

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091520\  
 Data File : BP003289.D  
 Acq On : 15 Sep 2020 14:44  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Quant Time: Sep 15 16:28:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 16:17:32 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.622  | 152  | 80768    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.404 | 136  | 313018   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.269 | 164  | 209000   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.028 | 188  | 471090   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.127 | 240  | 538657   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.351 | 264  | 594560   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.240  | 112  | 186561   | 40.84 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.822  | 99   | 251196   | 43.86 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.775  | 82   | 214423   | 49.38 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.769 | 330  | 128629   | 45.51 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.887 | 172  | 580532   | 40.68 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.604 | 244  | 1068141  | 43.63 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.164  | 88   | 36888    | 21.12 | ng    | 98       |
| 3) Pyridine                   | 3.552  | 79   | 100656   | 21.90 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.464  | 42   | 29825    | 24.85 | ng    | 86       |
| 6) Aniline                    | 6.952  | 93   | 143405   | 23.00 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.199  | 128  | 104575   | 20.53 | ng    | 94       |
| 9) Benzaldehyde               | 6.769  | 77   | 71165    | 26.65 | ng    | 91       |
| 10) Phenol                    | 6.846  | 94   | 118503   | 22.33 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 7.057  | 93   | 93112    | 22.17 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.516  | 146  | 124555   | 20.11 | ng    | # 96     |
| 13) 1,4-Dichlorobenzene       | 7.657  | 146  | 126661   | 20.26 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.975  | 146  | 121170   | 20.44 | ng    | 96       |
| 15) Benzyl Alcohol            | 7.869  | 79   | 81764    | 25.34 | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.157  | 45   | 68773    | 19.32 | ng    | 88       |
| 17) 2-Methylphenol            | 8.087  | 107  | 85322    | 22.57 | ng    | 96       |
| 18) Hexachloroethane          | 8.699  | 117  | 46323    | 22.65 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.428  | 70   | 69180    | 26.74 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.416  | 107  | 115816   | 22.74 | ng    | 94       |
| 22) Acetophenone              | 8.440  | 105  | 156385   | 22.43 | ng    | # 95     |
| 24) Nitrobenzene              | 8.816  | 77   | 106651   | 25.01 | ng    | 88       |
| 25) Isophorone                | 9.340  | 82   | 197321   | 25.76 | ng    | 95       |
| 26) 2-Nitrophenol             | 9.528  | 139  | 57859    | 22.76 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.604  | 122  | 82264    | 21.53 | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 9.828  | 93   | 132385   | 23.20 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.075 | 162  | 103179   | 21.76 | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.275 | 180  | 122601   | 21.72 | ng    | 99       |
| 31) Naphthalene               | 10.451 | 128  | 334326   | 20.79 | ng    | 99       |
| 32) Benzoic acid              | 9.746  | 122  | 35460    | 14.29 | ng    | 88       |
| 33) 4-Chloroaniline           | 10.575 | 127  | 142819   | 21.25 | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.751 | 225  | 84080    | 24.82 | ng    | 98       |
| 35) Caprolactam               | 11.328 | 113  | 33824    | 23.74 | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 11.722 | 107  | 111792   | 25.26 | ng    | 88       |
| 37) 2-Methylnaphthalene       | 12.075 | 142  | 242794   | 21.10 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.298 | 142  | 230292   | 21.06 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.457 | 216  | 137414   | 22.18 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.440 | 237  | 22553    | 7.70  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.704 | 196  | 87006    | 21.36 | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.792 | 196  | 91460    | 21.23 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.098 | 154  | 312920   | 19.96 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.140 | 162  | 260678   | 20.31 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.345 | 65   | 66166    | 27.54 | ng    | # 75     |
| 49) Acenaphthylene            | 13.987 | 152  | 401300   | 20.68 | ng    | 99       |
| 50) Dimethylphthalate         | 13.734 | 163  | 337988   | 21.21 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.851 | 165  | 71402    | 21.56 | ng    | # 86     |
| 52) Acenaphthene              | 14.334 | 154  | 244768   | 20.53 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.181 | 138  | 78372    | 20.88 | ng    | # 82     |
| 54) 2,4-Dinitrophenol         | 14.410 | 184  | 21569    | 14.58 | ng    | # 93     |
| 55) Dibenzofuran              | 14.675 | 168  | 390664   | 20.87 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.534 | 139  | 42631    | 15.79 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 14.651 | 165  | 100843   | 22.64 | ng    | # 84     |
| 58) Fluorene                  | 15.328 | 166  | 309793   | 21.48 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.916 | 232  | 84902    | 21.78 | ng    | 97       |
| 60) Diethylphthalate          | 15.104 | 149  | 346987   | 22.19 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.322 | 204  | 168365   | 22.61 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.351 | 138  | 83908    | 21.75 | ng    | # 76     |
| 63) Azobenzene                | 15.616 | 77   | 267945   | 25.82 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 198  | 45074    | 20.01 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.539 | 169  | 281551   | 20.44 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.222 | 248  | 115374   | 22.19 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.345 | 284  | 136677   | 22.08 | ng    | 97       |
| 69) Atrazine                  | 16.498 | 200  | 110410   | 23.77 | ng    | 98       |
| 70) Pentachlorophenol         | 16.698 | 266  | 41736    | 14.10 | ng    | 96       |
| 71) Phenanthrene              | 17.069 | 178  | 523443   | 20.51 | ng    | 99       |
| 72) Anthracene                | 17.163 | 178  | 516782   | 21.15 | ng    | 99       |
| 73) Carbazole                 | 17.439 | 167  | 490130   | 20.90 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.004 | 149  | 629084   | 22.82 | ng    | 99       |
| 75) Fluoranthene              | 19.051 | 202  | 658316   | 22.31 | ng    | 99       |
| 77) Benzidine                 | 19.233 | 184  | 335912   | 27.29 | ng    | 99       |
| 78) Pyrene                    | 19.404 | 202  | 680757   | 19.47 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.280 | 149  | 312067   | 21.68 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.110 | 228  | 703004   | 20.84 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.045 | 252  | 280136   | 22.57 | ng    | 98       |
| 83) Chrysene                  | 21.163 | 228  | 691654   | 21.41 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.051 | 149  | 453676   | 21.82 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 21.916 | 149  | 809070   | 22.70 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.609 | 276  | 908572   | 20.49 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.680 | 252  | 768110   | 20.79 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.727 | 252  | 721746   | 20.44 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.251 | 252  | 708816   | 20.68 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.621 | 278  | 752588   | 20.66 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.304 | 276  | 737984   | 20.19 | ng    | 97       |

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

