

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102720\  
 Data File : BG047083.D  
 Acq On : 26 Oct 2020 21:24  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG102720

Quant Time: Oct 27 03:10:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 27 02:55:38 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.061  | 152  | 60085    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.870 | 136  | 242180   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.689 | 164  | 174103   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.433 | 188  | 426573   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.704 | 240  | 439395   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.936 | 264  | 444055   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.611  | 112  | 251640   | 74.24 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.210  | 99   | 377606   | 77.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.225  | 82   | 358612   | 70.91 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.175 | 330  | 198367   | 71.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.314 | 172  | 873897   | 70.97 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.036 | 244  | 1644756  | 72.79 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.508  | 88   | 54269    | 35.43 | ng    | # 92     |
| 3) Pyridine                   | 3.902  | 79   | 164339   | 39.54 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.813  | 42   | 82285    | 37.37 | ng    | # 65     |
| 6) Aniline                    | 7.380  | 93   | 216470   | 37.37 | ng    | 90       |
| 8) 2-Chlorophenol             | 7.621  | 128  | 132832   | 36.86 | ng    | 93       |
| 9) Benzaldehyde               | 7.192  | 77   | 96957    | 39.25 | ng    | 95       |
| 10) Phenol                    | 7.239  | 94   | 174525   | 37.70 | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 7.474  | 93   | 137677   | 37.80 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.950  | 146  | 169069   | 36.82 | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 8.091  | 146  | 172876   | 37.29 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.414  | 146  | 160376   | 36.49 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.291  | 79   | 150088   | 39.28 | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.579  | 45   | 210870   | 36.58 | ng    | 98       |
| 17) 2-Methylphenol            | 8.490  | 107  | 119178   | 37.46 | ng    | # 89     |
| 18) Hexachloroethane          | 9.143  | 117  | 64136    | 36.93 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.861  | 70   | 124999   | 37.44 | ng    | 92       |
| 20) 3+4-Methylphenols         | 8.819  | 107  | 164371   | 38.30 | ng    | 90       |
| 22) Acetophenone              | 8.878  | 105  | 226713   | 34.75 | ng    | # 90     |
| 24) Nitrobenzene              | 9.266  | 77   | 186791   | 35.58 | ng    | # 87     |
| 25) Isophorone                | 9.783  | 82   | 325895   | 36.03 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.977  | 139  | 85895    | 37.69 | ng    | # 80     |
| 27) 2,4-Dimethylphenol        | 10.030 | 122  | 112022   | 36.00 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 10.265 | 93   | 193825   | 34.70 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.512 | 162  | 156123   | 36.44 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.729 | 180  | 186540   | 35.33 | ng    | 97       |
| 31) Naphthalene               | 10.917 | 128  | 452349   | 35.71 | ng    | 98       |
| 32) Benzoic acid              | 10.159 | 122  | 97165    | 37.02 | ng    | # 89     |
| 33) 4-Chloroaniline           | 11.023 | 127  | 200934   | 36.48 | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.205 | 225  | 139478   | 35.23 | ng    | 98       |
| 35) Caprolactam               | 11.792 | 113  | 52369    | 36.71 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 12.139 | 107  | 164348   | 36.96 | ng    | 88       |
| 37) 2-Methylnaphthalene       | 12.521 | 142  | 348836   | 35.47 | ng    | # 95     |
| 38) 1-Methylnaphthalene       | 12.738 | 142  | 328676   | 35.26 | ng    | # 97     |
| 40) 1,2,4,5-Tetrachloroben... | 12.885 | 216  | 227489   | 35.77 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.868 | 237  | 130647   | 37.60 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.120 | 196  | 151187   | 36.47 | ng    | 93       |

