

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052721\  
 Data File : BP005628.D  
 Acq On : 27 May 2021 13:21  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

mohammad  
 5/28/2021 12:37:04 PM

Quant Time: May 27 14:04:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 13:31:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.993  | 152  | 166871   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.799 | 136  | 628506   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.610 | 164  | 390754   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 815711   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.427 | 240  | 907372   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.868 | 264  | 979089   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.546  | 112  | 1081387  | 124.37 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.146  | 99   | 1480203  | 136.52 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.152  | 82   | 1228805  | 76.95  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.098 | 330  | 543940   | 49.05  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.245 | 172  | 2960347  | 85.46  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 4883001  | 91.39  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.417  | 88   | 243809   | 63.71  | ng    | 89       |
| 3) Pyridine                   | 3.828  | 79   | 656253   | 85.24  | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.734  | 42   | 273932   | 44.24  | ng    | # 30     |
| 6) Aniline                    | 7.316  | 93   | 860076   | 73.50  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.552  | 128  | 601872   | 64.45  | ng    | 93       |
| 9) Benzaldehyde               | 7.122  | 77   | 315094   | 50.32  | ng    | 88       |
| 10) Phenol                    | 7.175  | 94   | 752557   | 69.40  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.410  | 93   | 572964   | 76.50  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.881  | 146  | 668740   | 53.82  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.028  | 146  | 683117   | 55.16  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.346  | 146  | 653029   | 55.02  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.228  | 79   | 538342   | 51.47  | ng    | # 83     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.522  | 45   | 646987   | 174.96 | ng    | 81       |
| 17) 2-Methylphenol            | 8.428  | 107  | 488991   | 65.65  | ng    | 95       |
| 18) Hexachloroethane          | 9.075  | 117  | 246000   | 47.95  | ng    | # 85     |
| 19) n-Nitroso-di-n-propyla... | 8.805  | 70   | 466469   | 58.75  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 653515   | 66.01  | ng    | 94       |
| 22) Acetophenone              | 8.816  | 105  | 847341   | 47.79  | ng    | # 98     |
| 24) Nitrobenzene              | 9.199  | 77   | 670145   | 41.84  | ng    | 93       |
| 25) Isophorone                | 9.728  | 82   | 1279587  | 51.75  | ng    | # 98     |
| 26) 2-Nitrophenol             | 9.910  | 139  | 242106   | 36.10  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 9.963  | 122  | 497317   | 56.02  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.204 | 93   | 685419   | 66.21  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.440 | 162  | 542813   | 38.93  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.663 | 180  | 613834   | 34.47  | ng    | 99       |
| 31) Naphthalene               | 10.851 | 128  | 1875686  | 55.50  | ng    | 98       |
| 32) Benzoic acid              | 10.099 | 122  | 267418   | 38.99  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.951 | 127  | 791338   | 60.12  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 11.140 | 225  | 386132   | 26.00  | ng    | 98       |
| 35) Caprolactam               | 11.746 | 113  | 164098   | 51.16  | ng    | # 62     |
| 36) 4-Chloro-3-methylphenol   | 12.069 | 107  | 571138   | 45.95  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.451 | 142  | 1335153  | 49.25  | ng    | # 87     |
| 38) 1-Methylnaphthalene       | 12.669 | 142  | 1262926  | 49.35  | ng    | # 95     |
| 40) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 663595   | 36.96  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.798 | 237  | 382275   | 62.58  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.051 | 196  | 419137   | 37.37  | ng    | 97       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.116 | 196  | 459070   | 37.93 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.451 | 154  | 1596050  | 53.05 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.493 | 162  | 1297308  | 51.79 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.693 | 65   | 311225   | 43.74 | ng    | # 78     |
| 49) Acenaphthylene            | 14.334 | 152  | 2049155  | 56.78 | ng    | 99       |
| 50) Dimethylphthalate         | 14.075 | 163  | 1585114  | 46.99 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.187 | 165  | 338238   | 44.66 | ng    | # 67     |
| 52) Acenaphthene              | 14.675 | 154  | 1336060m | 59.50 | ng    |          |
| 53) 3-Nitroaniline            | 14.510 | 138  | 349710   | 64.44 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.716 | 184  | 136750   | 29.93 | ng    | 94       |
| 55) Dibenzofuran              | 15.010 | 168  | 2016271  | 47.74 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.810 | 139  | 290745   | 70.97 | ng    | # 57     |
| 57) 2,4-Dinitrotoluene        | 14.969 | 165  | 437001   | 39.13 | ng    | # 68     |
| 58) Fluorene                  | 15.657 | 166  | 1612180  | 46.75 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.228 | 232  | 394548m  | 32.60 | ng    |          |
| 60) Diethylphthalate          | 15.434 | 149  | 1601079  | 49.00 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204  | 799479   | 37.05 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.675 | 138  | 369710   | 70.91 | ng    | # 47     |
| 63) Azobenzene                | 15.945 | 77   | 1677678  | 49.82 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 198  | 214669   | 33.21 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 15.863 | 169  | 1416029  | 59.48 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248  | 493068   | 38.72 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.663 | 284  | 593124   | 36.73 | ng    | # 93     |
| 69) Atrazine                  | 16.816 | 200  | 409300   | 36.81 | ng    | 96       |
| 70) Pentachlorophenol         | 17.004 | 266  | 324854   | 37.92 | ng    | 94       |
| 71) Phenanthrene              | 17.398 | 178  | 2557063  | 55.17 | ng    | 100      |
| 72) Anthracene                | 17.486 | 178  | 2566402  | 55.79 | ng    | 100      |
| 73) Carbazole                 | 17.757 | 167  | 2527402  | 62.39 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.304 | 149  | 2782537  | 62.58 | ng    | # 92     |
| 75) Fluoranthene              | 19.351 | 202  | 3143530  | 49.31 | ng    | 96       |
| 77) Benzidine                 | 19.528 | 184  | 951597   | 67.75 | ng    | 99       |
| 78) Pyrene                    | 19.704 | 202  | 3255186  | 63.37 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.575 | 149  | 1260379  | 75.94 | ng    | # 91     |
| 81) Benzo(a)anthracene        | 21.410 | 228  | 3357826  | 57.11 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 1127951  | 50.92 | ng    | # 96     |
| 83) Chrysene                  | 21.463 | 228  | 3261111  | 57.22 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 1931589  | 76.11 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.269 | 149  | 3282428  | 77.00 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.445 | 276  | 4281597  | 51.98 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 23.121 | 252  | 3562222  | 54.60 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 23.168 | 252  | 3456754  | 54.18 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.757 | 252  | 3311993  | 55.38 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 26.462 | 278  | 3715073  | 51.11 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.233 | 276  | 3554803  | 52.86 | ng    | # 91     |

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

