

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101420\  
 Data File : BP003608.D  
 Acq On : 14 Oct 2020 13:06  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Quant Time: Oct 14 14:56:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 14 14:53:26 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.546  | 152  | 82136    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.393 | 136  | 306313   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.145 | 164  | 208707   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.863 | 188  | 469665   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.880 | 240  | 499039   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.463 | 264  | 490904   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 6.028  | 112  | 192246   | 40.87 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.675  | 99   | 281494   | 44.90 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.710  | 82   | 256223   | 49.14 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.616 | 330  | 106368   | 33.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.775 | 172  | 628079   | 44.01 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.333 | 244  | 1077275  | 44.98 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.693  | 88   | 40692    | 21.05 | ng    | # 84     |
| 3) Pyridine                   | 4.134  | 79   | 121375   | 23.58 | ng    | # 89     |
| 4) n-Nitrosodimethylamine     | 4.028  | 42   | 52076    | 33.83 | ng    | # 60     |
| 6) Aniline                    | 7.834  | 93   | 163789   | 22.75 | ng    | # 85     |
| 8) 2-Chlorophenol             | 8.105  | 128  | 97333    | 18.58 | ng    | # 81     |
| 9) Benzaldehyde               | 7.634  | 77   | 88528    | 25.32 | ng    | # 74     |
| 10) Phenol                    | 7.705  | 94   | 134872   | 22.52 | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 7.916  | 93   | 108993   | 22.97 | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 8.440  | 146  | 126770   | 20.24 | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 8.581  | 146  | 128613   | 20.30 | ng    | # 94     |
| 14) 1,2-Dichlorobenzene       | 8.916  | 146  | 122361   | 20.12 | ng    | # 93     |
| 15) Benzyl Alcohol            | 8.769  | 79   | 112715   | 27.05 | ng    | # 81     |
| 16) 2,2'-oxybis(1-Chloropr... | 9.069  | 45   | 110796   | 32.11 | ng    | 97       |
| 17) 2-Methylphenol            | 8.987  | 107  | 91520    | 21.13 | ng    | # 90     |
| 18) Hexachloroethane          | 9.669  | 117  | 48954    | 20.73 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 9.340  | 70   | 93950    | 27.97 | ng    | # 87     |
| 20) 3+4-Methylphenols         | 9.310  | 107  | 122561   | 21.27 | ng    | 90       |
| 22) Acetophenone              | 9.363  | 105  | 179133   | 23.81 | ng    | # 89     |
| 24) Nitrobenzene              | 9.752  | 77   | 127049   | 24.35 | ng    | # 76     |
| 25) Isophorone                | 10.275 | 82   | 245789   | 25.72 | ng    | # 87     |
| 26) 2-Nitrophenol             | 10.481 | 139  | 37306    | 13.09 | ng    | # 68     |
| 27) 2,4-Dimethylphenol        | 10.534 | 122  | 80493    | 19.98 | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 10.746 | 93   | 150131   | 23.60 | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 11.028 | 162  | 98192    | 19.50 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 11.257 | 180  | 134042   | 22.44 | ng    | 98       |
| 31) Naphthalene               | 11.440 | 128  | 323121   | 19.97 | ng    | 99       |
| 32) Benzoic acid              | 10.628 | 122  | 33409    | 13.69 | ng    | # 78     |
| 33) 4-Chloroaniline           | 11.522 | 127  | 141564   | 20.59 | ng    | # 84     |
| 34) Hexachlorobutadiene       | 11.757 | 225  | 97490    | 23.91 | ng    | 97       |
| 35) Caprolactam               | 12.216 | 113  | 32076    | 19.09 | ng    | # 67     |
