

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100721\  
 Data File : BF125766.D  
 Acq On : 7 Oct 2021 12:59  
 Operator : JU/CG  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Oct 07 15:24:58 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  | 230252   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 929523   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.880  | 164  | 491367   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 791616   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.992 | 240  | 365979   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 367090   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 322851   | 23.10 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 420755   | 22.39 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 321418   | 24.12 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 105101   | 22.94 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 741246   | 24.37 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 615505   | 29.12 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 66733    | 11.22 | ng    | # 100    |
| 3) Pyridine                   | 3.346  | 79   | 166284   | 10.57 | ng    | # 72     |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 58622    | 10.04 | ng    | # 1      |
| 6) Aniline                    | 6.498  | 93   | 231263   | 10.66 | ng    | 94       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 173002   | 10.91 | ng    | 96       |
| 9) Benzaldehyde               | 6.392  | 77   | 125581   | 12.87 | ng    | 93       |
| 10) Phenol                    | 6.475  | 94   | 202947   | 10.69 | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 160863   | 10.90 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.787  | 146  | 189765   | 10.84 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 192441   | 10.81 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 186295   | 11.09 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 132436   | 10.16 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 202665   | 10.79 | ng    | 89       |
| 17) 2-Methylphenol            | 7.087  | 107  | 134915   | 10.38 | ng    | 96       |
| 18) Hexachloroethane          | 7.357  | 117  | 66046    | 11.43 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 108153   | 10.11 | ng    | # 72     |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 180290   | 11.03 | ng    | 96       |
| 22) Acetophenone              | 7.245  | 105  | 233903   | 11.09 | ng    | # 92     |
| 24) Nitrobenzene              | 7.416  | 77   | 155317   | 11.46 | ng    | 92       |
| 25) Isophorone                | 7.657  | 82   | 286342   | 9.59  | ng    | # 92     |
| 26) 2-Nitrophenol             | 7.739  | 139  | 70286    | 12.16 | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 130474   | 9.83  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 200821   | 11.93 | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 140683   | 10.67 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 158511   | 11.04 | ng    | 97       |
| 31) Naphthalene               | 8.145  | 128  | 516684   | 10.83 | ng    | 98       |
| 32) Benzoic acid              | 7.839  | 122  | 64073    | 7.62  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 208099   | 10.39 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 87886    | 11.11 | ng    | 98       |
| 35) Caprolactam               | 8.528  | 113  | 39333    | 9.14  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.663  | 107  | 137268   | 9.94  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 331538   | 10.24 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 319821   | 10.45 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 147303   | 11.53 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 62439    | 11.55 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 101363   | 11.31 | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100721\  
 Data File : BF125766.D  
 Acq On : 7 Oct 2021 12:59  
 Operator : JU/CG  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Oct 07 15:24:58 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) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 108356   | 11.20 | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 413569   | 11.41 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 324351   | 10.81 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 70845    | 11.77 | ng    | 99       |
| 49) Acenaphthylene            | 9.739  | 152  | 481865   | 10.67 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 359717   | 10.87 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 67007    | 11.71 | ng    | 94       |
| 52) Acenaphthene              | 9.910  | 154  | 294889   | 10.42 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 78721    | 11.65 | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 18822    | 8.08  | ng    | # 76     |
| 55) Dibenzofuran              | 10.080 | 168  | 455080   | 10.71 | ng    | 95       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 55904    | 9.17  | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 81596    | 11.71 | ng    | # 90     |
| 58) Fluorene                  | 10.422 | 166  | 342171   | 10.35 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 83785    | 11.25 | ng    | # 87     |
| 60) Diethylphthalate          | 10.292 | 149  | 335002   | 10.50 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 165104   | 11.23 | ng    | 88       |
| 62) 4-Nitroaniline            | 10.428 | 138  | 71948    | 10.47 | ng    | # 73     |
| 63) Azobenzene                | 10.575 | 77   | 320414   | 10.40 | ng    | # 84     |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 31474    | 9.59  | ng    | # 82     |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 299069   | 11.01 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 96170    | 11.58 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 108221   | 11.10 | ng    | 92       |
| 69) Atrazine                  | 11.051 | 200  | 83697    | 11.62 | ng    | 96       |
| 70) Pentachlorophenol         | 11.163 | 266  | 50199    | 9.74  | ng    | 97       |
| 71) Phenanthrene              | 11.380 | 178  | 481028   | 10.84 | ng    | 98       |
| 72) Anthracene                | 11.433 | 178  | 481666   | 10.98 | ng    | 100      |
| 73) Carbazole                 | 11.586 | 167  | 440638   | 10.21 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.922 | 149  | 474601   | 10.90 | ng    | 98       |
| 75) Fluoranthene              | 12.569 | 202  | 425770   | 8.97  | ng    | 97       |
| 77) Benzidine                 | 12.686 | 184  | 138567   | 14.41 | ng    | 96       |
| 78) Pyrene                    | 12.798 | 202  | 431097   | 13.03 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 116823   | 10.67 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 255601   | 10.28 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 72778    | 10.15 | ng    | 98       |
| 83) Chrysene                  | 14.015 | 228  | 245694   | 9.85  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 122841   | 9.80  | ng    | # 100    |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 190814   | 10.38 | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 302313   | 12.13 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 213431   | 8.30  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 231560   | 9.40  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 188788   | 8.25  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 252571   | 12.13 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 253937   | 11.94 | ng    | 95       |

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

