

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053024\  
 Data File : BF138079.D  
 Acq On : 30 May 2024 16:52  
 Operator : CG\JU  
 Sample : P2646-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TPSMSD

Quant Time: May 30 17:56:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 04:12:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.034  | 152  | 91445    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.322  | 136  | 363747   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.086 | 164  | 210365   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.580 | 188  | 361500   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.233 | 240  | 174977   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.798 | 264  | 208736   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.669  | 112  | 570497   | 105.973 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.663  | 99   | 711053   | 107.224 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.598  | 82   | 433782   | 70.181  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.880 | 330  | 265438   | 125.141 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.392  | 172  | 824838   | 60.398  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.163 | 244  | 810343   | 68.254  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.975  | 88   | 79857    | 34.242  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.704  | 42   | 94444    | 40.912  | ng    | 97       |
| 6) Aniline                    | 6.763  | 93   | 226587   | 38.201  | ng    | # 55     |
| 8) 2-Chlorophenol             | 6.828  | 128  | 275413   | 47.274  | ng    | 97       |
| 9) Benzaldehyde               | 6.587  | 77   | 16814    | 4.686   | ng    | 100      |
| 10) Phenol                    | 6.681  | 94   | 301373   | 45.024  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.763  | 93   | 226587   | 44.088  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.975  | 146  | 289891   | 43.007  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.051  | 146  | 295414   | 43.662  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.204  | 146  | 283812   | 44.569  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.187  | 79   | 13551    | 3.060   | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.298  | 45   | 254789   | 40.331  | ng    | 81       |
| 17) 2-Methylphenol            | 7.287  | 107  | 204651   | 44.048  | ng    | 94       |
| 18) Hexachloroethane          | 7.545  | 117  | 100514   | 43.901  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 169107   | 45.389  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.445  | 107  | 246853   | 40.556  | ng    | # 54     |
| 22) Acetophenone              | 7.439  | 105  | 363135   | 44.564  | ng    | # 93     |
| 24) Nitrobenzene              | 7.622  | 77   | 263372   | 42.003  | ng    | 97       |
| 25) Isophorone                | 7.857  | 82   | 475387   | 44.316  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.934  | 139  | 154579   | 49.063  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.969  | 122  | 165431   | 40.783  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 8.057  | 93   | 284905   | 43.821  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.187  | 162  | 239095   | 46.874  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.257  | 180  | 250773   | 44.032  | ng    | 100      |
| 31) Naphthalene               | 8.345  | 128  | 817308   | 44.688  | ng    | 100      |
| 32) Benzoic acid              | 8.075  | 122  | 56697    | 16.535  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.610  | 127  | 105509m  | 17.598  | ng    |          |
| 34) Hexachlorobutadiene       | 8.451  | 225  | 157861   | 43.792  | ng    | 99       |
| 35) Caprolactam               | 8.781  | 113  | 75027m   | 50.769  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.881  | 107  | 181579   | 34.994  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 9.034  | 142  | 545438   | 46.395  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.133  | 142  | 504152   | 43.621  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.198  | 216  | 269817   | 47.179  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.181  | 237  | 205389   | 94.515  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.316  | 196  | 172760   | 46.072  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.369  | 196  | 182022   | 44.364  | ng    | 96       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.498  | 154  | 683415   | 46.318 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.528  | 162  | 525544   | 44.620 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.628  | 65   | 137262   | 45.510 | ng    | 93       |
| 49) Acenaphthylene            | 9.945  | 152  | 845958   | 49.952 | ng    | 99       |
| 50) Dimethylphthalate         | 9.798  | 163  | 651330   | 49.375 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.863  | 165  | 142617   | 47.105 | ng    | 99       |
| 52) Acenaphthene              | 10.116 | 154  | 582966m  | 52.081 | ng    |          |
| 53) 3-Nitroaniline            | 10.063 | 138  | 99963    | 33.773 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 10.145 | 184  | 164838   | 98.968 | ng    | 89       |
| 55) Dibenzofuran              | 10.292 | 168  | 772388   | 47.414 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.204 | 139  | 118869   | 55.916 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.269 | 165  | 195255   | 49.886 | ng    | 92       |
| 58) Fluorene                  | 10.639 | 166  | 615937   | 47.803 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.410 | 232  | 145131   | 45.027 | ng    | 97       |
| 60) Diethylphthalate          | 10.498 | 149  | 603738   | 49.004 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.622 | 204  | 306106   | 48.174 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.663 | 138  | 93270    | 33.224 | ng    | 97       |
| 63) Azobenzene                | 10.786 | 77   | 517491   | 46.179 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.680 | 198  | 118619   | 56.828 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.745 | 169  | 516657   | 46.604 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.116 | 248  | 192194   | 48.496 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.186 | 284  | 213872   | 48.821 | ng    | 98       |
| 69) Atrazine                  | 11.280 | 200  | 127666   | 42.172 | ng    | 98       |
| 70) Pentachlorophenol         | 11.380 | 266  | 214914   | 83.752 | ng    | 98       |
| 71) Phenanthrene              | 11.604 | 178  | 869843   | 48.828 | ng    | 99       |
| 72) Anthracene                | 11.657 | 178  | 856694   | 48.469 | ng    | 100      |
| 73) Carbazole                 | 11.810 | 167  | 688506   | 42.642 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.127 | 149  | 879605   | 49.089 | ng    | 100      |
| 75) Fluoranthene              | 12.798 | 202  | 783052   | 43.306 | ng    | 100      |
| 77) Benzidine                 | 12.951 | 184  | 53646    | 23.459 | ng    | 97       |
| 78) Pyrene                    | 13.033 | 202  | 762847   | 49.846 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.633 | 149  | 239844   | 51.957 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.221 | 228  | 533916   | 48.230 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.180 | 252  | 136974   | 44.648 | ng    | 99       |
| 83) Chrysene                  | 14.257 | 228  | 510876   | 48.254 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.186 | 149  | 268408   | 46.255 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.810 | 149  | 471365   | 60.129 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.433 | 276  | 625067   | 46.610 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.327 | 252  | 534114   | 44.193 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.357 | 252  | 537026   | 45.230 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.733 | 252  | 514329   | 49.837 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.451 | 278  | 493830   | 44.569 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.933 | 276  | 475076   | 40.815 | ng    | 97       |

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

