

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030823\  
 Data File : BM038930.D  
 Acq On : 08 Mar 2023 14:28  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

Quant Time: Mar 09 05:01:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 04:48:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 322058   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.810 | 136  | 1314903  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.633 | 164  | 720711   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.374 | 188  | 1337233  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.550 | 240  | 1102592  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.003 | 264  | 1132291  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 911242   | 42.987 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 1206753  | 43.828 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.157  | 82   | 1135274  | 42.411 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.115 | 330  | 323129   | 38.756 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 2375950  | 42.916 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 2626507  | 43.553 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.410  | 88   | 204191   | 21.652 | ng    | 99       |
| 3) Pyridine                   | 3.816  | 79   | 565711   | 21.784 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.722  | 42   | 235249   | 22.104 | ng    | 95       |
| 6) Aniline                    | 7.316  | 93   | 786943   | 21.767 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.551  | 128  | 488237   | 21.634 | ng    | 100      |
| 9) Benzaldehyde               | 7.128  | 77   | 294453   | 22.469 | ng    | 98       |
| 10) Phenol                    | 7.175  | 94   | 631371   | 21.593 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.410  | 93   | 519829   | 21.867 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.881  | 146  | 516569   | 21.539 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.028  | 146  | 526632   | 21.591 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.351  | 146  | 510994   | 21.748 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.234  | 79   | 430882   | 21.833 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.528  | 45   | 670138   | 22.320 | ng    | 99       |
| 17) 2-Methylphenol            | 8.434  | 107  | 446641   | 22.237 | ng    | 99       |
| 18) Hexachloroethane          | 9.081  | 117  | 194319   | 21.592 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.804  | 70   | 401996   | 23.180 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.763  | 107  | 598766   | 22.326 | ng    | 99       |
| 22) Acetophenone              | 8.822  | 105  | 785585   | 21.295 | ng    | # 99     |
| 24) Nitrobenzene              | 9.204  | 77   | 601121   | 21.365 | ng    | 100      |
| 25) Isophorone                | 9.733  | 82   | 1052206  | 21.360 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.916  | 139  | 228159   | 20.212 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.975  | 122  | 455126   | 21.204 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.216 | 93   | 672626   | 21.251 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.451 | 162  | 428680   | 21.066 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.669 | 180  | 463995   | 20.866 | ng    | 99       |
| 31) Naphthalene               | 10.857 | 128  | 1580879  | 21.085 | ng    | 100      |
| 32) Benzoic acid              | 10.069 | 122  | 253841   | 19.926 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.963 | 127  | 676476   | 21.171 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.145 | 225  | 264715   | 20.759 | ng    | 98       |
| 35) Caprolactam               | 11.739 | 113  | 118951   | 19.284 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.080 | 107  | 459027   | 21.184 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.463 | 142  | 1061110  | 21.115 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.680 | 142  | 991929   | 21.062 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.827 | 216  | 488699   | 20.858 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.810 | 237  | 262115   | 20.381 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.063 | 196  | 316229   | 20.843 | ng    | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.133 | 196  | 371602   | 20.925 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.469 | 154  | 1297627  | 21.253 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.510 | 162  | 971928   | 21.110 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.710 | 65   | 271978   | 19.814 | ng    | 99       |
| 49) Acenaphthylene            | 14.357 | 152  | 1552741  | 21.173 | ng    | 100      |
| 50) Dimethylphthalate         | 14.086 | 163  | 1155980  | 20.844 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.204 | 165  | 234118   | 20.003 | ng    | 93       |
| 52) Acenaphthene              | 14.698 | 154  | 956887   | 21.231 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.533 | 138  | 267336   | 19.618 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.733 | 184  | 106193   | 19.277 | ng    | 99       |
| 55) Dibenzofuran              | 15.027 | 168  | 1489208  | 21.115 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.827 | 139  | 212025   | 19.250 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 293340   | 19.461 | ng    | 95       |
| 58) Fluorene                  | 15.674 | 166  | 1169164  | 21.163 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.251 | 232  | 285899   | 20.874 | ng    | 99       |
| 60) Diethylphthalate          | 15.451 | 149  | 1118969  | 20.737 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.674 | 204  | 574634   | 21.172 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.692 | 138  | 264218   | 19.194 | ng    | 99       |
| 63) Azobenzene                | 15.962 | 77   | 1227479  | 21.498 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 145573   | 19.897 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.886 | 169  | 970653   | 21.531 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.568 | 248  | 304492   | 21.081 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.680 | 284  | 340305   | 21.076 | ng    | 98       |
| 69) Atrazine                  | 16.833 | 200  | 254619   | 20.678 | ng    | 99       |
| 70) Pentachlorophenol         | 17.021 | 266  | 232461   | 19.574 | ng    | 99       |
| 71) Phenanthrene              | 17.415 | 178  | 1661624  | 21.172 | ng    | 99       |
| 72) Anthracene                | 17.509 | 178  | 1659464  | 21.202 | ng    | 100      |
| 73) Carbazole                 | 17.774 | 167  | 1491417  | 20.879 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.345 | 149  | 1595534  | 19.426 | ng    | 100      |
| 75) Fluoranthene              | 19.427 | 202  | 1690677  | 20.403 | ng    | 99       |
| 77) Benzidine                 | 19.609 | 184  | 389159   | 18.787 | ng    | 100      |
| 78) Pyrene                    | 19.792 | 202  | 1775267  | 21.437 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.692 | 149  | 609093   | 19.418 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.539 | 228  | 1662218  | 20.934 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 475105   | 19.469 | ng    | 98       |
| 83) Chrysene                  | 21.592 | 228  | 1617896  | 20.950 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 908876   | 19.412 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.409 | 149  | 1400913  | 19.066 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.550 | 276  | 1800786  | 20.901 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.250 | 252  | 1557954  | 21.537 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.303 | 252  | 1544130  | 20.511 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.891 | 252  | 1445867  | 20.768 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.568 | 278  | 1522172  | 20.861 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.332 | 276  | 1481260  | 20.750 | ng    | 99       |

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

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