

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031825\  
 Data File : BP024182.D  
 Acq On : 18 Mar 2025 11:48  
 Operator : RC/JU  
 Sample : PB167171BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167171BS

Quant Time: Mar 18 12:35:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 05:55:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 336256   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.546 | 136  | 1366720  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.404 | 164  | 842343   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1608205  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.657 | 240  | 1705744  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.051 | 264  | 1768980  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 2239768  | 106.327 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.952  | 99   | 2889504  | 102.576 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.922  | 82   | 2460728  | 101.584 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.922 | 330  | 1105833  | 104.222 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 5657411  | 99.033  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.922 | 244  | 8591304  | 103.969 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.323  | 88   | 367764   | 44.044  | ng    | 99       |
| 3) Pyridine                   | 3.717  | 79   | 886489   | 38.835  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.623  | 42   | 348591   | 45.716  | ng    | 98       |
| 6) Aniline                    | 7.105  | 93   | 1117176  | 43.529  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.340  | 128  | 1119766  | 49.213  | ng    | 100      |
| 9) Benzaldehyde               | 6.922  | 77   | 284779   | 20.949  | ng    | 97       |
| 10) Phenol                    | 6.981  | 94   | 1443988  | 50.778  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.199  | 93   | 1050206  | 46.831  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.658  | 146  | 1137783  | 46.371  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.805  | 146  | 1157565  | 46.205  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.122  | 146  | 1118189  | 46.511  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.011  | 79   | 902343   | 50.597  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 1112846  | 48.622  | ng    | 98       |
| 17) 2-Methylphenol            | 8.216  | 107  | 931886   | 52.259  | ng    | 99       |
| 18) Hexachloroethane          | 8.840  | 117  | 415668   | 46.766  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 778394   | 47.631  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.540  | 107  | 1270966  | 51.878  | ng    | 98       |
| 22) Acetophenone              | 8.581  | 105  | 1767983  | 51.166  | ng    | 100      |
| 24) Nitrobenzene              | 8.963  | 77   | 1140344  | 47.720  | ng    | 99       |
| 25) Isophorone                | 9.481  | 82   | 2116347  | 50.967  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.669  | 139  | 557597   | 48.850  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.728  | 122  | 958746   | 65.320  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.963  | 93   | 1397511  | 47.841  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.199 | 162  | 1013236  | 51.031  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.410 | 180  | 1003790  | 45.758  | ng    | 99       |
| 31) Naphthalene               | 10.599 | 128  | 3278998  | 45.260  | ng    | 100      |
| 32) Benzoic acid              | 9.881  | 122  | 801484   | 55.991  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.710 | 127  | 725075   | 27.966  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.887 | 225  | 582714   | 46.155  | ng    | 99       |
| 35) Caprolactam               | 11.499 | 113  | 380311   | 58.443  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.840 | 107  | 1086557  | 50.727  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.210 | 142  | 2199107  | 44.931  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.428 | 142  | 2162348  | 45.423  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.581 | 216  | 1247209  | 51.221  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.563 | 237  | 1531261  | 174.459 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.828 | 196  | 784882   | 50.720  | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 12.904 | 196  | 863959   | 50.909  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.228 | 154  | 3248502  | 51.321  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.269 | 162  | 2241425  | 47.078  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.475 | 65   | 639752   | 52.535  | ng    | 98       |
| 49) Acenaphthylene            | 14.122 | 152  | 3686747  | 51.176  | ng    | 99       |
| 50) Dimethylphthalate         | 13.857 | 163  | 2857415  | 48.480  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.975 | 165  | 620806   | 50.060  | ng    | 98       |
| 52) Acenaphthene              | 14.469 | 154  | 2175211  | 47.258  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.310 | 138  | 407380   | 30.415  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.516 | 184  | 838682   | 127.811 | ng    | 96       |
| 55) Dibenzofuran              | 14.810 | 168  | 3420060  | 45.871  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.640 | 139  | 1310189  | 117.066 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.775 | 165  | 873666   | 53.334  | ng    | 98       |
| 58) Fluorene                  | 15.463 | 166  | 2814312  | 48.446  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232  | 747197   | 49.834  | ng    | 99       |
| 60) Diethylphthalate          | 15.240 | 149  | 2837973  | 48.352  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204  | 1366572  | 47.963  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.487 | 138  | 689313   | 49.068  | ng    | 99       |
| 63) Azobenzene                | 15.763 | 77   | 2690454  | 48.633  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198  | 492199   | 51.554  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.687 | 169  | 2425582  | 49.668  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 858874   | 48.643  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.492 | 284  | 1014465  | 48.543  | ng    | 97       |
| 69) Atrazine                  | 16.663 | 200  | 935704   | 79.382  | ng    | 98       |
| 70) Pentachlorophenol         | 16.851 | 266  | 1464057  | 108.331 | ng    | 99       |
| 71) Phenanthrene              | 17.251 | 178  | 4220737  | 48.042  | ng    | 100      |
| 72) Anthracene                | 17.339 | 178  | 4340500  | 50.726  | ng    | 100      |
| 73) Carbazole                 | 17.622 | 167  | 4111261  | 49.822  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.216 | 149  | 4806920  | 49.070  | ng    | 100      |
| 75) Fluoranthene              | 19.333 | 202  | 4904746  | 48.203  | ng    | 100      |
| 77) Benzidine                 | 19.528 | 184  | 1966066  | 105.421 | ng    | 100      |
| 78) Pyrene                    | 19.710 | 202  | 5187079  | 48.914  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.657 | 149  | 2174384  | 49.722  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.639 | 228  | 5141996  | 48.486  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.551 | 252  | 1331069  | 37.449  | ng    | 99       |
| 83) Chrysene                  | 21.698 | 228  | 4836892  | 47.444  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.575 | 149  | 3236314  | 49.045  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.874 | 149  | 5196175  | 49.149  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.909 | 276  | 6054359m | 49.039  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.974 | 252  | 5195002  | 48.707  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.045 | 252  | 5171208  | 49.565  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.880 | 252  | 4874580  | 52.558  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.992 | 278  | 5022005  | 48.893  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.103 | 276  | 4725360  | 45.257  | ng    | 99       |

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

