

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072021\  
 Data File : BP006253.D  
 Acq On : 20 Jul 2021 16:06  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

mohammad  
 7/21/2021 11:28:52 AM

Quant Time: Jul 20 16:33:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 16:20:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.805  | 152  | 293585   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.593 | 136  | 1170361  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.434 | 164  | 704776   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.187 | 188  | 1396513  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.280 | 240  | 1347709  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.633 | 264  | 1392703  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.399  | 112  | 1692679  | 99.204  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 2352820  | 104.250 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 2026698  | 109.382 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.922 | 330  | 739227   | 88.100  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.063 | 172  | 4531287  | 95.049  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 6678441  | 97.702  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 345129   | 51.553  | ng    | 94       |
| 3) Pyridine                   | 3.734  | 79   | 997751   | 58.655  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 343961   | 51.409  | ng    | # 70     |
| 6) Aniline                    | 7.140  | 93   | 1307013  | 54.887  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.375  | 128  | 954177   | 47.748  | ng    | 98       |
| 9) Benzaldehyde               | 6.958  | 77   | 621476   | 50.454  | ng    | 98       |
| 10) Phenol                    | 7.011  | 94   | 1163697  | 53.687  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.246  | 93   | 908608   | 55.474  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.693  | 146  | 1026972  | 47.962  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.840  | 146  | 1041297  | 47.617  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.158  | 146  | 997716   | 47.924  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.052  | 79   | 863744   | 63.304  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 908103   | 46.683  | ng    | 96       |
| 17) 2-Methylphenol            | 8.252  | 107  | 783184   | 53.113  | ng    | 96       |
| 18) Hexachloroethane          | 8.881  | 117  | 376506   | 51.717  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 741742   | 60.285  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.581  | 107  | 1059982  | 53.208  | ng    | 96       |
| 22) Acetophenone              | 8.634  | 105  | 1405316  | 52.756  | ng    | # 96     |
| 24) Nitrobenzene              | 9.005  | 77   | 1064440  | 56.804  | ng    | 96       |
| 25) Isophorone                | 9.540  | 82   | 2018062  | 57.374  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.710  | 139  | 427241   | 41.012  | ng    | # 91     |
| 27) 2,4-Dimethylphenol        | 9.781  | 122  | 791552   | 51.474  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93   | 1108010  | 56.842  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.240 | 162  | 828407   | 49.029  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.458 | 180  | 906024   | 50.364  | ng    | 98       |
| 31) Naphthalene               | 10.646 | 128  | 3016210  | 49.437  | ng    | 99       |
| 32) Benzoic acid              | 9.928  | 122  | 509476   | 49.224  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.757 | 127  | 1240506  | 52.672  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.928 | 225  | 539407   | 54.458  | ng    | 99       |
| 35) Caprolactam               | 11.569 | 113  | 240379   | 45.131  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.881 | 107  | 955850   | 52.388  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.257 | 142  | 2130391  | 50.326  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.475 | 142  | 2004148  | 50.026  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 949431   | 54.307  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 547137   | 204.947 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.863 | 196  | 609398   | 48.181  | ng    | 97       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.934 | 196  | 648184   | 47.766 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.269 | 154  | 2545951  | 48.117 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.310 | 162  | 1969043  | 48.374 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.516 | 65   | 524837   | 51.888 | ng    | 99       |
| 49) Acenaphthylene            | 14.151 | 152  | 3184936  | 48.593 | ng    | 100      |
| 50) Dimethylphthalate         | 13.904 | 163  | 2440711  | 48.159 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.016 | 165  | 533236   | 46.669 | ng    | 95       |
| 52) Acenaphthene              | 14.498 | 154  | 1941486  | 48.695 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.346 | 138  | 573044   | 49.503 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.546 | 184  | 224458   | 48.078 | ng    | 95       |
| 55) Dibenzofuran              | 14.834 | 168  | 3041956  | 49.012 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.646 | 139  | 478901   | 65.140 | ng    | # 88     |
| 57) 2,4-Dinitrotoluene        | 14.798 | 165  | 704329   | 45.770 | ng    | 94       |
| 58) Fluorene                  | 15.481 | 166  | 2432379  | 48.781 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 576652m  | 54.308 | ng    |          |
| 60) Diethylphthalate          | 15.275 | 149  | 2528780  | 48.655 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.487 | 204  | 1156951  | 52.927 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.510 | 138  | 593042   | 55.799 | ng    | # 84     |
| 63) Azobenzene                | 15.775 | 77   | 2576673  | 59.384 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 198  | 347387   | 41.248 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.698 | 169  | 2134852  | 46.949 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 692709   | 50.317 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 811035   | 49.631 | ng    | 96       |
| 69) Atrazine                  | 16.663 | 200  | 710593   | 49.776 | ng    | 97       |
| 70) Pentachlorophenol         | 16.828 | 266  | 478379   | 63.429 | ng    | 100      |
| 71) Phenanthrene              | 17.228 | 178  | 3779199  | 47.918 | ng    | 99       |
| 72) Anthracene                | 17.316 | 178  | 3718072  | 48.121 | ng    | 99       |
| 73) Carbazole                 | 17.592 | 167  | 3702317  | 48.356 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.163 | 149  | 4389678  | 47.631 | ng    | 99       |
| 75) Fluoranthene              | 19.198 | 202  | 4327166  | 50.059 | ng    | 95       |
| 77) Benzidine                 | 19.386 | 184  | 1703092  | 42.617 | ng    | 99       |
| 78) Pyrene                    | 19.551 | 202  | 4440529  | 48.747 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.445 | 149  | 2001227  | 44.291 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.263 | 228  | 4277850  | 50.186 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 1208180  | 48.317 | ng    | # 97     |
| 83) Chrysene                  | 21.316 | 228  | 4127281  | 48.996 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.216 | 149  | 2961567  | 44.407 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.133 | 149  | 4978444  | 42.384 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.086 | 276  | 4943815  | 48.148 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 22.922 | 252  | 4457534  | 52.764 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.969 | 252  | 4198255  | 50.843 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.533 | 252  | 4038081  | 50.936 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 26.110 | 278  | 4263567  | 48.223 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 26.833 | 276  | 4134611  | 47.517 | ng    | # 92     |

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

