

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041123\  
 Data File : BF132853.D  
 Acq On : 11 Apr 2023 16:19  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF041123

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023  
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 03:52:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 12 03:34:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.769  | 152  | 212269   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.057  | 136  | 824099   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.810  | 164  | 413787   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 737193   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.921 | 240  | 493322   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.345 | 264  | 378272   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 1097259  | 80.305 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.398  | 99   | 1414738  | 80.280 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.339  | 82   | 1279661  | 80.351 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 322071   | 87.580 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.133  | 172  | 2080828  | 79.552 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.874 | 244  | 2267619  | 79.644 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.740  | 88   | 292      | 31.738 | ng    | # 100    |
| 3) Pyridine                   | 3.181  | 79   | 750736   | 40.032 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.134  | 42   | 361705   | 39.925 | ng    | 100      |
| 6) Aniline                    | 6.434  | 93   | 937312   | 41.149 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.551  | 128  | 555196   | 40.398 | ng    | 98       |
| 9) Benzaldehyde               | 6.316  | 77   | 392768   | 41.601 | ng    | 99       |
| 10) Phenol                    | 6.410  | 94   | 813092   | 40.978 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.510  | 93   | 576190   | 39.170 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.710  | 146  | 594381   | 39.196 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.786  | 146  | 598848   | 39.178 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.945  | 146  | 552453   | 38.486 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.910  | 79   | 494930   | 43.197 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.051  | 45   | 972535   | 39.598 | ng    | 99       |
| 17) 2-Methylphenol            | 7.022  | 107  | 508101   | 40.546 | ng    | 99       |
| 18) Hexachloroethane          | 7.286  | 117  | 204632   | 38.889 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.192  | 70   | 422332   | 42.094 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 609372   | 40.689 | ng    | 90       |
| 22) Acetophenone              | 7.181  | 105  | 760103   | 38.920 | ng    | # 91     |
| 24) Nitrobenzene              | 7.357  | 77   | 650932   | 40.338 | ng    | 98       |
| 25) Isophorone                | 7.592  | 82   | 1157636  | 40.768 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.669  | 139  | 262623   | 45.624 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.710  | 122  | 488801   | 42.031 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.810  | 93   | 675518   | 40.090 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 455356   | 41.247 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.998  | 180  | 480725   | 39.439 | ng    | 100      |
| 31) Naphthalene               | 8.080  | 128  | 1651791  | 39.278 | ng    | 99       |
| 32) Benzoic acid              | 7.822  | 122  | 233652m  | 43.952 | ng    |          |
| 33) 4-Chloroaniline           | 8.128  | 127  | 690854   | 41.354 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 264489   | 39.859 | ng    | 99       |
| 35) Caprolactam               | 8.504  | 113  | 141809   | 44.714 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.604  | 107  | 490575   | 41.654 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.769  | 142  | 1104459  | 39.270 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.869  | 142  | 1027498  | 39.170 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.933  | 216  | 449278   | 38.894 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 248169   | 39.909 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 294179   | 41.456 | ng    | 98       |

