

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100920\  
 Data File : BP003588.D  
 Acq On : 09 Oct 2020 11:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 09 13:12:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 08 15:55:58 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.475  | 152  | 47287    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.251 | 136  | 174135   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.139 | 164  | 107857   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.898 | 188  | 238310   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.010 | 240  | 273132   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.168 | 264  | 303623   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.099  | 112  | 219140   | 80.92 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.693  | 99   | 288039   | 79.80 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.634  | 82   | 259619   | 87.59 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.645 | 330  | 147929   | 89.92 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.751 | 172  | 631319   | 85.61 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.486 | 244  | 1098042  | 83.76 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.987  | 88   | 41027    | 36.87 | ng    | 98       |
| 3) Pyridine                   | 3.381  | 79   | 112901   | 38.10 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.299  | 42   | 41839    | 47.20 | ng    | # 69     |
| 6) Aniline                    | 6.810  | 93   | 159623   | 38.51 | ng    | # 89     |
| 8) 2-Chlorophenol             | 7.052  | 128  | 118075   | 39.15 | ng    | 92       |
| 9) Benzaldehyde               | 6.628  | 77   | 71068    | 35.30 | ng    | 85       |
| 10) Phenol                    | 6.716  | 94   | 136237   | 39.51 | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 6.910  | 93   | 103714   | 37.96 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.363  | 146  | 141608   | 39.27 | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 7.510  | 146  | 143082   | 39.22 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.822  | 146  | 135438   | 38.68 | ng    | 95       |
| 15) Benzyl Alcohol            | 7.734  | 79   | 102508   | 42.73 | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.016  | 45   | 71981    | 36.23 | ng    | 86       |
| 17) 2-Methylphenol            | 7.952  | 107  | 96126    | 38.56 | ng    | # 92     |
| 18) Hexachloroethane          | 8.540  | 117  | 53722    | 39.52 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.287  | 70   | 80617    | 41.69 | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.287  | 107  | 128633   | 38.77 | ng    | # 69     |
| 22) Acetophenone              | 8.299  | 105  | 176812   | 41.34 | ng    | # 90     |
| 24) Nitrobenzene              | 8.675  | 77   | 129291   | 43.59 | ng    | # 85     |
| 25) Isophorone                | 9.199  | 82   | 219891   | 40.48 | ng    | 93       |
| 26) 2-Nitrophenol             | 9.387  | 139  | 66410    | 41.00 | ng    | # 72     |
| 27) 2,4-Dimethylphenol        | 9.469  | 122  | 89972    | 39.28 | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 9.681  | 93   | 138773   | 38.38 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.940  | 162  | 112023   | 39.13 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.128 | 180  | 137952   | 40.62 | ng    | 99       |
| 31) Naphthalene               | 10.298 | 128  | 364436   | 39.62 | ng    | 100      |
| 32) Benzoic acid              | 9.681  | 122  | 38705    | 28.26 | ng    | # 79     |
| 33) 4-Chloroaniline           | 10.428 | 127  | 152726   | 39.08 | ng    | # 91     |
| 34) Hexachlorobutadiene       | 10.593 | 225  | 97443    | 42.03 | ng    | 99       |
| 35) Caprolactam               | 11.204 | 113  | 35831    | 37.51 | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 11.593 | 107  | 121177   | 39.26 | ng    | 88       |
| 37) 2-Methylnaphthalene       | 11.928 | 142  | 256821   | 38.54 | ng    | # 94     |
| 38) 1-Methylnaphthalene       | 12.151 | 142  | 244459   | 38.64 | ng    | # 99     |
