

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
 Data File : BF137495.D  
 Acq On : 05 Mar 2024 12:23  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 05 13:13:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 250164   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.133  | 136  | 986493   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 548221   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 940653   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 512263   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 450413   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1319740  | 79.899 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1882523  | 78.957 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 1691269  | 79.659 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 403251   | 83.761 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 2581000  | 73.697 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2879641  | 77.300 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 353813   | 39.175 | ng    | 98       |
| 3) Pyridine                   | 3.469  | 79   | 913039   | 41.917 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 367979   | 42.204 | ng    | 97       |
| 6) Aniline                    | 6.534  | 93   | 1205159  | 41.367 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 694842   | 39.884 | ng    | 97       |
| 9) Benzaldehyde               | 6.422  | 77   | 503123   | 43.073 | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 1032825  | 40.246 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 781686   | 41.567 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 737652   | 39.624 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 750298   | 39.391 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 672851   | 38.486 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 612441   | 41.260 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 1253597  | 38.781 | ng    | 100      |
| 17) 2-Methylphenol            | 7.116  | 107  | 659695   | 40.467 | ng    | 99       |
| 18) Hexachloroethane          | 7.363  | 117  | 255776   | 40.782 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 566689   | 38.490 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 725594   | 38.863 | ng    | 98       |
| 22) Acetophenone              | 7.269  | 105  | 924306   | 38.725 | ng    | # 94     |
| 24) Nitrobenzene              | 7.445  | 77   | 876923   | 41.116 | ng    | 96       |
| 25) Isophorone                | 7.681  | 82   | 1610300  | 39.922 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 371829   | 43.913 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 636788   | 40.248 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 958108   | 40.484 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 603675   | 41.573 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 611282   | 40.003 | ng    | 100      |
| 31) Naphthalene               | 8.157  | 128  | 2024025  | 38.240 | ng    | 100      |
| 32) Benzoic acid              | 7.933  | 122  | 345307   | 39.224 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 862967   | 41.580 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 358472   | 39.735 | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 213650m  | 43.391 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 656881   | 40.470 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 1321645  | 39.169 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 1226190  | 38.589 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 604191   | 39.477 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 355672   | 59.320 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.127  | 196  | 411701   | 41.308 | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 474731   | 41.349 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 1555731  | 38.772 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 1200642  | 39.247 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 459723   | 44.213 | ng    | 92       |
| 49) Acenaphthylene            | 9.757  | 152  | 1903357  | 38.878 | ng    | 100      |
| 50) Dimethylphthalate         | 9.627  | 163  | 1513260  | 39.653 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 334830   | 41.948 | ng    | 98       |
| 52) Acenaphthene              | 9.927  | 154  | 1131431  | 38.710 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 366256   | 43.380 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 141307   | 40.789 | ng    | 97       |
| 55) Dibenzofuran              | 10.104 | 168  | 1717963  | 38.591 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.022 | 139  | 238085   | 41.920 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 418209   | 42.646 | ng    | 98       |
| 58) Fluorene                  | 10.445 | 166  | 1277557  | 37.369 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 380747   | 41.355 | ng    | 94       |
| 60) Diethylphthalate          | 10.327 | 149  | 1419359  | 39.385 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 626553   | 37.394 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 314695   | 43.367 | ng    | 97       |
| 63) Azobenzene                | 10.604 | 77   | 1613920  | 38.892 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 232631   | 44.372 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 1194223  | 39.426 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 412958   | 40.307 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.992 | 284  | 416333   | 40.233 | ng    | 98       |
| 69) Atrazine                  | 11.098 | 200  | 382394   | 41.528 | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 272332   | 43.534 | ng    | 99       |
| 71) Phenanthrene              | 11.416 | 178  | 1945980  | 38.013 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 2031788  | 38.644 | ng    | 100      |
| 73) Carbazole                 | 11.627 | 167  | 1791305  | 39.775 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 2155741  | 40.232 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 1978450  | 39.538 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 454547   | 36.259 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 2000373  | 39.797 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 629169   | 49.013 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 1428062  | 39.774 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 423100   | 44.251 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 1451266  | 39.993 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 757005   | 46.396 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 1211604  | 39.637 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.162 | 276  | 1214865  | 40.987 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 1118965  | 41.997 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 1096722  | 38.323 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.509 | 252  | 1052365  | 40.081 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.192 | 278  | 999805   | 41.582 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.650 | 276  | 1023002  | 41.428 | ng    | 99       |

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

