

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072221\  
 Data File : BP006275.D  
 Acq On : 22 Jul 2021 11:37  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Quant Time: Jul 22 12:51:41 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 12:49:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152  | 255700   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.581 | 136  | 1001591  | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.422 | 164  | 566309   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 1120674  | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.274 | 240  | 1146439  | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.621 | 264  | 1214273  | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 664932   | 43.32 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.969  | 99   | 907217   | 43.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.952  | 82   | 781345   | 46.98 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.916 | 330  | 200170   | 34.34 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 1607680  | 43.21 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.751 | 244  | 2351840  | 41.04 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 141796   | 22.09 | ng    | 91       |
| 3) Pyridine                   | 3.734  | 79   | 399328   | 22.35 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 137632   | 22.72 | ng    | # 79     |
| 6) Aniline                    | 7.134  | 93   | 488299   | 21.02 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.363  | 128  | 360049   | 21.25 | ng    | 94       |
| 9) Benzaldehyde               | 6.946  | 77   | 278583   | 23.06 | ng    | 94       |
| 10) Phenol                    | 6.999  | 94   | 451556   | 21.69 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.234  | 93   | 346974   | 21.52 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.687  | 146  | 387211   | 20.86 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.834  | 146  | 392844   | 20.87 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.146  | 146  | 375234   | 20.81 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 317970   | 21.05 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 382606   | 23.55 | ng    | 93       |
| 17) 2-Methylphenol            | 8.240  | 107  | 287072   | 20.79 | ng    | 98       |
| 18) Hexachloroethane          | 8.869  | 117  | 141210   | 21.10 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.610  | 70   | 276191   | 21.49 | ng    | 92       |
| 20) 3+4-Methylphenols         | 8.569  | 107  | 385866   | 20.75 | ng    | 98       |
| 22) Acetophenone              | 8.622  | 105  | 514818   | 21.30 | ng    | # 98     |
| 24) Nitrobenzene              | 8.993  | 77   | 411825   | 23.29 | ng    | 93       |
| 25) Isophorone                | 9.522  | 82   | 701277   | 20.67 | ng    | 95       |
| 26) 2-Nitrophenol             | 9.704  | 139  | 146845   | 22.11 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.769  | 122  | 282551   | 21.05 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.010 | 93   | 409877   | 21.40 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.228 | 162  | 283665   | 20.47 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.446 | 180  | 319102   | 20.36 | ng    | 98       |
| 31) Naphthalene               | 10.634 | 128  | 1108494  | 21.09 | ng    | 99       |
| 32) Benzoic acid              | 9.863  | 122  | 171067   | 20.53 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.746 | 127  | 434045   | 20.28 | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 186737   | 20.10 | ng    | 100      |
| 35) Caprolactam               | 11.528 | 113  | 87772    | 21.04 | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 11.869 | 107  | 339092   | 21.02 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.245 | 142  | 748004   | 20.37 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.463 | 142  | 707672   | 20.38 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216  | 319477   | 20.83 | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.593 | 237  | 171968   | 20.48 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.857 | 196  | 207138   | 21.53 | ng    | 97       |

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| 44) 2,4,5-Trichlorophenol     | 12.922 | 196  | 229072   | 22.16 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 894021   | 21.42 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.298 | 162  | 686718   | 21.37 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 187132   | 24.78 | ng    | 93       |
| 49) Acenaphthylene            | 14.145 | 152  | 1084874  | 21.20 | ng    | 99       |
| 50) Dimethylphthalate         | 13.892 | 163  | 834053   | 20.99 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 176881   | 22.68 | ng    | 87       |
| 52) Acenaphthene              | 14.487 | 154  | 669201   | 21.16 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.334 | 138  | 187627   | 22.71 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.534 | 184  | 78457    | 23.72 | ng    | # 92     |
| 55) Dibenzofuran              | 14.822 | 168  | 1055833  | 21.14 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.634 | 139  | 157862   | 21.53 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 226641   | 22.52 | ng    | 92       |
| 58) Fluorene                  | 15.475 | 166  | 833218   | 20.83 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232  | 187311   | 20.93 | ng    | # 78     |
| 60) Diethylphthalate          | 15.263 | 149  | 854626   | 20.84 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.475 | 204  | 389853   | 20.61 | ng    | 92       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 195081   | 22.60 | ng    | 85       |
| 63) Azobenzene                | 15.769 | 77   | 919450   | 22.26 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198  | 114538   | 21.97 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 15.692 | 169  | 730146   | 21.23 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.375 | 248  | 197860   | 17.52 | ng    | 91       |
| 68) Hexachlorobenzene         | 16.475 | 284  | 256407   | 19.80 | ng    | 94       |
| 69) Atrazine                  | 16.651 | 200  | 229555   | 20.44 | ng    | 95       |
| 70) Pentachlorophenol         | 16.822 | 266  | 149297   | 20.59 | ng    | 98       |
| 71) Phenanthrene              | 17.216 | 178  | 1294756  | 21.09 | ng    | 99       |
| 72) Anthracene                | 17.310 | 178  | 1256982  | 20.99 | ng    | 100      |
| 73) Carbazole                 | 17.581 | 167  | 1269984  | 21.16 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.157 | 149  | 1408537  | 20.56 | ng    | 99       |
| 75) Fluoranthene              | 19.192 | 202  | 1464401  | 20.79 | ng    | 94       |
| 77) Benzidine                 | 19.380 | 184  | 538968   | 16.15 | ng    | 99       |
| 78) Pyrene                    | 19.545 | 202  | 1538389  | 20.32 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 628825   | 19.61 | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.257 | 228  | 1544308  | 20.99 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.198 | 252  | 396343   | 19.46 | ng    | # 96     |
| 83) Chrysene                  | 21.310 | 228  | 1488340  | 20.90 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.210 | 149  | 985686   | 20.39 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.121 | 149  | 1649974  | 20.35 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.057 | 276  | 1822892  | 21.19 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 22.910 | 252  | 1618226  | 20.65 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.957 | 252  | 1515443  | 20.77 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.515 | 252  | 1436964  | 20.44 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 26.080 | 278  | 1568959  | 21.08 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 26.804 | 276  | 1510738  | 20.86 | ng    | # 90     |

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

