

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120920\  
 Data File : BF122615.D  
 Acq On : 9 Dec 2020 17:22  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 12/10/2020 2:43:07 PM

Quant Time: Dec 10 02:48:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.840  | 152  | 186187   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 660184   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 333579   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 579933   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 427942   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 401689   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 930611   | 79.13 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.475  | 99   | 1159546  | 74.34 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 944273   | 71.66 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 325270   | 74.49 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1671376  | 67.77 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1766732  | 72.27 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.587  | 88   | 202752   | 36.68 | ng    | 99       |
| 3) Pyridine                   | 3.328  | 79   | 536251   | 36.70 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.287  | 42   | 215337   | 36.75 | ng    | 99       |
| 6) Aniline                    | 6.504  | 93   | 737594   | 40.17 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 491774   | 37.94 | ng    | 99       |
| 9) Benzaldehyde               | 6.393  | 77   | 362372   | 38.38 | ng    | 99       |
| 10) Phenol                    | 6.493  | 94   | 614020   | 37.99 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 461730   | 37.40 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 555323   | 36.21 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 555767   | 35.94 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 513426   | 34.39 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 400181   | 37.26 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 605501   | 34.39 | ng    | 99       |
| 17) 2-Methylphenol            | 7.098  | 107  | 390159   | 37.86 | ng    | 99       |
| 18) Hexachloroethane          | 7.357  | 117  | 196083   | 35.58 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 317395   | 35.53 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 458228   | 35.20 | ng    | 93       |
| 22) Acetophenone              | 7.251  | 105  | 612593   | 37.32 | ng    | # 95     |
| 24) Nitrobenzene              | 7.428  | 77   | 492101   | 37.54 | ng    | 99       |
| 25) Isophorone                | 7.669  | 82   | 863847   | 38.06 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 253844   | 39.71 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 414081   | 44.19 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 553437   | 35.61 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.987  | 162  | 406849   | 37.18 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 442380   | 35.68 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 1351986  | 37.11 | ng    | 100      |
| 32) Benzoic acid              | 7.904  | 122  | 244550   | 32.75 | ng    | 100      |
| 33) 4-Chloroaniline           | 8.198  | 127  | 573207   | 37.64 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 266256   | 34.89 | ng    | 98       |
| 35) Caprolactam               | 8.569  | 113  | 119161   | 36.15 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.681  | 107  | 407016   | 37.76 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 892192   | 37.02 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 825916   | 36.23 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 435471   | 39.41 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 223221   | 45.69 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 281739   | 36.92 | ng    | 100      |

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| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 301257   | 38.19 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1062064  | 38.36 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 839568   | 36.60 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 236606   | 35.38 | ng    | 93       |
| 49) Acenaphthylene            | 9.745  | 152  | 1281987  | 37.84 | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 952123   | 35.74 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 215348   | 38.27 | ng    | 90       |
| 52) Acenaphthene              | 9.916  | 154  | 804626m  | 36.71 | ng    |          |
| 53) 3-Nitroaniline            | 9.833  | 138  | 225119   | 34.63 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 98545    | 35.82 | ng    | 98       |
| 55) Dibenzofuran              | 10.086 | 168  | 1151499  | 37.35 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.992  | 139  | 165940   | 35.79 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 277333   | 37.00 | ng    | 95       |
| 58) Fluorene                  | 10.428 | 166  | 875911   | 35.72 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 246852   | 35.62 | ng    | 99       |
| 60) Diethylphthalate          | 10.298 | 149  | 906924   | 35.00 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 426554   | 35.33 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 223647   | 33.89 | ng    | 97       |
| 63) Azobenzene                | 10.580 | 77   | 863690   | 36.26 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 142216   | 40.22 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 780738   | 38.10 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 285732   | 36.36 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 311759   | 35.89 | ng    | 93       |
| 69) Atrazine                  | 11.063 | 200  | 234930   | 35.30 | ng    | 98       |
| 70) Pentachlorophenol         | 11.175 | 266  | 173229   | 37.64 | ng    | 98       |
| 71) Phenanthrene              | 11.392 | 178  | 1275243  | 37.00 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1315004  | 38.48 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 1153463  | 37.21 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1325740  | 34.04 | ng    | 99       |
| 75) Fluoranthene              | 12.580 | 202  | 1274340  | 35.26 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 424745   | 45.89 | ng    | 100      |
| 78) Pyrene                    | 12.810 | 202  | 1276770  | 38.59 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 524670   | 35.20 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1049387  | 36.69 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 418132   | 40.82 | ng    | 98       |
| 83) Chrysene                  | 14.033 | 228  | 1062124  | 37.32 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 703722   | 34.48 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1129433  | 33.36 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 1064050  | 40.36 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 1013419  | 35.96 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 981935   | 38.11 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 897258   | 36.39 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 866869   | 40.17 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 889633   | 42.60 | ng    | 99       |

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

