

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011822\  
 Data File : BP008842.D  
 Acq On : 18 Jan 2022 16:37  
 Operator : CG/JU  
 Sample : N1154-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20220028-KEANSBURG-2-COMPMSD

Quant Time: Jan 19 03:37:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 14 18:05:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 250393   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.651 | 136  | 922531   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.492 | 164  | 576145   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 1162217  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.339 | 240  | 1142659  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.757 | 264  | 1242982  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1941020  | 119.877 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.028  | 99   | 2349199  | 119.812 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.010  | 82   | 1396135  | 85.920  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.986 | 330  | 1045061  | 124.614 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.116 | 172  | 3087476  | 70.669  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.804 | 244  | 3874613  | 57.236  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 250471   | 38.218  | ng    | 98       |
| 3) Pyridine                   | 3.740  | 79   | 683318   | 49.782  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 290701   | 45.140  | ng    | 80       |
| 6) Aniline                    | 7.175  | 93   | 654872   | 26.759  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.416  | 128  | 769077   | 44.598  | ng    | 98       |
| 9) Benzaldehyde               | 6.987  | 77   | 410725   | 31.342  | ng    | 98       |
| 10) Phenol                    | 7.058  | 94   | 934355   | 46.742  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.275  | 93   | 692942   | 43.569  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.740  | 146  | 872417   | 42.482  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.887  | 146  | 892240   | 42.869  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.205  | 146  | 852241   | 42.943  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.093  | 79   | 621929   | 45.213  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381  | 45   | 781002   | 43.911  | ng    | 98       |
| 17) 2-Methylphenol            | 8.305  | 107  | 602389   | 44.982  | ng    | 96       |
| 18) Hexachloroethane          | 8.928  | 117  | 308390   | 43.655  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.663  | 70   | 507345   | 44.265  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.634  | 107  | 800432   | 45.024  | ng    | 98       |
| 22) Acetophenone              | 8.675  | 105  | 1081748  | 46.031  | ng    | # 96     |
| 24) Nitrobenzene              | 9.052  | 77   | 760728   | 46.348  | ng    | 96       |
| 25) Isophorone                | 9.581  | 82   | 1352826  | 46.069  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.763  | 139  | 406958   | 47.162  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.834  | 122  | 679379   | 46.177  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93   | 867327   | 45.262  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.304 | 162  | 739404   | 46.054  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.516 | 180  | 830254   | 44.147  | ng    | 100      |
| 31) Naphthalene               | 10.704 | 128  | 2241026  | 44.726  | ng    | 100      |
| 32) Benzoic acid              | 10.004 | 122  | 463400   | 54.883  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.816 | 127  | 285132   | 13.964  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.993 | 225  | 521467   | 44.380  | ng    | 99       |
| 35) Caprolactam               | 11.610 | 113  | 209691   | 47.378  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.951 | 107  | 687941   | 47.496  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.316 | 142  | 1648444  | 45.003  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.534 | 142  | 1515310  | 45.070  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.687 | 216  | 952352   | 45.335  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.663 | 237  | 839631   | 78.113  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.928 | 196  | 600978   | 46.271  | ng    | 99       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.004 | 196  | 648931   | 46.421  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.322 | 154  | 2138422  | 45.620  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.363 | 162  | 1627146  | 45.018  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.569 | 65   | 398523   | 49.658  | ng    | 94       |
| 49) Acenaphthylene            | 14.210 | 152  | 2509464  | 45.955  | ng    | 100      |
| 50) Dimethylphthalate         | 13.951 | 163  | 1983264  | 46.349  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.069 | 165  | 433165   | 47.731  | ng    | 91       |
| 52) Acenaphthene              | 14.557 | 154  | 1493701  | 46.119  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.398 | 138  | 203156   | 22.763  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.610 | 184  | 449416   | 122.450 | ng    | 93       |
| 55) Dibenzofuran              | 14.892 | 168  | 2430176  | 46.048  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.722 | 139  | 708895   | 110.301 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 592868   | 50.790  | ng    | # 88     |
| 58) Fluorene                  | 15.539 | 166  | 1970319  | 47.267  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.122 | 232  | 554404   | 48.146  | ng    | # 86     |
| 60) Diethylphthalate          | 15.316 | 149  | 1953206  | 48.108  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 1053733  | 46.405  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.563 | 138  | 411588   | 47.616  | ng    | 90       |
| 63) Azobenzene                | 15.828 | 77   | 1655737  | 49.121  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 295238   | 50.845  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 15.751 | 169  | 1707876  | 45.659  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.434 | 248  | 654348   | 45.089  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.557 | 284  | 729003   | 43.836  | ng    | 97       |
| 69) Atrazine                  | 16.710 | 200  | 638075   | 45.904  | ng    | 99       |
| 70) Pentachlorophenol         | 16.904 | 266  | 904822   | 102.144 | ng    | 100      |
| 71) Phenanthrene              | 17.286 | 178  | 3036143  | 46.398  | ng    | 99       |
| 72) Anthracene                | 17.381 | 178  | 3084857  | 46.994  | ng    | 99       |
| 73) Carbazole                 | 17.651 | 167  | 2745853  | 48.648  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.204 | 149  | 3353596  | 49.371  | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 3536651  | 48.601  | ng    | 97       |
| 77) Benzidine                 | 19.433 | 184  | 1671160  | 41.399  | ng    | 99       |
| 78) Pyrene                    | 19.610 | 202  | 3632843  | 45.565  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 1484635  | 46.299  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.321 | 228  | 3543904  | 46.101  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.257 | 252  | 1176655  | 35.430  | ng    | 99       |
| 83) Chrysene                  | 21.374 | 228  | 3372738  | 45.259  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149  | 2256246  | 45.436  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.180 | 149  | 3809682  | 45.352  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.286 | 276  | 4840595  | 47.260  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.021 | 252  | 3864808  | 46.559  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.068 | 252  | 3643439  | 45.343  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.651 | 252  | 3733706  | 46.600  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.304 | 278  | 4082478  | 46.875  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.062 | 276  | 3992665  | 46.953  | ng    | 99       |

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

