

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM043019\  
 Data File : BM020081.D  
 Acq On : 30 Apr 2019 18:35  
 Operator : JU/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Sohil  
 5/2/2019 2:20:56 AM

Quant Time: May 01 03:55:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:29:22 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 91976    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.59 | 136  | 369910   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.43 | 164  | 222743   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.18 | 188  | 528748   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.36 | 240  | 572393   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.65 | 264  | 634817   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 699875  | 123.32 | ng | 0.00 |
| 7) Phenol-d6             | 6.95  | 99  | 946815  | 110.85 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.96  | 82  | 1141730 | 138.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.93 | 330 | 425706  | 118.73 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.06 | 172 | 2201198 | 123.16 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.81 | 244 | 3986477 | 122.84 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.31  | 88  | 169910  | 69.377 | ng | 97     |
| 3) Pyridine                    | 3.70  | 79  | 434609  | 63.366 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 149075  | 67.472 | ng | 95     |
| 6) Aniline                     | 7.13  | 93  | 592964  | 53.751 | ng | 97     |
| 8) 2-Chlorophenol              | 7.36  | 128 | 381103  | 53.991 | ng | 98     |
| 9) Benzaldehyde                | 6.95  | 77  | 335289  | 67.271 | ng | 99     |
| 10) Phenol                     | 6.98  | 94  | 511373  | 54.799 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.23  | 93  | 369393  | 54.102 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.68  | 146 | 434173  | 58.590 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.83  | 146 | 435895  | 57.976 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.14  | 146 | 416625  | 55.886 | ng | 98     |
| 15) Benzyl Alcohol             | 8.03  | 79  | 454056  | 58.476 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.32  | 45  | 300050  | 46.100 | ng | 97     |
| 17) 2-Methylphenol             | 8.23  | 107 | 330201  | 53.464 | ng | 96     |
| 18) Hexachloroethane           | 8.86  | 117 | 182121  | 62.316 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.60  | 70  | 391430  | 52.135 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 436379  | 51.434 | ng | 97     |
| 22) Acetophenone               | 8.62  | 105 | 595561  | 59.111 | ng | # 99   |
| 24) Nitrobenzene               | 9.00  | 77  | 582938  | 68.032 | ng | 98     |
| 25) Isophorone                 | 9.52  | 82  | 967337  | 60.078 | ng | 99     |
| 26) 2-Nitrophenol              | 9.70  | 139 | 188384  | 51.591 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.76  | 122 | 291765  | 56.512 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93  | 533511  | 59.172 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.23 | 162 | 375770  | 64.084 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.45 | 180 | 454005  | 71.938 | ng | 98     |
| 31) Naphthalene                | 10.64 | 128 | 1150058 | 57.964 | ng | 99     |
| 32) Benzoic acid               | 9.89  | 122 | 210564m | 46.185 | ng |        |
| 33) 4-Chloroaniline            | 10.75 | 127 | 477725  | 58.447 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.90 | 225 | 321441  | 86.359 | ng | 98     |
| 35) Caprolactam                | 11.55 | 113 | 115061m | 51.840 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.87 | 107 | 433134  | 59.448 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.25 | 142 | 834301  | 57.758 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.47 | 142 | 808408  | 56.681 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 529717  | 77.089 | ng | 99     |

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|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.59 | 237  | 319277   | 172.770 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.86 | 196  | 308885   | 66.303  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.93 | 196  | 342053   | 70.545  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.27 | 154  | 1102594  | 57.152  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.31 | 162  | 883389   | 60.030  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.52 | 65   | 332628   | 62.709  | ng    | 99       |
| 49) Acenaphthylene             | 14.16 | 152  | 1410743  | 55.098  | ng    | 100      |
| 50) Dimethylphthalate          | 13.90 | 163  | 1142029  | 58.127  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 245270   | 56.454  | ng    | 99       |
| 52) Acenaphthene               | 14.50 | 154  | 815009   | 57.409  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 230780   | 53.198  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.55 | 184  | 109684   | 49.911  | ng    | 99       |
| 55) Dibenzofuran               | 14.83 | 168  | 1359022  | 58.541  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 201208   | 66.910  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.80 | 165  | 339188   | 54.313  | ng    | 100      |
| 58) Fluorene                   | 15.49 | 166  | 1122354  | 57.056  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 321827   | 72.743  | ng    | 99       |
| 60) Diethylphthalate           | 15.26 | 149  | 1139911  | 55.785  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.48 | 204  | 631671   | 66.695  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 255801   | 59.848  | ng    | 98       |
| 63) Azobenzene                 | 15.77 | 77   | 1354496  | 62.019  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 198  | 162074   | 48.042  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.70 | 169  | 953818   | 55.178  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.37 | 248  | 394640   | 64.918  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.47 | 284  | 454526   | 62.313  | ng    | 96       |
| 69) Atrazine                   | 16.64 | 200  | 380229   | 64.795  | ng    | 98       |
| 70) Pentachlorophenol          | 16.82 | 266  | 276745   | 74.255  | ng    | 100      |
| 71) Phenanthrene               | 17.23 | 178  | 1775552  | 56.587  | ng    | 98       |
| 72) Anthracene                 | 17.32 | 178  | 1784045  | 57.119  | ng    | 100      |
| 73) Carbazole                  | 17.59 | 167  | 1622357  | 55.633  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.15 | 149  | 1966147  | 51.339  | ng    | 99       |
| 75) Fluoranthene               | 19.24 | 202  | 2268745  | 62.829  | ng    | 100      |
| 77) Benzidine                  | 19.43 | 184  | 916413   | 58.026  | ng    | 99       |
| 78) Pyrene                     | 19.60 | 202  | 2339150  | 61.710  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.50 | 149  | 883824   | 48.093  | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.35 | 228  | 2445900  | 67.455  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 946849   | 70.186  | ng    | 99       |
| 83) Chrysene                   | 21.40 | 228  | 2364081  | 67.986  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 1364520  | 49.874  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.17 | 149  | 2305071  | 51.924  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.99 | 276  | 2911804  | 85.122  | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 2527509  | 59.961  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.01 | 252  | 2333197  | 58.794  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 2330448  | 62.395  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.00 | 278  | 2458243  | 68.265  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.70 | 276  | 2315556  | 70.995  | ng    | 99       |

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

