

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030725\  
 Data File : BF141882.D  
 Acq On : 07 Mar 2025 08:56  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 07 09:59:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 205331   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 782990   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 424782   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 725251   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 490278   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.516 | 264  | 391726   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 1031377  | 80.217  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1296674  | 77.483  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1184936  | 96.733  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 442578   | 110.979 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2257414  | 85.212  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2645443  | 87.300  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 224036   | 38.402  | ng    | 94       |
| 3) Pyridine                   | 3.452  | 79   | 553758   | 38.149  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.405  | 42   | 267805   | 38.344  | ng    | # 95     |
| 6) Aniline                    | 6.551  | 93   | 641254   | 36.857  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 553709   | 39.810  | ng    | 98       |
| 9) Benzaldehyde               | 6.440  | 77   | 321005   | 32.976  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 685809   | 38.350  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 498913   | 36.600  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 601225   | 40.364  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 610492   | 40.677  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 568639   | 40.575  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 523102   | 39.112  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 591614   | 28.578  | ng    | 93       |
| 17) 2-Methylphenol            | 7.134  | 107  | 442917   | 38.580  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 226945   | 40.401  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 389005   | 35.361  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 561800   | 39.298  | ng    | # 90     |
| 22) Acetophenone              | 7.298  | 105  | 768440   | 40.296  | ng    | 96       |
| 24) Nitrobenzene              | 7.469  | 77   | 588671   | 44.877  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 983654   | 37.378  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 297950   | 50.577  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 390066   | 40.322  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 609152   | 36.287  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 475142   | 42.576  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 519011   | 42.442  | ng    | 99       |
| 31) Naphthalene               | 8.193  | 128  | 1645331  | 40.885  | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 382129   | 47.436  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 578275   | 39.191  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 335125   | 44.100  | ng    | 98       |
| 35) Caprolactam               | 8.610  | 113  | 146525   | 42.679  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 530951   | 42.828  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 1066463  | 40.403  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 1032881  | 40.781  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 529113   | 43.129  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 222751   | 43.507  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 346714   | 43.751  | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 370446   | 47.207 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1325077  | 40.983 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 995170   | 41.702 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 310512   | 47.578 | ng    | 95       |
| 49) Acenaphthylene            | 9.787  | 152  | 1482184  | 41.425 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1195459  | 42.024 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 263902   | 48.466 | ng    | 94       |
| 52) Acenaphthene              | 9.957  | 154  | 1065668  | 44.141 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 279903   | 48.270 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 150349   | 64.789 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1447705  | 41.199 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 233707   | 55.625 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 352174   | 52.617 | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 1131091  | 42.973 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 325495   | 47.692 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 1196331  | 41.951 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 576098   | 43.684 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 278576   | 57.344 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 1132824  | 37.727 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 203648   | 57.660 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 958807   | 40.261 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 363416   | 42.900 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 405812   | 45.366 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 225851   | 34.487 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 283509   | 49.971 | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 1627067  | 41.941 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1625869  | 41.818 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1464842  | 42.664 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1777768  | 40.848 | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1741431  | 43.809 | ng    | 97       |
| 77) Benzidine                 | 12.739 | 184  | 334863   | 54.265 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 1750834  | 41.240 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 675703   | 43.806 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1314838  | 40.602 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 389271   | 41.897 | ng    | 99       |
| 83) Chrysene                  | 14.069 | 228  | 1218583  | 40.821 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 866982   | 45.141 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1171115  | 40.729 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 1076120  | 43.142 | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1123711  | 42.113 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 906957   | 39.990 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 879490   | 41.098 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 877994   | 43.122 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 902824   | 43.283 | ng    | # 95     |

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

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