
 Supervised By :Jagrut Upadhyay 02/20/2025

Quant Time: Feb 18 02:05:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 18 01:47:18 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 440826   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.540 | 136  | 1717544  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.404 | 164  | 1017383  | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 1880174  | 20.000  | ng    | 0.02     |
| 76) Chrysene-d12              | 21.657 | 240  | 1907821  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 25.051 | 264  | 1963234  | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 4655597  | 164.791 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.952  | 99   | 6002030  | 165.296 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.916  | 82   | 5035085  | 163.549 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.916 | 330  | 2360759  | 189.440 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 11068258 | 152.090 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 14474539 | 150.126 | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.311  | 88   | 859427   | 77.548  | ng    | 99       |
| 3) Pyridine                   | 3.711  | 79   | 2334890m | 80.949  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.616  | 42   | 824986   | 80.718  | ng    | 99       |
| 6) Aniline                    | 7.105  | 93   | 2656296  | 79.881  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.340  | 128  | 2443568  | 81.718  | ng    | 98       |
| 9) Benzaldehyde               | 6.910  | 77   | 889530   | 53.657  | ng    | 99       |
| 10) Phenol                    | 6.975  | 94   | 2977839  | 81.555  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 2322121  | 80.745  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 2598604  | 79.104  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 2636240  | 79.353  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.110  | 146  | 2531681  | 79.406  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.005  | 79   | 1915885  | 86.198  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281  | 45   | 2192813  | 78.547  | ng    | 98       |
| 17) 2-Methylphenol            | 8.204  | 107  | 1882108  | 84.586  | ng    | 99       |
| 18) Hexachloroethane          | 8.834  | 117  | 968733   | 80.969  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.563  | 70   | 1669495  | 85.513  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.534  | 107  | 2589176  | 85.537  | ng    | 99       |
| 22) Acetophenone              | 8.575  | 105  | 3570429  | 80.896  | ng    | # 99     |
| 24) Nitrobenzene              | 8.957  | 77   | 2449822  | 80.856  | ng    | 97       |
| 25) Isophorone                | 9.481  | 82   | 4374356  | 86.888  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.657  | 139  | 1319705  | 94.542  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.722  | 122  | 1580579  | 86.260  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.951  | 93   | 3026515  | 82.984  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.198 | 162  | 2231559  | 89.241  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 2369046  | 82.688  | ng    | 99       |
| 31) Naphthalene               | 10.593 | 128  | 7364453  | 79.743  | ng    | 99       |
| 32) Benzoic acid              | 9.904  | 122  | 1672967  | 80.931  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.704 | 127  | 2752863  | 84.613  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 1379105  | 83.106  | ng    | 100      |
| 35) Caprolactam               | 11.510 | 113  | 703840   | 79.435  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.834 | 107  | 2311777  | 89.930  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.204 | 142  | 5146080  | 83.837  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.422 | 142  | 4940197  | 82.731  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216  | 2586924  | 82.756  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.557 | 237  | 992999   | 85.368  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.816 | 196  | 1696965  | 89.015  | ng    | 99       |

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|-------------------------------|--------|------|-----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.898 | 196  | 1846715   | 88.576  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.222 | 154  | 6394659   | 80.887  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.263 | 162  | 4837156   | 80.939  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.463 | 65   | 1272607   | 90.146  | ng    | 98       |
| 49) Acenaphthylene            | 14.116 | 152  | 7353619   | 83.516  | ng    | 99       |
| 50) Dimethylphthalate         | 13.857 | 163  | 6052388   | 84.337  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.975 | 165  | 1294392   | 88.544  | ng    | 98       |
| 52) Acenaphthene              | 14.463 | 154  | 4649176   | 81.994  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.316 | 138  | 1422235   | 91.172  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.516 | 184  | 785416    | 81.347  | ng    | 94       |
| 55) Dibenzofuran              | 14.810 | 168  | 7468385   | 81.080  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.639 | 139  | 1213890   | 90.085  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.775 | 165  | 1792037   | 94.366  | ng    | 95       |
| 58) Fluorene                  | 15.463 | 166  | 5910096   | 82.157  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.039 | 232  | 1614821   | 89.273  | ng    | 99       |
| 60) Diethylphthalate          | 15.245 | 149  | 6085270   | 85.419  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204  | 2961695   | 83.644  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 1499607   | 78.926  | ng    | 98       |
| 63) Azobenzene                | 15.763 | 77   | 5508202   | 82.511  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198  | 1038934   | 81.263  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 4967720   | 84.726  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.375 | 248  | 1866041   | 88.382  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.498 | 284  | 2109681   | 84.918  | ng    | 99       |
| 69) Atrazine                  | 16.657 | 200  | 1080242   | 71.792  | ng    | 98       |
| 70) Pentachlorophenol         | 16.857 | 266  | 1500010   | 92.962  | ng    | 99       |
| 71) Phenanthrene              | 17.257 | 178  | 8626273   | 81.379  | ng    | 98       |
| 72) Anthracene                | 17.339 | 178  | 8443057   | 83.116  | ng    | 99       |
| 73) Carbazole                 | 17.628 | 167  | 8103491   | 83.727  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.222 | 149  | 9961935   | 88.213  | ng    | 99       |
| 75) Fluoranthene              | 19.333 | 202  | 9785487   | 81.616  | ng    | 98       |
| 77) Benzidine                 | 19.527 | 184  | 3764560   | 161.931 | ng    | 100      |
| 78) Pyrene                    | 19.710 | 202  | 10143263  | 83.702  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.669 | 149  | 4453020   | 95.894  | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.639 | 228  | 9880066   | 82.588  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.569 | 252  | 3709136   | 99.221  | ng    | 99       |
| 83) Chrysene                  | 21.710 | 228  | 9516779   | 82.499  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.580 | 149  | 6676000   | 94.805  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.880 | 149  | 10807777  | 96.020  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.915 | 276  | 12121784m | 86.749  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.968 | 252  | 10643647  | 85.374  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.045 | 252  | 10206417  | 84.108  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.886 | 252  | 9312588   | 88.018  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.986 | 278  | 10132027  | 86.278  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.097 | 276  | 10157572  | 85.238  | ng    | 99       |

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

