

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041525\  
 Data File : BP024299.D  
 Acq On : 15 Apr 2025 18:10  
 Operator : RC/JU  
 Sample : Q1787-12MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

Quant Time: Apr 15 18:40:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 15 04:48:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.734  | 152  | 259808   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.510 | 136  | 990490   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.363 | 164  | 544881   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 990797   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.627 | 240  | 1084738  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.986 | 264  | 1266831  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 1949232  | 124.052 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.916  | 99   | 2210570  | 102.743 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.881  | 82   | 1656996  | 95.391  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.886 | 330  | 941827   | 124.932 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.969 | 172  | 3155566  | 88.671  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.910 | 244  | 4793355  | 89.069  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.311  | 88   | 263043   | 39.577  | ng    | # 78     |
| 3) Pyridine                   | 3.705  | 79   | 586526   | 33.420  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.605  | 42   | 251532   | 43.185  | ng    | 93       |
| 6) Aniline                    | 7.069  | 93   | 705587   | 36.700  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.305  | 128  | 721666   | 41.136  | ng    | 97       |
| 9) Benzaldehyde               | 6.881  | 77   | 316651   | 29.752  | ng    | 97       |
| 10) Phenol                    | 6.946  | 94   | 786092   | 36.421  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.163  | 93   | 699361   | 40.217  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.622  | 146  | 758500   | 40.160  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.769  | 146  | 768117   | 40.084  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 741903   | 40.094  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.975  | 79   | 608927   | 43.763  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.252  | 45   | 806776   | 42.921  | ng    | 100      |
| 17) 2-Methylphenol            | 8.175  | 107  | 592412   | 42.429  | ng    | 98       |
| 18) Hexachloroethane          | 8.805  | 117  | 289297   | 41.774  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.534  | 70   | 529070   | 39.747  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.499  | 107  | 789344   | 40.744  | ng    | 99       |
| 22) Acetophenone              | 8.546  | 105  | 1066007  | 43.483  | ng    | # 98     |
| 24) Nitrobenzene              | 8.922  | 77   | 794679   | 46.246  | ng    | 97       |
| 25) Isophorone                | 9.446  | 82   | 1457863  | 46.367  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.628  | 139  | 368809   | 43.857  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.687  | 122  | 662153   | 62.710  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.922  | 93   | 911362   | 42.907  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.163 | 162  | 622401   | 43.231  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.369 | 180  | 665853   | 43.166  | ng    | 100      |
| 31) Naphthalene               | 10.557 | 128  | 2152241  | 41.250  | ng    | 100      |
| 32) Benzoic acid              | 9.828  | 122  | 358757m  | 29.159  | ng    |          |
| 33) 4-Chloroaniline           | 10.663 | 127  | 438717   | 23.877  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.840 | 225  | 396300   | 43.720  | ng    | 99       |
| 35) Caprolactam               | 11.451 | 113  | 163748   | 30.824  | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 680639   | 40.588  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.169 | 142  | 1335986  | 36.921  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.381 | 142  | 1401811  | 39.601  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.534 | 216  | 716863   | 47.841  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.516 | 237  | 1028887  | 194.146 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.781 | 196  | 468676   | 47.045  | ng    | 96       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 506852   | 45.944 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.181 | 154  | 1848476  | 46.152 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.222 | 162  | 1403661  | 46.892 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.428 | 65   | 425898   | 50.723 | ng    | 95       |
| 49) Acenaphthylene            | 14.081 | 152  | 2305418  | 48.917 | ng    | 99       |
| 50) Dimethylphthalate         | 13.822 | 163  | 1760562  | 44.431 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.934 | 165  | 374079   | 44.458 | ng    | 91       |
| 52) Acenaphthene              | 14.428 | 154  | 1319835  | 44.174 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.269 | 138  | 233803   | 26.438 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.481 | 184  | 393698   | 79.433 | ng    | 97       |
| 55) Dibenzofuran              | 14.769 | 168  | 2068250  | 42.349 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.598 | 139  | 639809   | 83.770 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.734 | 165  | 530775   | 46.243 | ng    | 98       |
| 58) Fluorene                  | 15.434 | 166  | 1672899  | 44.248 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 432998   | 42.555 | ng    | 97       |
| 60) Diethylphthalate          | 15.210 | 149  | 1760423  | 43.112 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.428 | 204  | 805068   | 43.851 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.457 | 138  | 392799   | 41.957 | ng    | 92       |
| 63) Azobenzene                | 15.728 | 77   | 1722680  | 45.900 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 198  | 280113   | 44.842 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.651 | 169  | 1438674  | 48.648 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.345 | 248  | 514816   | 47.509 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.463 | 284  | 602356   | 46.780 | ng    | 95       |
| 69) Atrazine                  | 16.634 | 200  | 484674   | 64.349 | ng    | 99       |
| 70) Pentachlorophenol         | 16.828 | 266  | 848105   | 94.413 | ng    | 99       |
| 71) Phenanthrene              | 17.228 | 178  | 2553284  | 47.239 | ng    | 100      |
| 72) Anthracene                | 17.316 | 178  | 2566445  | 49.266 | ng    | 100      |
| 73) Carbazole                 | 17.598 | 167  | 2451328  | 48.160 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.198 | 149  | 3098956  | 48.868 | ng    | 100      |
| 75) Fluoranthene              | 19.310 | 202  | 2968168  | 46.173 | ng    | 100      |
| 77) Benzidine                 | 19.498 | 184  | 756224   | 54.998 | ng    | 99       |
| 78) Pyrene                    | 19.686 | 202  | 3098567  | 44.948 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.639 | 149  | 1473781  | 49.913 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.610 | 228  | 3217974  | 47.728 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 888986   | 37.566 | ng    | 99       |
| 83) Chrysene                  | 21.674 | 228  | 3015605  | 46.685 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.551 | 149  | 2186401  | 50.511 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.845 | 149  | 3695270  | 52.512 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.821 | 276  | 4629717m | 52.641 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.945 | 252  | 3572357  | 47.045 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.010 | 252  | 3517866  | 47.961 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.845 | 252  | 3401123  | 51.925 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.915 | 278  | 3798677  | 52.037 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.015 | 276  | 3722267  | 50.095 | ng    | 99       |

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