| 40) 1,2,4,5-Tetrachloroben... | 12.316 | 216  | 151600   | 42.93 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.292 | 237  | 29177    | 34.64 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.575 | 196  | 94168    | 41.25 | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.669 | 196  | 95601    | 40.70 | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 12.963 | 154  | 331990   | 41.27 | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 13.004 | 162  | 274261   | 41.17 | ng    |          | 97  |
| 48) 2-Nitroaniline            | 13.228 | 65   | 80036    | 47.47 | ng    | #        | 70  |
| 49) Acenaphthylene            | 13.857 | 152  | 405270   | 39.82 | ng    |          | 98  |
| 50) Dimethylphthalate         | 13.604 | 163  | 349980   | 40.64 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene        | 13.728 | 165  | 74881    | 40.56 | ng    | #        | 69  |
| 52) Acenaphthene              | 14.204 | 154  | 248559   | 40.13 | ng    |          | 100 |
| 53) 3-Nitroaniline            | 14.063 | 138  | 80486    | 40.23 | ng    | #        | 81  |
| 54) 2,4-Dinitrophenol         | 14.310 | 184  | 41349    | 50.29 | ng    | #        | 82  |
| 55) Dibenzofuran              | 14.545 | 168  | 394642   | 39.92 | ng    |          | 94  |
| 56) 4-Nitrophenol             | 14.445 | 139  | 54590    | 44.65 | ng    | #        | 50  |
| 57) 2,4-Dinitrotoluene        | 14.539 | 165  | 106107   | 41.44 | ng    | #        | 54  |
| 58) Fluorene                  | 15.198 | 166  | 324662   | 41.58 | ng    |          | 98  |
| 59) 2,3,4,6-Tetrachlorophenol | 14.792 | 232  | 88088    | 39.89 | ng    |          | 99  |
| 60) Diethylphthalate          | 14.981 | 149  | 354959   | 40.41 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.192 | 204  | 178678   | 41.92 | ng    |          | 97  |
| 62) 4-Nitroaniline            | 15.239 | 138  | 80977    | 38.14 | ng    | #        | 56  |
| 63) Azobenzene                | 15.486 | 77   | 282531   | 42.19 | ng    |          | 89  |
| 65) 4,6-Dinitro-2-methylph... | 15.322 | 198  | 50629    | 40.26 | ng    |          | 92  |
| 66) n-Nitrosodiphenylamine    | 15.416 | 169  | 283706   | 40.53 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 16.086 | 248  | 121646   | 42.23 | ng    |          | 95  |
| 68) Hexachlorobenzene         | 16.216 | 284  | 147576   | 43.12 | ng    |          | 98  |
| 69) Atrazine                  | 16.381 | 200  | 109987   | 40.06 | ng    |          | 98  |
| 70) Pentachlorophenol         | 16.575 | 266  | 76295    | 54.31 | ng    |          | 99  |
| 71) Phenanthrene              | 16.939 | 178  | 516261   | 39.82 | ng    |          | 99  |
| 72) Anthracene                | 17.033 | 178  | 511858   | 40.06 | ng    |          | 100 |
| 73) Carbazole                 | 17.310 | 167  | 473033   | 38.97 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 17.875 | 149  | 611819   | 39.43 | ng    | #        | 98  |
| 75) Fluoranthene              | 18.927 | 202  | 640804   | 39.31 | ng    |          | 99  |
| 77) Benzidine                 | 19.116 | 184  | 192800   | 22.76 | ng    |          | 99  |
| 78) Pyrene                    | 19.280 | 202  | 662467   | 38.89 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.163 | 149  | 295172   | 37.88 | ng    |          | 92  |
| 81) Benzo(a)anthracene        | 20.992 | 228  | 692149   | 39.20 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine    | 20.927 | 252  | 274078   | 40.16 | ng    | #        | 99  |
| 83) Chrysene                  | 21.045 | 228  | 663136   | 39.09 | ng    |          | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.927 | 149  | 421944   | 38.46 | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 21.774 | 149  | 738125   | 36.82 | ng    | #        | 97  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.368 | 276  | 949407   | 41.25 | ng    | #        | 93  |
| 88) Benzo(b)fluoranthene      | 22.521 | 252  | 753836   | 39.32 | ng    | #        | 98  |
| 89) Benzo(k)fluoranthene      | 22.568 | 252  | 724480   | 39.43 | ng    | #        | 98  |
| 90) Benzo(a)pyrene            | 23.080 | 252  | 704060   | 38.94 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 25.368 | 278  | 785709   | 41.37 | ng    | #        | 96  |
| 92) Benzo(g,h,i)perylene      | 26.033 | 276  | 767446   | 40.48 | ng    | #        | 94  |

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

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