

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042121\  
 Data File : BM029569.D  
 Acq On : 21 Apr 2021 13:55  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 4/22/2021 12:11:18 PM

Quant Time: Apr 21 14:34:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 21 13:05:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 94111    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.428 | 136  | 365414   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.292 | 164  | 271544   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.039 | 188  | 593345   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.221 | 240  | 703694   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.415 | 264  | 694830   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.246  | 112  | 774558   | 167.07 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.840  | 99   | 1201747  | 173.03 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.810  | 82   | 1223174  | 174.03 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.792 | 330  | 721458   | 190.42 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.916 | 172  | 3559232  | 178.03 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.674 | 244  | 6787174  | 182.05 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.175  | 88   | 138452   | 75.75  | ng    | 99       |
| 3) Pyridine                   | 3.575  | 79   | 402807m  | 86.02  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 201668   | 87.44  | ng    | 97       |
| 6) Aniline                    | 6.993  | 93   | 639506   | 83.76  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.222  | 128  | 481457   | 83.58  | ng    | 98       |
| 10) Phenol                    | 6.863  | 94   | 575674   | 86.26  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.087  | 93   | 421707   | 81.32  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.540  | 146  | 526883   | 78.52  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.687  | 146  | 541001   | 78.58  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.999  | 146  | 543331   | 79.65  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.899  | 79   | 448864   | 88.12  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.187  | 45   | 524059   | 78.02  | ng    | 99       |
| 17) 2-Methylphenol            | 8.099  | 107  | 395806   | 84.05  | ng    | 97       |
| 18) Hexachloroethane          | 8.716  | 117  | 198577   | 78.97  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.469  | 70   | 426037   | 83.54  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.434  | 107  | 555705   | 84.96  | ng    | 99       |
| 22) Acetophenone              | 8.475  | 105  | 768321   | 87.75  | ng    | # 99     |
| 24) Nitrobenzene              | 8.852  | 77   | 604930   | 84.84  | ng    | 99       |
| 25) Isophorone                | 9.381  | 82   | 1151349  | 85.55  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.552  | 139  | 294648   | 93.62  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.622  | 122  | 417354   | 86.66  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.857  | 93   | 567100   | 84.96  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.087 | 162  | 570077   | 89.51  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.299 | 180  | 610951   | 83.81  | ng    | 99       |
| 31) Naphthalene               | 10.481 | 128  | 1574290  | 83.64  | ng    | 99       |
| 32) Benzoic acid              | 9.834  | 122  | 373904   | 98.92  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.598 | 127  | 663729   | 88.37  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.769 | 225  | 389744   | 83.10  | ng    | 96       |
| 35) Caprolactam               | 11.428 | 113  | 166115m  | 86.74  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.734 | 107  | 545758   | 87.29  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.098 | 142  | 1277760  | 85.25  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.322 | 142  | 1206690  | 83.70  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.475 | 216  | 724992   | 89.30  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.451 | 237  | 413463   | 93.35  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.722 | 196  | 513947   | 91.13  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 12.792 | 196  | 556327   | 89.47  | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.128 | 154  | 1716441  | 86.10 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.163 | 162  | 1373851  | 86.75 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.375 | 65   | 376781   | 95.91 | ng    | 98       |
| 49) Acenaphthylene            | 14.016 | 152  | 2131338  | 87.47 | ng    | 99       |
| 50) Dimethylphthalate         | 13.769 | 163  | 1751074  | 85.30 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.881 | 165  | 403366   | 88.74 | ng    | 95       |
| 52) Acenaphthene              | 14.363 | 154  | 1330047  | 87.54 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.216 | 138  | 357115   | 94.82 | ng    | 96       |
| 55) Dibenzofuran              | 14.698 | 168  | 2224020  | 86.86 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.528 | 139  | 313291   | 95.28 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.675 | 165  | 568333   | 91.83 | ng    | 97       |
| 58) Fluorene                  | 15.345 | 166  | 1989712  | 92.12 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.928 | 232  | 500024   | 89.48 | ng    | 96       |
| 60) Diethylphthalate          | 15.133 | 149  | 1738375  | 85.19 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.345 | 204  | 1005117  | 91.95 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.386 | 138  | 384755   | 98.06 | ng    | 98       |
| 63) Azobenzene                | 15.639 | 77   | 1666602  | 86.72 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 198  | 367558   | 92.07 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.563 | 169  | 1616057  | 88.18 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.233 | 248  | 558762   | 88.19 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.345 | 284  | 618870   | 87.40 | ng    | 100      |
| 69) Atrazine                  | 16.522 | 200  | 555528   | 83.68 | ng    | 98       |
| 70) Pentachlorophenol         | 16.692 | 266  | 423675   | 92.06 | ng    | 97       |
| 71) Phenanthrene              | 17.080 | 178  | 2973237  | 87.64 | ng    | 100      |
| 72) Anthracene                | 17.175 | 178  | 3001515  | 89.50 | ng    | 100      |
| 73) Carbazole                 | 17.445 | 167  | 2810737  | 89.23 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.010 | 149  | 3150150  | 89.86 | ng    | 99       |
| 75) Fluoranthene              | 19.098 | 202  | 3690393  | 88.77 | ng    | 99       |
| 77) Benzidine                 | 19.286 | 184  | 1221504  | 81.85 | ng    | 99       |
| 78) Pyrene                    | 19.463 | 202  | 3864267  | 85.78 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.368 | 149  | 1561255  | 90.29 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.210 | 228  | 4028911  | 86.47 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.145 | 252  | 1364409  | 90.52 | ng #  | 98       |
| 83) Chrysene                  | 21.262 | 228  | 3979350  | 86.91 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.145 | 149  | 2567418  | 90.85 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.010 | 149  | 4105668  | 85.91 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.650 | 276  | 4630188  | 85.25 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.768 | 252  | 4052208  | 88.96 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 22.809 | 252  | 4086502  | 91.66 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.333 | 252  | 3791187  | 89.53 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.656 | 278  | 4078153  | 87.10 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.327 | 276  | 3456161  | 79.61 | ng    | 100      |

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

