

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100821\  
 Data File : BP007374.D  
 Acq On : 08 Oct 2021 13:38  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 10/11/2021 2:11:55 PM

Quant Time: Oct 08 15:23:52 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP100821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 08 15:20:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 192151   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.587 | 136  | 712826   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.428 | 164  | 400010   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 1057324  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.280 | 240  | 766974   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.639 | 264  | 782469   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 1701278  | 145.89 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.975  | 99   | 2062280  | 131.73 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.958  | 82   | 1871732  | 154.65 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.934 | 330  | 1160998  | 176.94 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.057 | 172  | 4745717  | 165.78 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 7863392  | 180.83 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.223  | 88   | 306522   | 66.70  | ng    | 89       |
| 3) Pyridine                   | 3.640  | 79   | 955493   | 75.29  | ng    | # 88     |
| 4) n-Nitrosodimethylamine     | 3.552  | 42   | 352915   | 74.37  | ng    | # 79     |
| 6) Aniline                    | 7.116  | 93   | 1119848  | 64.48  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.352  | 128  | 864127   | 68.46  | ng    | 99       |
| 10) Phenol                    | 6.999  | 94   | 993227   | 66.35  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.216  | 93   | 793603   | 66.14  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.669  | 146  | 927155   | 65.14  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.816  | 146  | 991950   | 69.41  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.134  | 146  | 1008153  | 72.85  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 731778   | 72.02  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 919108   | 66.57  | ng    | 91       |
| 17) 2-Methylphenol            | 8.240  | 107  | 745620   | 72.15  | ng    | 93       |
| 18) Hexachloroethane          | 8.858  | 117  | 340758   | 70.55  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.610  | 70   | 587184   | 66.14  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.581  | 107  | 1051561  | 72.60  | ng    | 95       |
| 22) Acetophenone              | 8.616  | 105  | 1268899  | 75.68  | ng    | # 97     |
| 24) Nitrobenzene              | 8.999  | 77   | 844715   | 73.97  | ng    | 95       |
| 25) Isophorone                | 9.528  | 82   | 1741225  | 76.24  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.705  | 139  | 502325   | 78.74  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.775  | 122  | 673984   | 71.14  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.005 | 93   | 1068246  | 69.63  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.240 | 162  | 823671   | 72.30  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.452 | 180  | 978989   | 76.28  | ng    | 99       |
| 31) Naphthalene               | 10.634 | 128  | 2727268  | 74.76  | ng    | 100      |
| 32) Benzoic acid              | 10.016 | 122  | 677574   | 88.65  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.752 | 127  | 1170622  | 77.55  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.916 | 225  | 637006   | 83.19  | ng    | 99       |
| 35) Caprolactam               | 11.610 | 113  | 303871m  | 84.31  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.899 | 107  | 932457   | 87.44  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.251 | 142  | 1872217  | 81.98  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 1876802  | 83.71  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 1152413  | 88.68  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.869 | 196  | 807896   | 90.84  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 12.946 | 196  | 892849   | 92.72  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.269 | 154  | 2592463  | 86.32  | ng    | 100      |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 13.310 | 162  | 2033222  | 86.78 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.522 | 65   | 561502   | 92.56 | ng    | 90       |
| 49) Acenaphthylene            | 14.151 | 152  | 2890290  | 79.92 | ng    | 100      |
| 50) Dimethylphthalate         | 13.910 | 163  | 2612284  | 84.75 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.022 | 165  | 534975   | 83.37 | ng    | 88       |
| 52) Acenaphthene              | 14.498 | 154  | 1541994  | 72.24 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.357 | 138  | 513175   | 77.97 | ng    | 96       |
| 55) Dibenzofuran              | 14.834 | 168  | 3136794  | 84.65 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.681 | 139  | 507979   | 98.42 | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 795325   | 90.60 | ng    | 90       |
| 58) Fluorene                  | 15.481 | 166  | 2206099  | 76.91 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 792198   | 90.02 | ng    | 95       |
| 60) Diethylphthalate          | 15.263 | 149  | 2587609  | 84.46 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.475 | 204  | 1260661  | 78.89 | ng    | 90       |
| 62) 4-Nitroaniline            | 15.528 | 138  | 666788   | 94.68 | ng    | # 80     |
| 63) Azobenzene                | 15.775 | 77   | 2113128  | 84.26 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 573316   | 78.71 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.698 | 169  | 2308478  | 68.87 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.492 | 284  | 1002459  | 66.94 | ng    | # 93     |
| 69) Atrazine                  | 16.663 | 200  | 803062   | 65.11 | ng    | 98       |
| 70) Pentachlorophenol         | 16.839 | 266  | 636088   | 77.17 | ng    | 99       |
| 71) Phenanthrene              | 17.228 | 178  | 3915308  | 70.12 | ng    | 99       |
| 72) Anthracene                | 17.322 | 178  | 3911728  | 66.30 | ng    | 99       |
| 73) Carbazole                 | 17.598 | 167  | 4077051  | 70.92 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 4464251  | 66.91 | ng    | # 98     |
| 75) Fluoranthene              | 19.204 | 202  | 4918724  | 68.31 | ng    | 98       |
| 77) Benzidine                 | 19.386 | 184  | 1835210  | 82.45 | ng    | 99       |
| 78) Pyrene                    | 19.557 | 202  | 4849080  | 91.81 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.427 | 149  | 1639953  | 80.38 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.269 | 228  | 3593507  | 72.53 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.198 | 252  | 1304557  | 73.17 | ng    | 98       |
| 83) Chrysene                  | 21.322 | 228  | 3352076  | 71.88 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 1954049  | 68.81 | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 22.098 | 149  | 3362472  | 69.44 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.127 | 276  | 4904468  | 91.57 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.927 | 252  | 3447253m | 67.66 | ng    |          |
| 89) Benzo(k)fluoranthene      | 22.974 | 252  | 3496556  | 69.33 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.539 | 252  | 2910009  | 73.56 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.139 | 278  | 4124869  | 92.00 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.880 | 276  | 3699190  | 88.19 | ng    | 98       |

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