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| 44) 2,4,5-Trichlorophenol     | 13.191 | 196  | 156973   | 37.26 | ng    | #        | 94 |
| 46) 1,1'-Biphenyl             | 13.520 | 154  | 471684   | 35.79 | ng    |          | 97 |
| 47) 2-Chloronaphthalene       | 13.567 | 162  | 387044   | 35.67 | ng    |          | 98 |
| 48) 2-Nitroaniline            | 13.767 | 65   | 134290   | 37.97 | ng    | #        | 75 |
| 49) Acenaphthylene            | 14.413 | 152  | 556037   | 35.30 | ng    |          | 98 |
| 50) Dimethylphthalate         | 14.137 | 163  | 505223   | 35.23 | ng    |          | 98 |
| 51) 2,6-Dinitrotoluene        | 14.260 | 165  | 109415   | 36.58 | ng    | #        | 75 |
| 52) Acenaphthene              | 14.754 | 154  | 371140   | 36.10 | ng    |          | 95 |
| 53) 3-Nitroaniline            | 14.589 | 138  | 106421   | 35.80 | ng    | #        | 77 |
| 54) 2,4-Dinitrophenol         | 14.795 | 184  | 72723    | 36.84 | ng    | #        | 74 |
| 55) Dibenzofuran              | 15.089 | 168  | 587016   | 35.56 | ng    |          | 97 |
| 56) 4-Nitrophenol             | 14.889 | 139  | 89302    | 38.40 | ng    | #        | 67 |
| 57) 2,4-Dinitrotoluene        | 15.041 | 165  | 154760   | 36.02 | ng    | #        | 79 |
| 58) Fluorene                  | 15.735 | 166  | 468162   | 35.14 | ng    |          | 94 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.312 | 232  | 161843   | 36.18 | ng    | #        | 96 |
| 60) Diethylphthalate          | 15.500 | 149  | 504619   | 35.30 | ng    |          | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.723 | 204  | 279362   | 35.15 | ng    |          | 97 |
| 62) 4-Nitroaniline            | 15.752 | 138  | 118377   | 37.09 | ng    | #        | 67 |
| 63) Azobenzene                | 16.017 | 77   | 449298   | 35.38 | ng    |          | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.805 | 198  | 100435   | 38.27 | ng    |          | 86 |
| 66) n-Nitrosodiphenylamine    | 15.940 | 169  | 427098   | 34.90 | ng    |          | 98 |
| 67) 4-Bromophenyl-phenylether | 16.616 | 248  | 196741   | 35.05 | ng    |          | 94 |
| 68) Hexachlorobenzene         | 16.740 | 284  | 207643   | 35.08 | ng    |          | 97 |
| 69) Atrazine                  | 16.881 | 200  | 180558   | 35.84 | ng    |          | 96 |
| 70) Pentachlorophenol         | 17.080 | 266  | 127262   | 36.89 | ng    |          | 94 |
| 71) Phenanthrene              | 17.474 | 178  | 798985   | 35.07 | ng    |          | 97 |
| 72) Anthracene                | 17.568 | 178  | 780911   | 34.98 | ng    |          | 98 |
| 73) Carbazole                 | 17.832 | 167  | 699337   | 35.23 | ng    |          | 99 |
| 74) Di-n-butylphthalate       | 18.385 | 149  | 871774   | 35.52 | ng    | #        | 98 |
| 75) Fluoranthene              | 19.483 | 202  | 1031299  | 35.21 | ng    |          | 96 |
| 77) Benzidine                 | 19.660 | 184  | 386514   | 38.50 | ng    |          | 98 |
| 78) Pyrene                    | 19.842 | 202  | 1019897  | 36.41 | ng    |          | 98 |
| 80) Butylbenzylphthalate      | 20.723 | 149  | 400280   | 37.29 | ng    |          | 91 |
| 81) Benzo(a)anthracene        | 21.681 | 228  | 1039008  | 36.09 | ng    |          | 98 |
| 82) 3,3'-Dichlorobenzidine    | 21.593 | 252  | 392391   | 37.59 | ng    |          | 97 |
| 83) Chrysene                  | 21.751 | 228  | 994532   | 36.28 | ng    |          | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.581 | 149  | 557444   | 36.84 | ng    |          | 95 |
| 85) Di-n-octyl phthalate      | 22.797 | 149  | 930222   | 36.58 | ng    |          | 96 |
| 87) Indeno(1,2,3-cd)pyrene    | 28.620 | 276  | 1176650  | 36.29 | ng    | #        | 85 |
| 88) Benzo(b)fluoranthene      | 23.908 | 252  | 1065723  | 36.73 | ng    | #        | 98 |
| 89) Benzo(k)fluoranthene      | 23.978 | 252  | 1010124  | 35.84 | ng    | #        | 96 |
| 90) Benzo(a)pyrene            | 24.783 | 252  | 982549   | 36.23 | ng    | #        | 97 |
| 91) Dibenzo(a,h)anthracene    | 28.690 | 278  | 949032   | 36.04 | ng    | #        | 94 |
| 92) Benzo(g,h,i)perylene      | 29.783 | 276  | 939317   | 35.89 | ng    | #        | 93 |

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

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