

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100721\  
 Data File : BF125765.D  
 Acq On : 7 Oct 2021 12:28  
 Operator : JU/CG  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

mohammad  
 10/11/2021 2:07:52 PM

Quant Time: Oct 07 15:24:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 07 15:23:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 259253   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 1048000  | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.881  | 164  | 553580   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 927572   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.992 | 240  | 498363   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 378733   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 200412   | 12.74 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 257020   | 12.15 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 190796   | 12.70 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 64640    | 12.52 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.00  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.00  | ng    |          |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 2.610  | 88   | 40584    | 6.06  | ng    | # 100    |
| 3) Pyridine                   | 3.363  | 79   | 96033    | 5.42  | ng    | # 70     |
| 4) n-Nitrosodimethylamine     | 3.287  | 42   | 37141    | 5.65  | ng    | # 1      |
| 6) Aniline                    | 6.498  | 93   | 140437   | 5.75  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 107959   | 6.05  | ng    | 98       |
| 10) Phenol                    | 6.469  | 94   | 122585   | 5.73  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 99255    | 5.97  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 118485m  | 6.01  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 122343   | 6.10  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 114012   | 6.03  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 81580    | 5.56  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 126975   | 6.00  | ng    | 89       |
| 17) 2-Methylphenol            | 7.087  | 107  | 84218    | 5.75  | ng    | 96       |
| 18) Hexachloroethane          | 7.357  | 117  | 39956    | 6.14  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 66533    | 5.52  | ng    | # 69     |
| 20) 3+4-Methylphenols         | 7.240  | 107  | 110674   | 6.01  | ng    | # 85     |
| 22) Acetophenone              | 7.245  | 105  | 149463   | 6.29  | ng    | # 90     |
| 24) Nitrobenzene              | 7.416  | 77   | 93067    | 6.09  | ng    | # 93     |
| 25) Isophorone                | 7.657  | 82   | 172368   | 5.12  | ng    | 95       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 36955    | 5.67  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 79720    | 5.33  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 125960   | 6.64  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 84305    | 5.67  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 100977   | 6.24  | ng    | 90       |
| 31) Naphthalene               | 8.145  | 128  | 320990   | 5.97  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.187  | 127  | 127459   | 5.65  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 54720    | 6.13  | ng    | 97       |
| 35) Caprolactam               | 8.516  | 113  | 24007    | 4.95  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 8.663  | 107  | 84527    | 5.43  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.834  | 142  | 202067   | 5.54  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.934  | 142  | 199914   | 5.80  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 91388    | 6.35  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 34953    | 5.74  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 61276    | 6.07  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 65210    | 5.98  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 256975   | 6.30  | ng    | 98       |

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|-------------------------------|--------|------|----------|------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 204520   | 6.05 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 39742    | 5.86 | ng    | 94       |
| 49) Acenaphthylene            | 9.739  | 152  | 302878   | 5.95 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 224877   | 6.03 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 38099    | 5.91 | ng    | 95       |
| 52) Acenaphthene              | 9.910  | 154  | 186937   | 5.86 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 46546    | 6.12 | ng    | 85       |
| 55) Dibenzofuran              | 10.081 | 168  | 290064   | 6.06 | ng    | 93       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 32619    | 4.75 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 46887    | 5.97 | ng    | # 90     |
| 58) Fluorene                  | 10.422 | 166  | 220521   | 5.92 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 49216    | 5.87 | ng    | # 88     |
| 60) Diethylphthalate          | 10.292 | 149  | 214175   | 5.96 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 105134   | 6.35 | ng    | 88       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 43944    | 5.67 | ng    | # 74     |
| 63) Azobenzene                | 10.575 | 77   | 203577   | 5.86 | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 16240    | 4.22 | ng    | # 79     |
| 66) n-Nitrosodiphenylamine    | 10.528 | 169  | 189768   | 5.96 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 59687    | 6.13 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 70857    | 6.20 | ng    | # 87     |
| 69) Atrazine                  | 11.051 | 200  | 54141    | 6.41 | ng    | 92       |
| 70) Pentachlorophenol         | 11.163 | 266  | 29164    | 4.83 | ng    | 90       |
| 71) Phenanthrene              | 11.380 | 178  | 315901   | 6.07 | ng    | 99       |
| 72) Anthracene                | 11.433 | 178  | 311462   | 6.06 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 291534   | 5.76 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.922 | 149  | 315914   | 6.19 | ng    | 98       |
| 75) Fluoranthene              | 12.569 | 202  | 296854   | 5.34 | ng    | 99       |
| 77) Benzidine                 | 12.686 | 184  | 126320   | 9.65 | ng    | 98       |
| 78) Pyrene                    | 12.798 | 202  | 297909   | 6.61 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 86962    | 5.83 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 191959   | 5.67 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 47379    | 4.85 | ng    | 96       |
| 83) Chrysene                  | 14.016 | 228  | 187337   | 5.51 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 89870    | 5.26 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 104168   | 4.16 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 163269   | 6.35 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 124930m  | 4.71 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 125110m  | 4.92 | ng    |          |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 103097   | 4.36 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 135419   | 6.30 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 136766   | 6.23 | ng    | 95       |

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

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Abundance

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Time-->