

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050125\  
 Data File : BP024492.D  
 Acq On : 01 May 2025 14:46  
 Operator : RC/JU  
 Sample : Q1912-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-F

Quant Time: May 01 15:43:57 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     | 7.710  | 152  | 151214   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.487 | 136  | 569442   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.339 | 164  | 338899   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.145 | 188  | 636681   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.598 | 240  | 773181   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.951 | 264  | 944457   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 1107882  | 121.142 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.905  | 99   | 1315935  | 105.085 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.863  | 82   | 856482   | 85.764  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.863 | 330  | 715418   | 152.579 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 1928194  | 87.114  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.874 | 244  | 3156455  | 82.287  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 135      | 0.035   | ng    | # 27     |
| 3) Pyridine                   | 3.669  | 79   | 336      | 0.033   | ng    | # 1      |
| 4) n-Nitrosodimethylamine     | 3.593  | 42   | 254      | 0.075   | ng    | # 1      |
| 6) Aniline                    | 7.040  | 93   | 240      | 0.021   | ng    | # 27     |
| 8) 2-Chlorophenol             | 7.316  | 128  | 66       | 0.006   | ng    | # 89     |
| 9) Benzaldehyde               | 6.905  | 77   | 2596     | 0.419   | ng    | # 5      |
| 10) Phenol                    | 6.928  | 94   | 333      | 0.027   | ng    | # 1      |
| 11) bis(2-Chloroethyl)ether   | 7.146  | 93   | 51       | 0.005   | ng    | # 51     |
| 12) 1,3-Dichlorobenzene       | 7.587  | 146  | 14       | 0.001   | ng    | # 1      |
| 13) 1,4-Dichlorobenzene       | 7.752  | 146  | 11       | 0.001   | ng    | # 1      |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 21       | 0.002   | ng    | # 8      |
| 15) Benzyl Alcohol            | 7.957  | 79   | 325      | 0.040   | ng    | # 54     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.240  | 45   | 38       | 0.003   | ng    | # 87     |
| 17) 2-Methylphenol            | 8.169  | 107  | 91       | 0.011   | ng    | # 17     |
| 18) Hexachloroethane          | 8.757  | 117  | 143      | 0.035   | ng    | # 44     |
| 19) n-Nitroso-di-n-propyla... | 8.516  | 70   | 228      | 0.029   | ng    | # 1      |
| 20) 3+4-Methylphenols         | 8.451  | 107  | 328      | 0.029   | ng    | # 1      |
| 22) Acetophenone              | 8.528  | 105  | 1296     | 0.092   | ng    | # 72     |
| 24) Nitrobenzene              | 8.857  | 77   | 3041     | 0.308   | ng    | # 43     |
| 25) Isophorone                | 9.416  | 82   | 91       | 0.005   | ng    | # 50     |
| 26) 2-Nitrophenol             | 9.634  | 139  | 92       | 0.019   | ng    | # 4      |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 17       | 0.003   | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 9.893  | 93   | 151      | 0.012   | ng    | # 1      |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 30       | 0.004   | ng    | # 1      |
| 30) 1,2,4-Trichlorobenzene    | 10.363 | 180  | 30       | 0.003   | ng    | # 35     |
| 31) Naphthalene               | 10.528 | 128  | 3650     | 0.122   | ng    | # 84     |
| 32) Benzoic acid              | 9.840  | 122  | 189      | 0.027   | ng    | # 51     |
| 33) 4-Chloroaniline           | 10.663 | 127  | 131      | 0.012   | ng    | # 1      |
| 34) Hexachlorobutadiene       | 10.557 | 225  | 15       | 0.003   | ng    | # 91     |
| 35) Caprolactam               | 11.434 | 113  | 59       | 0.019   | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 11.810 | 107  | 533      | 0.055   | ng    | # 68     |
| 37) 2-Methylnaphthalene       | 12.151 | 142  | 3045     | 0.146   | ng    | # 86     |
| 38) 1-Methylnaphthalene       | 12.369 | 142  | 4332     | 0.213   | ng    | # 86     |
