

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112221\  
 Data File : BP008079.D  
 Acq On : 22 Nov 2021 13:01  
 Operator : CG/JU  
 Sample : M4767-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-8-COMPMS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021  
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 23 01:21:37 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 20 00:21:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 118791   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.622 | 136  | 439288   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 272840   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.222 | 188  | 562021   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.321 | 240  | 657058   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.715 | 264  | 775818   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.411  | 112  | 963089   | 138.576 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.005  | 99   | 1253593  | 130.125 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.981  | 82   | 815207   | 84.186  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.963 | 330  | 414061   | 119.919 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.087 | 172  | 1573176  | 90.285  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.786 | 244  | 2345286  | 70.176  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 137907   | 42.400  | ng    | 100      |
| 3) Pyridine                   | 3.722  | 79   | 377338   | 40.523  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 183947   | 44.092  | ng    | 96       |
| 6) Aniline                    | 7.152  | 93   | 431166   | 35.454  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.393  | 128  | 360427   | 46.197  | ng    | 99       |
| 9) Benzaldehyde               | 6.963  | 77   | 237274   | 40.804  | ng    | 98       |
| 10) Phenol                    | 7.028  | 94   | 524039   | 50.782  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.252  | 93   | 379265   | 43.155  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.710  | 146  | 398549   | 44.501  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.857  | 146  | 406899   | 44.763  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 387756   | 44.454  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.069  | 79   | 369874   | 44.471  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352  | 45   | 550983   | 40.225  | ng    | 99       |
| 17) 2-Methylphenol            | 8.275  | 107  | 312960   | 46.031  | ng    | 98       |
| 18) Hexachloroethane          | 8.899  | 117  | 149476   | 46.175  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 288609   | 40.436  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.605  | 107  | 420395   | 44.605  | ng    | 100      |
| 22) Acetophenone              | 8.646  | 105  | 538651   | 44.196  | ng    | # 98     |
| 24) Nitrobenzene              | 9.022  | 77   | 443058   | 46.678  | ng    | 99       |
| 25) Isophorone                | 9.557  | 82   | 751756   | 44.101  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.734  | 139  | 190807   | 47.230  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 317883   | 52.210  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.034 | 93   | 461188   | 42.262  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 338262   | 46.085  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.487 | 180  | 376484   | 45.107  | ng    | 99       |
| 31) Naphthalene               | 10.669 | 128  | 1038193  | 46.519  | ng    | 100      |
| 32) Benzoic acid              | 9.963  | 122  | 241441   | 46.256  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.781 | 127  | 165588   | 17.478  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.957 | 225  | 246635   | 43.670  | ng    | 97       |
| 35) Caprolactam               | 11.581 | 113  | 106990   | 64.934  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.922 | 107  | 368550   | 43.500  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.281 | 142  | 732143   | 44.440  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.504 | 142  | 676000   | 41.898  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 408975   | 46.721  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.634 | 237  | 394957   | 99.307  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.898 | 196  | 277846   | 46.077  | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.975 | 196  | 299122   | 45.981 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.298 | 154  | 904266   | 44.631 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.340 | 162  | 725737   | 47.001 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.545 | 65   | 255370   | 46.156 | ng    | 97       |
| 49) Acenaphthylene            | 14.187 | 152  | 1132781  | 47.224 | ng    | 99       |
| 50) Dimethylphthalate         | 13.928 | 163  | 882936   | 42.736 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 197585   | 45.648 | ng    | 92       |
| 52) Acenaphthene              | 14.528 | 154  | 666467   | 45.336 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.375 | 138  | 139429   | 30.828 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.587 | 184  | 234820   | 86.941 | ng    | 99       |
| 55) Dibenzofuran              | 14.863 | 168  | 1095315  | 43.275 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 342638   | 94.505 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.834 | 165  | 274067   | 45.794 | ng    | 99       |
| 58) Fluorene                  | 15.516 | 166  | 839043   | 50.353 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 254332m  | 43.463 | ng    |          |
| 60) Diethylphthalate          | 15.292 | 149  | 917649   | 43.295 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 434822   | 46.591 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 198180   | 42.579 | ng    | 98       |
| 63) Azobenzene                | 15.804 | 77   | 908571   | 41.109 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 150005   | 39.519 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.728 | 169  | 749207   | 46.982 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248  | 275183   | 44.626 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.528 | 284  | 302321   | 45.878 | ng    | 98       |
| 69) Atrazine                  | 16.686 | 200  | 288531   | 70.779 | ng    | 99       |
| 70) Pentachlorophenol         | 16.875 | 266  | 387423   | 91.439 | ng    | 99       |
| 71) Phenanthrene              | 17.263 | 178  | 1371267  | 45.283 | ng    | 100      |
| 72) Anthracene                | 17.357 | 178  | 1407870  | 46.960 | ng    | 100      |
| 73) Carbazole                 | 17.628 | 167  | 1287146  | 42.279 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 1501636  | 45.261 | ng    | 100      |
| 75) Fluoranthene              | 19.239 | 202  | 1738538  | 44.543 | ng    | 100      |
| 77) Benzidine                 | 19.416 | 184  | 806295   | 70.468 | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 1839584  | 41.229 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.469 | 149  | 817654   | 43.858 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.304 | 228  | 2061634  | 46.786 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.233 | 252  | 578866   | 31.484 | ng    | 98       |
| 83) Chrysene                  | 21.357 | 228  | 2072033  | 49.554 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149  | 1081362  | 42.878 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.157 | 149  | 2195622  | 47.511 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.227 | 276  | 2598555  | 48.270 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.986 | 252  | 2389641  | 49.264 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.039 | 252  | 2145781  | 44.461 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.615 | 252  | 2235626  | 54.993 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.245 | 278  | 2180541  | 48.659 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.992 | 276  | 2243627  | 51.108 | ng    | 99       |

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