| 36) 4-Chloro-3-methylphenol   | 12.616 | 107  | 112834   | 20.78 | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 13.010 | 142  | 238257   | 20.33 | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 13.222 | 142  | 225340   | 20.25 | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 13.381 | 216  | 154676   | 22.64 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.375 | 237  | 84649    | 50.37 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.598 | 196  | 83098    | 18.81 | ng    | 98       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.669 | 196  | 90105    | 19.83 | ng    | # 94     |
| 46) 1,1'-Biphenyl             | 13.987 | 154  | 319514   | 20.53 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 14.034 | 162  | 265689   | 20.61 | ng    | 99       |
| 48) 2-Nitroaniline            | 14.204 | 65   | 62377    | 19.12 | ng    | # 58     |
| 49) Acenaphthylene            | 14.869 | 152  | 387335   | 19.67 | ng    | 100      |
| 50) Dimethylphthalate         | 14.563 | 163  | 336794   | 20.21 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.681 | 165  | 60840    | 17.03 | ng    | # 63     |
| 52) Acenaphthene              | 15.210 | 154  | 251913   | 21.02 | ng    | 94       |
| 53) 3-Nitroaniline            | 15.010 | 138  | 61616    | 15.92 | ng    | # 59     |
| 54) 2,4-Dinitrophenol         | 15.210 | 184  | 19558    | 14.76 | ng    | # 1      |
| 55) Dibenzofuran              | 15.534 | 168  | 395094   | 20.65 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.304 | 139  | 42780    | 18.08 | ng    | # 45     |
| 57) 2,4-Dinitrotoluene        | 15.463 | 165  | 77052    | 15.55 | ng    | # 63     |
| 58) Fluorene                  | 16.181 | 166  | 316913   | 20.97 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.763 | 232  | 84340    | 19.74 | ng    | 92       |
| 60) Diethylphthalate          | 15.910 | 149  | 333328   | 19.61 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 16.157 | 204  | 188600   | 22.87 | ng    | 96       |
| 62) 4-Nitroaniline            | 16.157 | 138  | 66741    | 16.25 | ng    | # 51     |
| 63) Azobenzene                | 16.445 | 77   | 321424   | 24.80 | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 16.234 | 198  | 29921    | 12.07 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.357 | 169  | 274361   | 19.89 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 17.045 | 248  | 121522   | 21.41 | ng    | 95       |
| 68) Hexachlorobenzene         | 17.210 | 284  | 136964   | 20.31 | ng    | 95       |
| 69) Atrazine                  | 17.281 | 200  | 109996   | 20.33 | ng    | 96       |
| 70) Pentachlorophenol         | 17.528 | 266  | 58176    | 23.85 | ng    | 98       |
| 71) Phenanthrene              | 17.904 | 178  | 518239   | 20.28 | ng    | 99       |
| 72) Anthracene                | 17.992 | 178  | 502295   | 19.95 | ng    | 99       |
| 73) Carbazole                 | 18.239 | 167  | 453463   | 18.96 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.745 | 149  | 549032   | 17.95 | ng    | # 98     |
| 75) Fluoranthene              | 19.822 | 202  | 642020   | 19.98 | ng    | 97       |
| 77) Benzidine                 | 19.957 | 184  | 236772   | 15.30 | ng    | 99       |
| 78) Pyrene                    | 20.169 | 202  | 650006   | 20.89 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.969 | 149  | 223386   | 15.69 | ng    | # 77     |
| 81) Benzo(a)anthracene        | 21.863 | 228  | 657606   | 20.38 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.763 | 252  | 233492   | 18.73 | ng    | 99       |
| 83) Chrysene                  | 21.916 | 228  | 623832   | 20.13 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.727 | 149  | 339442   | 16.93 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.692 | 149  | 549515   | 15.00 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.157 | 276  | 728071   | 19.57 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.668 | 252  | 676009   | 21.81 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.721 | 252  | 617434   | 20.78 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 24.345 | 252  | 601538   | 20.58 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 27.157 | 278  | 608783   | 19.83 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.992 | 276  | 576091   | 18.79 | ng    | # 91     |

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

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