

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123024\  
 Data File : BF141021.D  
 Acq On : 30 Dec 2024 10:17  
 Operator : RC/JU  
 Sample : PB165894BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165894BS

Quant Time: Dec 30 10:59:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 265480   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 1062209  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 563633   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 910683   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 524973   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 559032   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 2355204  | 133.727 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.457  | 99   | 3010633  | 132.697 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 1806013  | 108.778 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 863281   | 157.623 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 3354071  | 94.811  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 3356168  | 106.188 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.657  | 88   | 327211   | 41.037  | ng    | 99       |
| 3) Pyridine                   | 3.404  | 79   | 885715   | 45.454  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 471291   | 47.735  | ng    | 100      |
| 6) Aniline                    | 6.492  | 93   | 1044494  | 51.619  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 958604   | 51.625  | ng    | 97       |
| 9) Benzaldehyde               | 6.381  | 77   | 175984   | 9.571   | ng    | 97       |
| 10) Phenol                    | 6.475  | 94   | 1195100  | 50.942  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 908900   | 47.982  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 972113   | 47.438  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 986338   | 47.746  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 945408   | 49.084  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 831212   | 50.983  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 1438685  | 50.222  | ng    | 99       |
| 17) 2-Methylphenol            | 7.081  | 107  | 772182   | 50.056  | ng    | 99       |
| 18) Hexachloroethane          | 7.345  | 117  | 360723   | 49.155  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 679575   | 48.892  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 954601   | 48.900  | ng    | # 89     |
| 22) Acetophenone              | 7.240  | 105  | 1250805  | 48.002  | ng    | 96       |
| 24) Nitrobenzene              | 7.410  | 77   | 959427   | 51.716  | ng    | 99       |
| 25) Isophorone                | 7.651  | 82   | 1827974  | 50.597  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 413463   | 53.678  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 773942   | 58.615  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 1123896  | 49.099  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 759912   | 50.745  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 802320   | 47.336  | ng    | 99       |
| 31) Naphthalene               | 8.134  | 128  | 2679451  | 47.871  | ng    | 100      |
| 32) Benzoic acid              | 7.881  | 122  | 530675   | 48.704  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.181  | 127  | 532305   | 26.288  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 481762   | 48.214  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 253782m  | 49.850  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 821594   | 49.402  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1764256  | 49.271  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1649595  | 46.876  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 771312   | 49.742  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.981  | 237  | 946981   | 184.288 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 545815   | 52.888  | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 563885   | 53.400  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 2142081  | 49.635  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1614810  | 48.245  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.404  | 65   | 482653   | 54.432  | ng    | 96       |
| 49) Acenaphthylene            | 9.728  | 152  | 2490576  | 51.689  | ng    | 100      |
| 50) Dimethylphthalate         | 9.592  | 163  | 1889611  | 50.969  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 392834   | 51.656  | ng    | 97       |
| 52) Acenaphthene              | 9.898  | 154  | 1758675  | 53.990  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.816  | 138  | 270023   | 33.872  | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.928  | 184  | 332519   | 99.313  | ng    | # 1      |
| 55) Dibenzofuran              | 10.075 | 168  | 2251400  | 49.180  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 709465   | 111.872 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 519335   | 55.370  | ng    | 99       |
| 58) Fluorene                  | 10.416 | 166  | 1728750  | 48.699  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 489241   | 55.943  | ng    | 97       |
| 60) Diethylphthalate          | 10.292 | 149  | 1815649  | 49.607  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 844190   | 49.422  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.428 | 138  | 409804   | 49.758  | ng    | 96       |
| 63) Azobenzene                | 10.569 | 77   | 1896588  | 49.369  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 227800   | 59.869  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.528 | 169  | 1568332  | 54.689  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 550440   | 55.913  | ng    | 97       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 589836   | 54.336  | ng    | 100      |
| 69) Atrazine                  | 11.051 | 200  | 522116   | 65.171  | ng    | 100      |
| 70) Pentachlorophenol         | 11.157 | 266  | 716690   | 106.042 | ng    | 100      |
| 71) Phenanthrene              | 11.375 | 178  | 2529378  | 52.772  | ng    | 99       |
| 72) Anthracene                | 11.427 | 178  | 2568255  | 54.684  | ng    | 100      |
| 73) Carbazole                 | 11.580 | 167  | 2246352  | 49.754  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 2619214  | 51.005  | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 2425427  | 46.658  | ng    | 100      |
| 77) Benzidine                 | 12.680 | 184  | 672047   | 60.573  | ng    | 99       |
| 78) Pyrene                    | 12.792 | 202  | 2453948  | 53.448  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 869442   | 51.860  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1748285  | 47.784  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 398466   | 36.249  | ng    | 99       |
| 83) Chrysene                  | 14.016 | 228  | 1664973  | 50.481  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 1043963  | 48.005  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1711465  | 54.375  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.921 | 276  | 2187757  | 62.116  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 1842176  | 47.248  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.063 | 252  | 1466521  | 47.991  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 1627162  | 53.768  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 1742189  | 61.023  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.362 | 276  | 1691257  | 57.115  | ng    | 99       |

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

