

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112122\  
 Data File : BP012687.D  
 Acq On : 21 Nov 2022 15:38  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022  
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 21 22:52:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 21 22:44:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.034  | 152  | 324693   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.857 | 136  | 1365888  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.675 | 164  | 925615   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.428 | 188  | 2097448  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.516 | 240  | 2320519  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.039 | 264  | 2395925  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 1951945  | 108.645 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.187  | 99   | 2808373  | 112.238 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.210  | 82   | 3053381  | 140.554 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.163 | 330  | 1384067  | 130.662 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.304 | 172  | 7725392  | 125.582 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.975 | 244  | 12295267 | 114.481 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.440  | 88   | 374520   | 51.906  | ng    | 100      |
| 3) Pyridine                   | 3.846  | 79   | 1254282m | 55.068  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.758  | 42   | 531310   | 54.623  | ng    | 96       |
| 6) Aniline                    | 7.358  | 93   | 1766814  | 56.052  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.599  | 128  | 1254895  | 56.566  | ng    | 98       |
| 9) Benzaldehyde               | 7.169  | 77   | 715046   | 49.001  | ng    | 99       |
| 10) Phenol                    | 7.216  | 94   | 1590893  | 56.437  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.458  | 93   | 1282395  | 57.110  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.928  | 146  | 1441431  | 58.547  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.075  | 146  | 1477318  | 58.847  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.393  | 146  | 1425114  | 59.153  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.275  | 79   | 1050265  | 56.337  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.575  | 45   | 1841852  | 58.134  | ng    | 99       |
| 17) 2-Methylphenol            | 8.475  | 107  | 1118553  | 57.223  | ng    | 99       |
| 18) Hexachloroethane          | 9.128  | 117  | 533781   | 63.627  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.852  | 70   | 987734   | 58.078  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.810  | 107  | 1567636  | 57.246  | ng    | 99       |
| 22) Acetophenone              | 8.863  | 105  | 2033806  | 59.651  | ng    | # 99     |
| 24) Nitrobenzene              | 9.252  | 77   | 1566672  | 66.786  | ng    | 98       |
| 25) Isophorone                | 9.775  | 82   | 2894618  | 59.235  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.963  | 139  | 616686   | 60.623  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.016 | 122  | 1080542  | 56.288  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.263 | 93   | 1688513  | 60.753  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.493 | 162  | 1397570  | 62.637  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.716 | 180  | 1551001  | 64.760  | ng    | 100      |
| 31) Naphthalene               | 10.910 | 128  | 4607637  | 61.361  | ng    | 100      |
| 32) Benzoic acid              | 10.169 | 122  | 670109   | 44.583  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.016 | 127  | 1853371  | 59.243  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.193 | 225  | 953309   | 67.373  | ng    | 99       |
| 35) Caprolactam               | 11.804 | 113  | 429732m  | 59.149  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.122 | 107  | 1427527  | 59.603  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.510 | 142  | 3336300  | 62.130  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.728 | 142  | 3273761  | 62.041  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.869 | 216  | 1819434  | 67.395  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.851 | 237  | 879296   | 85.634  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.104 | 196  | 1208182  | 62.860  | ng    | 99       |

