

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042825\  
 Data File : BP024437.D  
 Acq On : 28 Apr 2025 14:56  
 Operator : RC/JU  
 Sample : PB167739BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167739BS

Quant Time: Apr 28 15:27:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 174066   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.493 | 136  | 694511   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.345 | 164  | 444446   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.139 | 188  | 859977   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.586 | 240  | 928094   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.939 | 264  | 1073951  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 1385803  | 131.638 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.910  | 99   | 1723371  | 119.554 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.869  | 82   | 1042202  | 85.568  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 959434   | 156.027 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.957 | 172  | 2560379  | 88.205  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.857 | 244  | 4211414  | 91.464  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.287  | 88   | 152092   | 34.156  | ng    | # 95     |
| 3) Pyridine                   | 3.675  | 79   | 394560   | 33.556  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 181716   | 46.567  | ng    | 80       |
| 6) Aniline                    | 7.058  | 93   | 480684   | 37.317  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.293  | 128  | 558928   | 47.553  | ng    | 98       |
| 9) Benzaldehyde               | 6.869  | 77   | 238720   | 33.478  | ng    | 95       |
| 10) Phenol                    | 6.934  | 94   | 649493   | 44.915  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.146  | 93   | 462068   | 39.660  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.610  | 146  | 560813   | 44.320  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.752  | 146  | 571410   | 44.507  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.069  | 146  | 552795   | 44.590  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.963  | 79   | 452478   | 48.538  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.234  | 45   | 514872   | 40.884  | ng    | 99       |
| 17) 2-Methylphenol            | 8.163  | 107  | 459297   | 49.099  | ng    | 98       |
| 18) Hexachloroethane          | 8.787  | 117  | 210941   | 45.463  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.516  | 70   | 355195   | 39.829  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.487  | 107  | 619514   | 47.729  | ng    | 98       |
| 22) Acetophenone              | 8.534  | 105  | 763416   | 44.412  | ng    | # 98     |
| 24) Nitrobenzene              | 8.910  | 77   | 539657   | 44.789  | ng    | 97       |
| 25) Isophorone                | 9.428  | 82   | 1020271  | 46.278  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.610  | 139  | 298491   | 50.622  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.675  | 122  | 515081   | 69.570  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.904  | 93   | 635066   | 42.641  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.151 | 162  | 517127   | 51.226  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.357 | 180  | 519164   | 48.000  | ng    | 99       |
| 31) Naphthalene               | 10.546 | 128  | 1597232  | 43.659  | ng    | 99       |
| 32) Benzoic acid              | 9.846  | 122  | 408962m  | 47.405  | ng    |          |
| 33) 4-Chloroaniline           | 10.657 | 127  | 268388   | 20.832  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.822 | 225  | 329337   | 51.817  | ng    | 99       |
| 35) Caprolactam               | 11.451 | 113  | 176783   | 47.460  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 584728   | 49.729  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.151 | 142  | 1036329  | 40.846  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.375 | 142  | 1084532  | 43.695  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 588606   | 48.158  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.504 | 237  | 832826   | 192.663 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.769 | 196  | 428405   | 52.720  | ng    | 98       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.845 | 196  | 468944   | 52.113  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.169 | 154  | 1469602  | 44.984  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.210 | 162  | 1132954  | 46.401  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.422 | 65   | 347092   | 50.678  | ng    | 98       |
| 49) Acenaphthylene            | 14.063 | 152  | 1918773  | 49.914  | ng    | 100      |
| 50) Dimethylphthalate         | 13.804 | 163  | 1506581  | 46.613  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.922 | 165  | 334644   | 48.758  | ng    | 97       |
| 52) Acenaphthene              | 14.416 | 154  | 1086133  | 44.567  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.257 | 138  | 202661   | 28.095  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 459810   | 113.736 | ng    | 91       |
| 55) Dibenzofuran              | 14.751 | 168  | 1747946  | 43.878  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.587 | 139  | 644986   | 103.531 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 490551   | 52.396  | ng    | 99       |
| 58) Fluorene                  | 15.410 | 166  | 1437836  | 46.625  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.986 | 232  | 420875   | 50.711  | ng    | 99       |
| 60) Diethylphthalate          | 15.186 | 149  | 1546126  | 46.420  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 717576   | 47.918  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.439 | 138  | 363183   | 47.561  | ng    | 91       |
| 63) Azobenzene                | 15.704 | 77   | 1261136  | 41.196  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 288267   | 53.168  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.628 | 169  | 1237554  | 48.213  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.310 | 248  | 483154   | 51.370  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.433 | 284  | 589527   | 52.748  | ng    | 97       |
| 69) Atrazine                  | 16.598 | 200  | 466713   | 71.390  | ng    | 99       |
| 70) Pentachlorophenol         | 16.786 | 266  | 828355   | 106.242 | ng    | 99       |
| 71) Phenanthrene              | 17.180 | 178  | 2168592  | 46.225  | ng    | 99       |
| 72) Anthracene                | 17.275 | 178  | 2269276  | 50.188  | ng    | 100      |
| 73) Carbazole                 | 17.557 | 167  | 2120449  | 47.996  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.139 | 149  | 2646737  | 48.086  | ng    | 100      |
| 75) Fluoranthene              | 19.263 | 202  | 2606233  | 46.710  | ng    | 97       |
| 77) Benzidine                 | 19.463 | 184  | 1217558  | 103.495 | ng    | 99       |
| 78) Pyrene                    | 19.639 | 202  | 2723599  | 46.177  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 1254680  | 49.664  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.569 | 228  | 2805394  | 48.632  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.486 | 252  | 659391   | 32.567  | ng    | 100      |
| 83) Chrysene                  | 21.633 | 228  | 2570431  | 46.510  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.504 | 149  | 1820428  | 49.155  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.780 | 149  | 3062147  | 50.860  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.756 | 276  | 3671832  | 49.248  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.880 | 252  | 2999846  | 46.601  | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.951 | 252  | 2965742m | 47.695  | ng    |          |
| 90) Benzo(a)pyrene            | 24.774 | 252  | 2834520  | 51.046  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 28.809 | 278  | 3026043  | 48.897  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.909 | 276  | 2939912  | 46.672  | ng    | # 95     |

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

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