

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061021\  
 Data File : BM030385.D  
 Acq On : 11 Jun 2021 00:45  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jun 11 07:53:57 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 139971   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.634 | 136  | 607488   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 449136   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1075503  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.362 | 240  | 1495352  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.639 | 264  | 1692151  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 659478   | 76.593 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.005  | 99   | 995307   | 79.853 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.999  | 82   | 919044   | 73.703 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 168595   | 29.856 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.086 | 172  | 2450225  | 71.742 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.815 | 244  | 5325052  | 62.548 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 127451   | 34.241 | ng    | 93       |
| 3) Pyridine                   | 3.752  | 79   | 366312   | 38.553 | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 167077   | 34.638 | ng    | # 85     |
| 6) Aniline                    | 7.175  | 93   | 527378   | 37.077 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.405  | 128  | 399216   | 39.505 | ng    | 98       |
| 9) Benzaldehyde               | 6.987  | 77   | 243483   | 46.769 | ng    | 92       |
| 10) Phenol                    | 7.028  | 94   | 492010   | 39.074 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.269  | 93   | 365036   | 36.794 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.734  | 146  | 411143   | 36.928 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.881  | 146  | 419059   | 36.934 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 411816   | 37.311 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.081  | 79   | 343969   | 39.323 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.369  | 45   | 514435   | 32.224 | ng    | 92       |
| 17) 2-Methylphenol            | 8.275  | 107  | 325185   | 39.852 | ng    | 94       |
| 18) Hexachloroethane          | 8.922  | 117  | 141764   | 34.764 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.646  | 70   | 310344   | 37.501 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 466885   | 42.055 | ng    | 96       |
| 22) Acetophenone              | 8.663  | 105  | 615601   | 37.928 | ng    | # 99     |
| 24) Nitrobenzene              | 9.040  | 77   | 463126   | 35.604 | ng    | 94       |
| 25) Isophorone                | 9.563  | 82   | 885185   | 37.038 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.746  | 139  | 88115    | 17.662 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 348738   | 37.698 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.040 | 93   | 468888   | 34.506 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 414020   | 39.923 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.493 | 180  | 445887   | 37.668 | ng    | 99       |
| 31) Naphthalene               | 10.681 | 128  | 1288084  | 36.399 | ng    | 99       |
| 32) Benzoic acid              | 9.804  | 122  | 348738   | 48.495 | ng    | # 10     |
| 33) 4-Chloroaniline           | 10.793 | 127  | 554544   | 38.506 | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.969 | 225  | 265661   | 37.596 | ng    | 96       |
| 35) Caprolactam               | 11.569 | 113  | 174045   | 48.629 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 446749   | 41.126 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.287 | 142  | 997751   | 38.428 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.510 | 142  | 940829   | 38.044 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 544100   | 37.584 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.639 | 237  | 176256   | 22.205 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.898 | 196  | 214146   | 21.880 | ng    | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.969 | 196  | 334672   | 31.175 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.298 | 154  | 1299810  | 35.737 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.339 | 162  | 1050911  | 35.746 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.545 | 65   | 319240   | 36.672 | ng    | 96       |
| 49) Acenaphthylene            | 14.186 | 152  | 1645283  | 36.531 | ng    | 99       |
| 50) Dimethylphthalate         | 13.922 | 163  | 1349218  | 37.747 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.039 | 165  | 300269   | 38.108 | ng    | 93       |
| 52) Acenaphthene              | 14.528 | 154  | 1021566  | 35.511 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.369 | 138  | 325553   | 37.929 | ng    | 94       |
| 55) Dibenzofuran              | 14.863 | 168  | 1713264  | 37.429 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.675 | 139  | 24841    | 3.713  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 365393   | 33.754 | ng    | 97       |
| 58) Fluorene                  | 15.510 | 166  | 1441290  | 38.166 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 98193    | 10.568 | ng    | 95       |
| 60) Diethylphthalate          | 15.280 | 149  | 1358861  | 38.030 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 712623   | 38.289 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.528 | 138  | 381883   | 41.720 | ng    | 87       |
| 63) Azobenzene                | 15.792 | 77   | 1255137  | 34.778 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.716 | 169  | 1268873  | 33.925 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 439814   | 35.092 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.510 | 284  | 521677   | 36.708 | ng    | 96       |
| 69) Atrazine                  | 16.663 | 200  | 391298   | 39.064 | ng    | 95       |
| 70) Pentachlorophenol         | 16.857 | 266  | 24536    | 2.950  | ng    | 94       |
| 71) Phenanthrene              | 17.245 | 178  | 2440438  | 36.061 | ng    | 99       |
| 72) Anthracene                | 17.333 | 178  | 2444391  | 37.200 | ng    | 100      |
| 73) Carbazole                 | 17.604 | 167  | 2479591  | 39.570 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.163 | 149  | 2501637  | 38.292 | ng    | 99       |
| 75) Fluoranthene              | 19.251 | 202  | 3247088  | 42.270 | ng    | 99       |
| 77) Benzidine                 | 19.433 | 184  | 1264313  | 47.786 | ng    | 99       |
| 78) Pyrene                    | 19.610 | 202  | 3480416  | 30.716 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.504 | 149  | 1262557  | 28.790 | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.345 | 228  | 3999816  | 36.752 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 1373366  | 41.684 | ng    | 99       |
| 83) Chrysene                  | 21.398 | 228  | 3874742  | 36.634 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 2036322  | 30.545 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.157 | 149  | 3617210  | 34.528 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.962 | 276  | 4815634  | 37.415 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.956 | 252  | 4455521  | 34.789 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.998 | 252  | 4345707  | 34.742 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.545 | 252  | 4158256  | 36.717 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 25.974 | 278  | 4098419  | 36.933 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.668 | 276  | 3888389  | 36.839 | ng    | 98       |

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