| 40) 1,2,4,5-Tetrachloroben... | 12.504 | 216  | 16       | 0.002   | ng    | # 73     |
| 41) Hexachlorocyclopentadiene | 12.363 | 237  | 21       | 0.006   | ng    | # 93     |
| 43) 2,4,6-Trichlorophenol     | 12.557 | 196  | 19       | 0.003   | ng    | # 90     |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.845 | 196  | 31       | 0.005  | ng    | # 1      |
| 46) 1,1'-Biphenyl             | 13.169 | 154  | 303      | 0.012  | ng    | # 2      |
| 47) 2-Chloronaphthalene       | 13.216 | 162  | 35       | 0.002  | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.416 | 65   | 125      | 0.024  | ng    | # 32     |
| 49) Acenaphthylene            | 14.057 | 152  | 389      | 0.013  | ng    | # 84     |
| 50) Dimethylphthalate         | 13.792 | 163  | 4808     | 0.195  | ng    | # 87     |
| 51) 2,6-Dinitrotoluene        | 14.122 | 165  | 173      | 0.033  | ng    | 95       |
| 52) Acenaphthene              | 14.410 | 154  | 1839     | 0.099  | ng    | # 90     |
| 53) 3-Nitroaniline            | 14.257 | 138  | 22       | 0.004  | ng    | # 20     |
| 54) 2,4-Dinitrophenol         | 14.457 | 184  | 50       | 0.016  | ng    | # 1      |
| 55) Dibenzofuran              | 14.751 | 168  | 989      | 0.033  | ng    | # 79     |
| 56) 4-Nitrophenol             | 14.751 | 139  | 625      | 0.132  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 369      | 0.052  | ng    | # 66     |
| 58) Fluorene                  | 15.404 | 166  | 2095     | 0.089  | ng    | # 97     |
| 59) 2,3,4,6-Tetrachlorophenol | 14.986 | 232  | 7        | 0.001  | ng    | # 1      |
| 60) Diethylphthalate          | 15.175 | 149  | 1256934  | 49.490 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 25       | 0.002  | ng    | # 36     |
| 62) 4-Nitroaniline            | 15.433 | 138  | 20       | 0.003  | ng    | # 1      |
| 63) Azobenzene                | 15.733 | 77   | 1730     | 0.074  | ng    | # 9      |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 20       | 0.005  | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 15.857 | 169  | 18722    | 0.985  | ng    | # 47     |
| 67) 4-Bromophenyl-phenylether | 16.310 | 248  | 14       | 0.002  | ng    | # 1      |
| 68) Hexachlorobenzene         | 16.345 | 284  | 34       | 0.004  | ng    | 92       |
| 69) Atrazine                  | 16.810 | 200  | 40       | 0.008  | ng    | 96       |
| 70) Pentachlorophenol         | 16.816 | 266  | 627      | 0.109  | ng    | # 78     |
| 71) Phenanthrene              | 17.186 | 178  | 9020     | 0.260  | ng    | # 93     |
| 72) Anthracene                | 17.280 | 178  | 949      | 0.028  | ng    | # 20     |
| 73) Carbazole                 | 17.580 | 167  | 1914     | 0.059  | ng    | # 90     |
| 74) Di-n-butylphthalate       | 18.157 | 149  | 325703   | 7.993  | ng    | 99       |
| 75) Fluoranthene              | 19.280 | 202  | 2157     | 0.052  | ng    | 96       |
| 77) Benzidine                 | 19.474 | 184  | 56       | 0.006  | ng    | # 1      |
| 78) Pyrene                    | 19.657 | 202  | 2726     | 0.055  | ng    | # 86     |
| 80) Butylbenzylphthalate      | 20.610 | 149  | 2639     | 0.125  | ng    | # 68     |
| 81) Benzo(a)anthracene        | 21.592 | 228  | 2496     | 0.052  | ng    | # 70     |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 209      | 0.012  | ng    | # 44     |
| 83) Chrysene                  | 21.698 | 228  | 88       | 0.002  | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149  | 51185    | 1.659  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.780 | 149  | 568      | 0.011  | ng    | # 81     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.750 | 276  | 98       | 0.001  | ng    | # 1      |
| 88) Benzo(b)fluoranthene      | 23.904 | 252  | 306      | 0.005  | ng    | # 1      |
| 89) Benzo(k)fluoranthene      | 23.933 | 252  | 78       | 0.001  | ng    | # 1      |
| 90) Benzo(a)pyrene            | 24.804 | 252  | 165      | 0.003  | ng    | # 1      |
| 91) Dibenzo(a,h)anthracene    | 28.833 | 278  | 62       | 0.001  | ng    | # 1      |
| 92) Benzo(g,h,i)perylene      | 29.927 | 276  | 169      | 0.003  | ng    | # 9      |

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

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