

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031623\  
 Data File : BF132815.D  
 Acq On : 16 Mar 2023 16:15  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/17/2023  
 Supervised By : Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 03:24:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 03:14:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 213027   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 765529   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 404558   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.498 | 188  | 778711   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 556520   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.674 | 264  | 488866   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 587497   | 46.536 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.592  | 99   | 738942   | 45.095 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 656866   | 43.911 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 194467   | 45.219 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1145747  | 46.522 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 1321800  | 42.887 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 155477   | 21.851 | ng    | 99       |
| 3) Pyridine                   | 3.581  | 79   | 377194   | 21.542 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.534  | 42   | 139976   | 21.533 | ng    | 98       |
| 6) Aniline                    | 6.628  | 93   | 430217   | 22.856 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 311377   | 23.114 | ng    | 96       |
| 9) Benzaldehyde               | 6.516  | 77   | 163983   | 24.318 | ng    | 97       |
| 10) Phenol                    | 6.604  | 94   | 438078   | 23.533 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.692  | 93   | 374418   | 21.748 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.904  | 146  | 335900   | 23.006 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.981  | 146  | 333204   | 22.865 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.134  | 146  | 313375   | 23.568 | ng    | 97       |
| 15) Benzyl Alcohol            | 7.104  | 79   | 212194   | 22.389 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228  | 45   | 388792   | 23.210 | ng    | 99       |
| 17) 2-Methylphenol            | 7.216  | 107  | 280980   | 22.951 | ng    | 98       |
| 18) Hexachloroethane          | 7.469  | 117  | 126060   | 22.605 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.369  | 70   | 207205   | 22.162 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.369  | 107  | 332369   | 22.548 | ng    | # 71     |
| 22) Acetophenone              | 7.369  | 105  | 411514   | 22.514 | ng    | 97       |
| 24) Nitrobenzene              | 7.545  | 77   | 356664   | 22.054 | ng    | 99       |
| 25) Isophorone                | 7.781  | 82   | 636035   | 21.629 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 171024   | 22.703 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 264205   | 22.637 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.986  | 93   | 398778   | 22.577 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.110  | 162  | 276596   | 22.891 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.186  | 180  | 289019   | 22.363 | ng    | 98       |
| 31) Naphthalene               | 8.269  | 128  | 878433   | 22.873 | ng    | 98       |
| 32) Benzoic acid              | 7.998  | 122  | 81392    | 19.268 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.316  | 127  | 377620m  | 22.609 | ng    |          |
| 34) Hexachlorobutadiene       | 8.375  | 225  | 179356   | 21.873 | ng    | 97       |
| 35) Caprolactam               | 8.681  | 113  | 81890    | 22.105 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.798  | 107  | 281282   | 22.888 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 599999   | 23.297 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 560355   | 23.108 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 302831   | 22.818 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.104  | 237  | 105277   | 19.988 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.239  | 196  | 198013   | 22.915 | ng    | 97       |

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|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.292  | 196  | 229503   | 22.811 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.422  | 154  | 704742   | 23.481 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.451  | 162  | 550373   | 23.159 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.551  | 65   | 179077   | 22.945 | ng    | 90       |
| 49) Acenaphthylene             | 9.863  | 152  | 876406   | 23.998 | ng    | 99       |
| 50) Dimethylphthalate          | 9.716  | 163  | 664805   | 22.920 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.786  | 165  | 149442   | 23.301 | ng    | 98       |
| 52) Acenaphthene               | 10.039 | 154  | 509327   | 23.169 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.963  | 138  | 166685   | 23.249 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 10.075 | 184  | 44633    | 19.306 | ng    | 92       |
| 55) Dibenzofuran               | 10.210 | 168  | 809336   | 23.950 | ng    | 96       |
| 56) 4-Nitrophenol              | 10.133 | 139  | 98161    | 22.965 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.192 | 165  | 194080   | 23.689 | ng    | 99       |
| 58) Fluorene                   | 10.551 | 166  | 624782   | 23.251 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.328 | 232  | 170014   | 23.317 | ng    | 99       |
| 60) Diethylphthalate           | 10.416 | 149  | 639491   | 23.265 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.539 | 204  | 328343   | 23.277 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.575 | 138  | 149831   | 23.900 | ng    | 95       |
| 63) Azobenzene                 | 10.704 | 77   | 651698   | 23.190 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph...  | 10.604 | 198  | 105528   | 22.111 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.663 | 169  | 549604   | 22.837 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 11.033 | 248  | 201760   | 22.410 | ng    | 94       |
| 68) Hexachlorobenzene          | 11.104 | 284  | 213440   | 22.387 | ng    | 96       |
| 69) Atrazine                   | 11.186 | 200  | 156422   | 22.570 | ng    | 97       |
| 70) Pentachlorophenol          | 11.304 | 266  | 82858    | 20.536 | ng    | 96       |
| 71) Phenanthrene               | 11.522 | 178  | 893919   | 22.806 | ng    | 99       |
| 72) Anthracene                 | 11.574 | 178  | 916857   | 22.835 | ng    | 99       |
| 73) Carbazole                  | 11.727 | 167  | 828575   | 22.983 | ng    | 100      |
| 74) Di-n-butylphthalate        | 12.045 | 149  | 984218   | 22.916 | ng    | 98       |
| 75) Fluoranthene               | 12.716 | 202  | 977361   | 22.913 | ng    | 98       |
| 77) Benzidine                  | 12.857 | 184  | 63702m   | 18.076 | ng    |          |
| 78) Pyrene                     | 12.945 | 202  | 1013891  | 21.921 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.551 | 149  | 404202   | 21.361 | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.139 | 228  | 890188   | 22.099 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.098 | 252  | 241421   | 23.088 | ng    | 100      |
| 83) Chrysene                   | 14.174 | 228  | 840093   | 22.070 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.104 | 149  | 529334   | 22.247 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.721 | 149  | 832594   | 22.337 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 17.245 | 276  | 589811   | 19.247 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.221 | 252  | 706371   | 22.151 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.251 | 252  | 741440   | 23.792 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.610 | 252  | 654844   | 22.028 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.256 | 278  | 488830   | 19.547 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.721 | 276  | 488255   | 18.685 | ng    | 99       |

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