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|-----------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol         | 9.075  | 196  | 347802   | 41.501 | ng    | 95       |
| 46) 1,1'-Biphenyl                 | 9.233  | 154  | 1285051  | 38.532 | ng    | 99       |
| 47) 2-Chloronaphthalene           | 9.257  | 162  | 945359   | 38.723 | ng    | 99       |
| 48) 2-Nitroaniline                | 9.345  | 65   | 307711   | 42.713 | ng    | 98       |
| 49) Acenaphthylene                | 9.669  | 152  | 1555070  | 39.403 | ng    | 100      |
| 50) Dimethylphthalate             | 9.533  | 163  | 1104980  | 41.354 | ng    | 100      |
| 51) 2,6-Dinitrotoluene            | 9.592  | 165  | 254900   | 41.816 | ng    | 96       |
| 52) Acenaphthene                  | 9.845  | 154  | 996279   | 39.287 | ng    | 99       |
| 53) 3-Nitroaniline                | 9.757  | 138  | 309559   | 43.897 | ng    | 91       |
| 54) 2,4-Dinitrophenol             | 9.857  | 184  | 115917   | 44.991 | ng    | 93       |
| 55) Dibenzofuran                  | 10.016 | 168  | 1399343  | 38.929 | ng    | 99       |
| 56) 4-Nitrophenol                 | 9.904  | 139  | 242795   | 43.681 | ng    | 90       |
| 57) 2,4-Dinitrotoluene            | 9.992  | 165  | 329677   | 43.531 | ng    | 96       |
| 58) Fluorene                      | 10.357 | 166  | 1027624  | 38.758 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol     | 10.127 | 232  | 266325   | 41.728 | ng    | 99       |
| 60) Diethylphthalate              | 10.233 | 149  | 1000874  | 44.070 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether    | 10.345 | 204  | 500958   | 39.714 | ng    | 95       |
| 62) 4-Nitroaniline                | 10.369 | 138  | 299508   | 44.468 | ng    | 96       |
| 63) Azobenzene                    | 10.510 | 77   | 1159078  | 39.178 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphthalate | 10.398 | 198  | 151210   | 43.699 | ng    | 97       |
| 66) n-Nitrosodiphenylamine        | 10.469 | 169  | 903115   | 40.148 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether     | 10.839 | 248  | 316437   | 40.440 | ng    | 98       |
| 68) Hexachlorobenzene             | 10.904 | 284  | 322898   | 39.858 | ng    | 97       |
| 69) Atrazine                      | 10.992 | 200  | 254315   | 46.115 | ng    | 99       |
| 70) Pentachlorophenol             | 11.092 | 266  | 230075   | 43.120 | ng    | 100      |
| 71) Phenanthrene                  | 11.316 | 178  | 1567666  | 38.772 | ng    | 99       |
| 72) Anthracene                    | 11.363 | 178  | 1635413  | 39.564 | ng    | 100      |
| 73) Carbazole                     | 11.516 | 167  | 1435300  | 39.692 | ng    | 99       |
| 74) Di-n-butylphthalate           | 11.857 | 149  | 1320170  | 45.307 | ng    | 100      |
| 75) Fluoranthene                  | 12.498 | 202  | 1603567  | 39.614 | ng    | 99       |
| 77) Benzidine                     | 12.621 | 184  | 201344   | 48.675 | ng    | 96       |
| 78) Pyrene                        | 12.727 | 202  | 1659259  | 39.375 | ng    | 100      |
| 80) Butylbenzylphthalate          | 13.351 | 149  | 166585   | 53.415 | ng    | 94       |
| 81) Benzo(a)anthracene            | 13.910 | 228  | 1346221  | 39.675 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine        | 13.874 | 252  | 276994   | 42.489 | ng    | # 96     |
| 83) Chrysene                      | 13.951 | 228  | 1299895  | 38.917 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate    | 13.915 | 149  | 261700   | 53.987 | ng    | 98       |
| 85) Di-n-octyl phthalate          | 14.527 | 149  | 363154   | 52.197 | ng    | # 86     |
| 87) Indeno(1,2,3-cd)pyrene        | 16.745 | 276  | 981245   | 40.129 | ng    | 99       |
| 88) Benzo(b)fluoranthene          | 14.939 | 252  | 956363   | 39.174 | ng    | 99       |
| 89) Benzo(k)fluoranthene          | 14.968 | 252  | 997617   | 39.782 | ng    | 98       |
| 90) Benzo(a)pyrene                | 15.292 | 252  | 894804   | 40.865 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene        | 16.768 | 278  | 808483   | 40.235 | ng    | 99       |
| 92) Benzo(g,h,i)perylene          | 17.168 | 276  | 829365   | 40.174 | ng    | 98       |

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

