

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122821\  
 Data File : BP008588.D  
 Acq On : 28 Dec 2021 21:08  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP122821

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021  
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 08:46:55 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 08:44:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.899  | 152  | 504577   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.698 | 136  | 2115609  | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.528 | 164  | 1525956  | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.275 | 188  | 3353455  | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 21.357 | 240  | 3445037  | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 23.780 | 264  | 3363163  | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 2244486  | 81.193 | ng     | 0.00     |
| 7) Phenol-d6                  | 7.057  | 99   | 3163837  | 82.225 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 9.051  | 82   | 2943281  | 82.762 | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.016 | 330  | 1798466  | 87.111 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 8637772  | 82.011 | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 13202315 | 78.247 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.375  | 88   | 429210   | 38.433 | ng     | 100      |
| 3) Pyridine                   | 3.769  | 79   | 1232566  | 40.461 | ng     | 100      |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 392185   | 39.870 | ng     | 98       |
| 6) Aniline                    | 7.222  | 93   | 1819046  | 40.675 | ng     | 100      |
| 8) 2-Chlorophenol             | 7.457  | 128  | 1332925  | 40.933 | ng     | 99       |
| 9) Benzaldehyde               | 7.028  | 77   | 943066   | 43.063 | ng     | 99       |
| 10) Phenol                    | 7.087  | 94   | 1584960  | 40.802 | ng     | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.316  | 93   | 1277360  | 40.773 | ng     | 99       |
| 12) 1,3-Dichlorobenzene       | 7.787  | 146  | 1534325  | 40.253 | ng     | 99       |
| 13) 1,4-Dichlorobenzene       | 7.934  | 146  | 1562425  | 40.299 | ng     | 99       |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 1518612  | 40.093 | ng     | 99       |
| 15) Benzyl Alcohol            | 8.134  | 79   | 1146055  | 41.583 | ng     | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 1418442  | 39.789 | ng     | 99       |
| 17) 2-Methylphenol            | 8.334  | 107  | 1118746  | 41.387 | ng     | 98       |
| 18) Hexachloroethane          | 8.981  | 117  | 511720   | 40.483 | ng     | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.710  | 70   | 1005712  | 40.930 | ng     | 99       |
| 20) 3+4-Methylphenols         | 8.663  | 107  | 1586595  | 41.779 | ng     | 97       |
| 22) Acetophenone              | 8.716  | 105  | 2059335  | 40.593 | ng     | 99       |
| 24) Nitrobenzene              | 9.093  | 77   | 1389438  | 41.022 | ng     | 99       |
| 25) Isophorone                | 9.628  | 82   | 2736487  | 41.190 | ng     | 99       |
| 26) 2-Nitrophenol             | 9.810  | 139  | 709603   | 44.111 | ng     | 99       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 1197479  | 41.252 | ng     | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.110 | 93   | 1850869  | 40.240 | ng     | 100      |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 1479759  | 42.119 | ng     | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.563 | 180  | 1680411  | 40.562 | ng     | 99       |
| 31) Naphthalene               | 10.751 | 128  | 4444725  | 40.477 | ng     | 100      |
| 32) Benzoic acid              | 10.004 | 122  | 798175   | 43.534 | ng     | 98       |
| 33) 4-Chloroaniline           | 10.851 | 127  | 1925741  | 40.898 | ng     | 99       |
| 34) Hexachlorobutadiene       | 11.045 | 225  | 1024518  | 40.735 | ng     | 99       |
| 35) Caprolactam               | 11.634 | 113  | 495855   | 42.939 | ng     | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.981 | 107  | 1463650  | 41.677 | ng     | 98       |
| 37) 2-Methylnaphthalene       | 12.357 | 142  | 3373207  | 40.811 | ng     | 100      |
| 38) 1-Methylnaphthalene       | 12.575 | 142  | 3267458  | 40.433 | ng     | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216  | 1965051  | 40.876 | ng     | 100      |
| 41) Hexachlorocyclopentadiene | 12.716 | 237  | 1052384  | 41.167 | ng     | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 1328700  | 42.480 | ng     | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.034 | 196  | 1449958  | 41.985 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.363 | 154  | 4558855  | 40.391 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.404 | 162  | 3585284  | 40.532 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.598 | 65   | 838791   | 43.257 | ng    | 99       |
| 49) Acenaphthylene            | 14.251 | 152  | 5564006  | 40.950 | ng    | 100      |
| 50) Dimethylphthalate         | 13.986 | 163  | 4779394  | 40.665 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.098 | 165  | 1022031  | 42.378 | ng    | 97       |
| 52) Acenaphthene              | 14.592 | 154  | 3610830  | 40.617 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.422 | 138  | 1074412  | 42.804 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.628 | 184  | 468776   | 43.641 | ng    | 99       |
| 55) Dibenzofuran              | 14.928 | 168  | 5746922  | 40.325 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.728 | 139  | 869255   | 43.977 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.886 | 165  | 1394871  | 43.347 | ng    | 99       |
| 58) Fluorene                  | 15.575 | 166  | 4517767  | 40.680 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 1311777m | 42.398 | ng    |          |
| 60) Diethylphthalate          | 15.357 | 149  | 4710408  | 41.001 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.569 | 204  | 2526743  | 40.842 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.586 | 138  | 1088267  | 42.690 | ng    | 99       |
| 63) Azobenzene                | 15.863 | 77   | 3745419  | 40.394 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 748315   | 44.377 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.786 | 169  | 4138032  | 40.887 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.469 | 248  | 1534820  | 41.828 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 1825461  | 40.527 | ng    | 99       |
| 69) Atrazine                  | 16.739 | 200  | 1597979  | 42.210 | ng    | 98       |
| 70) Pentachlorophenol         | 16.927 | 266  | 1073352  | 43.751 | ng    | 99       |
| 71) Phenanthrene              | 17.322 | 178  | 7449949  | 41.206 | ng    | 99       |
| 72) Anthracene                | 17.410 | 178  | 7277119  | 41.309 | ng    | 100      |
| 73) Carbazole                 | 17.675 | 167  | 7184379  | 41.551 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.239 | 149  | 8264974  | 43.692 | ng    | 100      |
| 75) Fluoranthene              | 19.280 | 202  | 8962296  | 43.096 | ng    | 99       |
| 77) Benzidine                 | 19.457 | 184  | 4238935  | 40.956 | ng    | 99       |
| 78) Pyrene                    | 19.633 | 202  | 9179027  | 40.956 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.510 | 149  | 3800117  | 42.510 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.345 | 228  | 9208017  | 41.200 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.274 | 252  | 3530128  | 42.958 | ng    | 100      |
| 83) Chrysene                  | 21.398 | 228  | 8582924  | 41.070 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 5664880  | 41.951 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.210 | 149  | 9473557  | 45.323 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.315 | 276  | 9060012  | 40.105 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.045 | 252  | 8794590  | 40.662 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.092 | 252  | 8970014  | 41.719 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.674 | 252  | 7260386  | 41.640 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.333 | 278  | 7690531  | 40.354 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.086 | 276  | 7016354  | 39.373 | ng    | 99       |

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

