

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010825\  
 Data File : BF141093.D  
 Acq On : 08 Jan 2025 19:23  
 Operator : RC/JU  
 Sample : Q1025-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMS

Quant Time: Jan 09 00:03:56 2025  
 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     | 6.828  | 152  | 199639   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 765882   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 380235   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 536144   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 412926   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 359191   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 1111499  | 83.924  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 1428503  | 83.728  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 877844   | 73.331  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 351625   | 95.168  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 1429646  | 59.904  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1183637  | 47.612  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 257873   | 43.007  | ng    | 97       |
| 3) Pyridine                   | 3.375  | 79   | 653751   | 44.614  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 338251   | 45.559  | ng    | 100      |
| 6) Aniline                    | 6.487  | 93   | 285235   | 18.745  | ng    | # 92     |
| 8) 2-Chlorophenol             | 6.610  | 128  | 682434   | 48.873  | ng    | 97       |
| 9) Benzaldehyde               | 6.375  | 77   | 102738   | 5.096   | ng    | 96       |
| 10) Phenol                    | 6.469  | 94   | 837631   | 47.480  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 635441   | 44.609  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 707827   | 45.932  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 711096   | 45.774  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 683799   | 47.210  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 580928   | 47.383  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 934229   | 43.367  | ng    | 98       |
| 17) 2-Methylphenol            | 7.081  | 107  | 534157   | 46.046  | ng    | 99       |
| 18) Hexachloroethane          | 7.339  | 117  | 259141   | 46.959  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 450719   | 43.122  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 655748   | 44.669  | ng    | # 78     |
| 22) Acetophenone              | 7.239  | 105  | 855608   | 45.540  | ng    | 99       |
| 24) Nitrobenzene              | 7.410  | 77   | 695198   | 51.972  | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 1226789  | 47.094  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.728  | 139  | 343328   | 61.015  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 532575   | 55.941  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 748114   | 45.328  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 528976   | 48.991  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 559389   | 45.773  | ng    | 99       |
| 31) Naphthalene               | 8.133  | 128  | 1870733  | 46.354  | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 434025   | 54.212  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.181  | 127  | 88830    | 6.084   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 341623   | 47.417  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 179744m  | 48.968  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 566937   | 47.279  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1199107  | 46.445  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1111768  | 43.816  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 543142   | 51.922  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 495647   | 142.979 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 368289   | 52.899  | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 374452   | 52.565  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1459490  | 50.129  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1102877  | 48.843  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 342247   | 56.976  | ng    | 91       |
| 49) Acenaphthylene            | 9.727  | 152  | 1682038  | 51.747  | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 1301023  | 52.019  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 281931   | 54.721  | ng    | 95       |
| 52) Acenaphthene              | 9.898  | 154  | 1165897  | 53.055  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.810  | 138  | 174040   | 32.507  | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 210762   | 95.322  | ng    | # 1      |
| 55) Dibenzofuran              | 10.069 | 168  | 1490984  | 48.279  | ng    | 100      |
| 56) 4-Nitrophenol             | 9.969  | 139  | 413702   | 96.699  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 366722   | 57.747  | ng    | 96       |
| 58) Fluorene                  | 10.410 | 166  | 1102638  | 46.043  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 302372   | 51.251  | ng    | 96       |
| 60) Diethylphthalate          | 10.286 | 149  | 1210067  | 49.008  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 549823   | 47.714  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 242690   | 44.089  | ng    | 94       |
| 63) Azobenzene                | 10.563 | 77   | 1260387  | 48.633  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 144467   | 63.770  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 987172   | 58.471  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 340862   | 58.812  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 350942   | 54.914  | ng    | 100      |
| 69) Atrazine                  | 11.051 | 200  | 309371   | 65.592  | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 410340   | 103.128 | ng    | 99       |
| 71) Phenanthrene              | 11.374 | 178  | 1508543  | 53.461  | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1498038  | 54.179  | ng    | 100      |
| 73) Carbazole                 | 11.574 | 167  | 1250399  | 47.042  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1556027  | 51.469  | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 1498079  | 48.951  | ng    | 97       |
| 77) Benzidine                 | 12.680 | 184  | 344770   | 39.507  | ng    | 100      |
| 78) Pyrene                    | 12.792 | 202  | 1566054  | 43.365  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 599178   | 45.437  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1408327  | 48.937  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 268812   | 31.089  | ng    | 100      |
| 83) Chrysene                  | 14.015 | 228  | 1304126  | 50.269  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 784583   | 45.868  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1438970  | 58.123  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 1027839  | 45.420  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 1371362  | 54.742  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 1016700  | 51.781  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 1074930  | 55.282  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 826019   | 45.029  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.356 | 276  | 763628   | 40.136  | ng    | 97       |

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

