

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011525\  
 Data File : BF141167.D  
 Acq On : 15 Jan 2025 11:19  
 Operator : RC/JU  
 Sample : PB166008BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166008BS

Quant Time: Jan 15 11:40:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 128373   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 503608   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 270144   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 467141   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 312476   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 279285   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 1183364  | 142.402 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 1488168  | 141.375 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 937164   | 98.643  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 484743   | 157.481 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1715899  | 96.995  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2055159  | 97.754  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 158439   | 42.815  | ng    | 99       |
| 3) Pyridine                   | 3.369  | 79   | 401898   | 44.288  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 222418   | 50.126  | ng    | 97       |
| 6) Aniline                    | 6.481  | 93   | 373415   | 39.956  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 473125   | 53.067  | ng    | 97       |
| 9) Benzaldehyde               | 6.369  | 77   | 58152    | 9.380   | ng    | 97       |
| 10) Phenol                    | 6.463  | 94   | 563041   | 49.968  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 422820   | 50.351  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 493380   | 49.617  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 498856   | 49.785  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 472284   | 50.528  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 406142   | 53.427  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.093  | 45   | 562263   | 47.982  | ng    | 96       |
| 17) 2-Methylphenol            | 7.069  | 107  | 372360   | 51.732  | ng    | 98       |
| 18) Hexachloroethane          | 7.334  | 117  | 180637   | 49.850  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 310093   | 50.009  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 464514   | 51.153  | ng    | 93       |
| 22) Acetophenone              | 7.228  | 105  | 608505   | 50.827  | ng    | # 94     |
| 24) Nitrobenzene              | 7.404  | 77   | 482258   | 48.705  | ng    | 99       |
| 25) Isophorone                | 7.640  | 82   | 833493   | 51.336  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 240678   | 53.436  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 373051   | 61.404  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 508360   | 49.891  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 380982   | 52.801  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 398785   | 48.352  | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1329653  | 50.066  | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 298388   | 51.200  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 175259   | 19.081  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 244631   | 49.225  | ng    | 99       |
| 35) Caprolactam               | 8.539  | 113  | 125844m  | 53.272  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 418000   | 52.970  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 860798   | 50.863  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 809950   | 48.561  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 388958   | 50.164  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 490062   | 193.186 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 282793   | 54.078  | ng    | 100      |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.134  | 196  | 278346   | 50.399  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 1056455  | 50.357  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 796401   | 48.739  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.398  | 65   | 256733   | 53.002  | ng    | 98       |
| 49) Acenaphthylene            | 9.722  | 152  | 1250235  | 53.554  | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 938397   | 51.743  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 213427   | 50.606  | ng    | 98       |
| 52) Acenaphthene              | 9.892  | 154  | 939737   | 57.616  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.810  | 138  | 118514   | 27.653  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 243101   | 121.270 | ng    | 96       |
| 55) Dibenzofuran              | 10.069 | 168  | 1151614  | 51.909  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 377144   | 112.363 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 297217   | 54.685  | ng    | 99       |
| 58) Fluorene                  | 10.410 | 166  | 883041   | 51.233  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.181 | 232  | 250469   | 54.560  | ng    | 99       |
| 60) Diethylphthalate          | 10.286 | 149  | 880708   | 49.743  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 422508   | 50.296  | ng    | 100      |
| 62) 4-Nitroaniline            | 10.428 | 138  | 222239   | 52.981  | ng    | 97       |
| 63) Azobenzene                | 10.563 | 77   | 881911   | 50.481  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 163796   | 60.509  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 776331   | 51.524  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 272552   | 50.677  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 315836   | 52.754  | ng    | 98       |
| 69) Atrazine                  | 11.051 | 200  | 262146   | 64.616  | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 399158   | 104.109 | ng    | 98       |
| 71) Phenanthrene              | 11.375 | 178  | 1345642  | 53.655  | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1383464  | 56.732  | ng    | 100      |
| 73) Carbazole                 | 11.575 | 167  | 1240340  | 55.471  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1327466  | 51.876  | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 1442414  | 57.635  | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 311851   | 53.817  | ng    | 100      |
| 78) Pyrene                    | 12.786 | 202  | 1460324  | 48.929  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 523518   | 52.611  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1114870  | 52.425  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 220374   | 32.545  | ng    | 98       |
| 83) Chrysene                  | 14.016 | 228  | 971235   | 48.810  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.969 | 149  | 613202   | 51.360  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 896816   | 49.742  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 1027187  | 50.202  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 977639   | 54.285  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 809540   | 53.191  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 836418   | 56.292  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.921 | 278  | 826479   | 49.941  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.345 | 276  | 789103   | 45.842  | ng    | 99       |

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

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