

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062121\  
 Data File : BP005988.D  
 Acq On : 21 Jun 2021 11:25  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/22/2021 10:15:25 AM

Quant Time: Jun 21 13:18:17 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 11:35:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 80695    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 313448   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 198986   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 410320   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.375 | 240  | 467569   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 516794   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 444218   | 88.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.099  | 99   | 585209   | 89.78 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.093  | 82   | 524086   | 81.97 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 300569   | 88.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 1242871  | 82.02 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 2134269  | 85.47 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 89792    | 39.52 | ng    | 98       |
| 3) Pyridine                   | 3.781  | 79   | 249295   | 46.69 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.687  | 42   | 95660    | 38.54 | ng    | 87       |
| 6) Aniline                    | 7.252  | 93   | 328907   | 45.20 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.493  | 128  | 259941   | 45.08 | ng    | 97       |
| 9) Benzaldehyde               | 7.069  | 77   | 133541   | 48.06 | ng    | 98       |
| 10) Phenol                    | 7.128  | 94   | 292691   | 44.95 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.352  | 93   | 226024   | 45.81 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.811  | 146  | 288559   | 44.76 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.963  | 146  | 290578   | 44.19 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 278102   | 44.25 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.175  | 79   | 211686   | 43.12 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 198474   | 43.51 | ng    | 99       |
| 17) 2-Methylphenol            | 8.375  | 107  | 203902   | 45.96 | ng    | 98       |
| 18) Hexachloroethane          | 9.005  | 117  | 104440   | 43.91 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 179604   | 44.79 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.705  | 107  | 275979   | 46.05 | ng    | 97       |
| 22) Acetophenone              | 8.752  | 105  | 352136   | 42.68 | ng    | # 98     |
| 24) Nitrobenzene              | 9.134  | 77   | 269382   | 40.58 | ng    | 98       |
| 25) Isophorone                | 9.663  | 82   | 495810   | 41.99 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.846  | 139  | 139061   | 43.90 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 199122   | 42.19 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.140 | 93   | 266728   | 43.29 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 237610   | 41.90 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 266353   | 41.80 | ng    | 99       |
| 31) Naphthalene               | 10.781 | 128  | 771116   | 42.52 | ng    | 99       |
| 32) Benzoic acid              | 10.087 | 122  | 131139   | 38.53 | ng    | 95       |
| 33) 4-Chloroaniline           | 10.893 | 127  | 314479   | 42.92 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 178781   | 41.48 | ng    | 98       |
| 35) Caprolactam               | 11.704 | 113  | 72483    | 44.37 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.022 | 107  | 246903   | 42.88 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.387 | 142  | 545834   | 42.27 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.604 | 142  | 520927   | 42.83 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 285492   | 40.76 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.734 | 237  | 110408   | 34.72 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.999 | 196  | 194329   | 40.45 | ng    | 96       |

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| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 209274   | 40.45 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 659101   | 41.08 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 538572   | 41.11 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.646 | 65   | 144034   | 41.81 | ng    | 95       |
| 49) Acenaphthylene            | 14.275 | 152  | 843607   | 41.97 | ng    | 100      |
| 50) Dimethylphthalate         | 14.016 | 163  | 676335   | 41.34 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 154686   | 41.60 | ng    | 95       |
| 52) Acenaphthene              | 14.616 | 154  | 506364   | 41.48 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 153537   | 42.60 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 85707    | 41.25 | ng    | 99       |
| 55) Dibenzofuran              | 14.951 | 168  | 819580   | 40.83 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.787 | 139  | 113165   | 38.74 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.928 | 165  | 210880   | 42.40 | ng    | 96       |
| 58) Fluorene                  | 15.604 | 166  | 651784   | 41.67 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.181 | 232  | 186019m  | 40.79 | ng    |          |
| 60) Diethylphthalate          | 15.375 | 149  | 672773   | 40.99 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 333409   | 41.11 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.628 | 138  | 161717   | 43.59 | ng    | 92       |
| 63) Azobenzene                | 15.887 | 77   | 603710   | 40.65 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.687 | 198  | 111627   | 37.02 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.810 | 169  | 572181   | 42.05 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.487 | 248  | 225655   | 42.85 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.604 | 284  | 266069   | 42.15 | ng    | 98       |
| 69) Atrazine                  | 16.763 | 200  | 151197   | 35.72 | ng    | 97       |
| 70) Pentachlorophenol         | 16.957 | 266  | 146718   | 41.80 | ng    | 99       |
| 71) Phenanthrene              | 17.345 | 178  | 1028334  | 41.73 | ng    | 99       |
| 72) Anthracene                | 17.434 | 178  | 1023189  | 42.19 | ng    | 100      |
| 73) Carbazole                 | 17.710 | 167  | 988324   | 42.45 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.251 | 149  | 1179392  | 43.72 | ng    | 99       |
| 75) Fluoranthene              | 19.304 | 202  | 1260869  | 42.13 | ng    | 98       |
| 77) Benzidine                 | 19.486 | 184  | 383115   | 39.38 | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1318207  | 40.38 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.522 | 149  | 571934   | 42.59 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.363 | 228  | 1381336  | 40.93 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.292 | 252  | 498913   | 42.76 | ng    | 98       |
| 83) Chrysene                  | 21.416 | 228  | 1359279  | 41.58 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 840351   | 42.67 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.198 | 149  | 1510885  | 42.88 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 1925312  | 43.57 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.051 | 252  | 1589977  | 44.92 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.098 | 252  | 1459489  | 42.52 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.680 | 252  | 1447290  | 43.49 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.339 | 278  | 1654347  | 43.49 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.104 | 276  | 1598843  | 42.55 | ng    | 98       |

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