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|-----------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol         | 13.175 | 196  | 1357847  | 63.853 | ng    | 97       |
| 46) 1,1'-Biphenyl                 | 13.510 | 154  | 4244352  | 61.320 | ng    | 100      |
| 47) 2-Chloronaphthalene           | 13.551 | 162  | 3434000  | 62.480 | ng    | 100      |
| 48) 2-Nitroaniline                | 13.751 | 65   | 888989   | 80.823 | ng    | 96       |
| 49) Acenaphthylene                | 14.398 | 152  | 5547516  | 61.845 | ng    | 99       |
| 50) Dimethylphthalate             | 14.134 | 163  | 4440312  | 60.903 | ng    | 100      |
| 51) 2,6-Dinitrotoluene            | 14.245 | 165  | 959215   | 75.025 | ng    | 96       |
| 52) Acenaphthene                  | 14.740 | 154  | 3518827  | 61.468 | ng    | 100      |
| 53) 3-Nitroaniline                | 14.575 | 138  | 1055193  | 72.070 | ng    | 98       |
| 54) 2,4-Dinitrophenol             | 14.775 | 184  | 425713   | 59.967 | ng    | 96       |
| 55) Dibenzofuran                  | 15.075 | 168  | 5364297  | 62.073 | ng    | 99       |
| 56) 4-Nitrophenol                 | 14.869 | 139  | 879170   | 64.149 | ng    | 97       |
| 57) 2,4-Dinitrotoluene            | 15.028 | 165  | 1340599  | 78.831 | ng    | 100      |
| 58) Fluorene                      | 15.722 | 166  | 4317593  | 63.476 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol     | 15.292 | 232  | 1261247  | 65.882 | ng    | 99       |
| 60) Diethylphthalate              | 15.498 | 149  | 4397979  | 61.323 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether    | 15.716 | 204  | 2165980  | 66.248 | ng    | 98       |
| 62) 4-Nitroaniline                | 15.740 | 138  | 1059135  | 73.945 | ng    | 99       |
| 63) Azobenzene                    | 16.010 | 77   | 4154636  | 63.407 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphthalate | 15.792 | 198  | 634005   | 61.552 | ng    | 96       |
| 66) n-Nitrosodiphenylamine        | 15.928 | 169  | 3729431  | 59.664 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether     | 16.616 | 248  | 1354072  | 61.741 | ng    | 98       |
| 68) Hexachlorobenzene             | 16.728 | 284  | 1658720  | 65.214 | ng    | 98       |
| 69) Atrazine                      | 16.881 | 200  | 1015801  | 61.675 | ng    | 99       |
| 70) Pentachlorophenol             | 17.069 | 266  | 1067067  | 64.638 | ng    | 99       |
| 71) Phenanthrene                  | 17.475 | 178  | 7373940  | 61.981 | ng    | 99       |
| 72) Anthracene                    | 17.563 | 178  | 7123081  | 62.057 | ng    | 99       |
| 73) Carbazole                     | 17.828 | 167  | 6662067  | 61.113 | ng    | 100      |
| 74) Di-n-butylphthalate           | 18.381 | 149  | 7258115  | 63.861 | ng    | 99       |
| 75) Fluoranthene                  | 19.428 | 202  | 9163809  | 65.015 | ng    | 99       |
| 77) Benzidine                     | 19.604 | 184  | 1369462  | 42.929 | ng    | 98       |
| 78) Pyrene                        | 19.780 | 202  | 9537957  | 58.162 | ng    | 99       |
| 80) Butylbenzylphthalate          | 20.651 | 149  | 1458794  | 49.287 | ng    | 98       |
| 81) Benzo(a)anthracene            | 21.498 | 228  | 9956736  | 61.203 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine        | 21.422 | 252  | 2432689  | 59.409 | ng    | 98       |
| 83) Chrysene                      | 21.557 | 228  | 9451157  | 61.266 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate    | 21.422 | 149  | 2989210  | 55.729 | ng    | 98       |
| 85) Di-n-octyl phthalate          | 22.398 | 149  | 6157538  | 54.261 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene        | 26.715 | 276  | 11765996 | 67.454 | ng    | 99       |
| 88) Benzo(b)fluoranthene          | 23.269 | 252  | 9940953  | 62.672 | ng    | 99       |
| 89) Benzo(k)fluoranthene          | 23.321 | 252  | 10238179 | 64.959 | ng    | 99       |
| 90) Benzo(a)pyrene                | 23.933 | 252  | 8446546  | 64.168 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene        | 26.733 | 278  | 9840846  | 68.227 | ng    | 100      |
| 92) Benzo(g,h,i)perylene          | 27.533 | 276  | 9154245  | 65.343 | ng    | 99       |

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

