

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101824\  
 Data File : BF139851.D  
 Acq On : 18 Oct 2024 13:46  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 14:21:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 14:11:20 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 187399   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 693285   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 377723   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 633721   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 323513   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 374491   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1657822  | 138.491 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 2147173  | 138.492 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 1897374  | 151.683 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 522350   | 147.845 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 2941186  | 128.689 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 2634676  | 132.704 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.693  | 88   | 410806   | 73.604  | ng    | 99       |
| 3) Pyridine                   | 3.452  | 79   | 993777   | 71.834  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 567647   | 76.370  | ng    | 98       |
| 6) Aniline                    | 6.598  | 93   | 992375m  | 68.680  | ng    |          |
| 8) 2-Chlorophenol             | 6.681  | 128  | 836233   | 68.333  | ng    | 98       |
| 9) Benzaldehyde               | 6.445  | 77   | 554983   | 63.632  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 1125558  | 69.172  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 886786   | 71.780  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 969627   | 69.024  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 968088   | 68.978  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 861333   | 65.758  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 803101   | 70.616  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 1472196  | 69.886  | ng    | 99       |
| 17) 2-Methylphenol            | 7.140  | 107  | 752459   | 72.109  | ng    | 99       |
| 18) Hexachloroethane          | 7.410  | 117  | 357637   | 71.459  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 651048   | 69.238  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 878987   | 65.856  | ng    | # 85     |
| 22) Acetophenone              | 7.310  | 105  | 1149288  | 67.682  | ng    | 98       |
| 24) Nitrobenzene              | 7.481  | 77   | 1025571  | 74.779  | ng    | 99       |
| 25) Isophorone                | 7.722  | 82   | 1767234  | 74.436  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.792  | 139  | 434755   | 84.029  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 619136   | 71.765  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 1022457  | 71.081  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 711892   | 72.445  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 774108   | 71.194  | ng    | 99       |
| 31) Naphthalene               | 8.198  | 128  | 2427578  | 67.894  | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 651887   | 86.634  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 849601   | 69.684  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 490203   | 71.753  | ng    | 99       |
| 35) Caprolactam               | 8.634  | 113  | 239184   | 76.550  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 794640   | 73.031  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 1487841  | 67.944  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 1457890  | 67.858  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 712936   | 69.962  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 256007   | 72.201  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 535533   | 74.228  | ng    | 99       |

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 QLast Update : Fri Oct 18 14:11:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 542663   | 72.904 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1753952  | 66.703 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 1470012  | 69.411 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 527552   | 81.447 | ng    | 99       |
| 49) Acenaphthylene            | 9.792  | 152  | 2106357  | 68.796 | ng    | 99       |
| 50) Dimethylphthalate         | 9.657  | 163  | 1676969  | 71.277 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 393234   | 77.193 | ng    | 99       |
| 52) Acenaphthene              | 9.969  | 154  | 1378724  | 69.610 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 387157   | 73.697 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 169167   | 79.932 | ng    | # 1      |
| 55) Dibenzofuran              | 10.139 | 168  | 1930402  | 67.930 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 314170   | 77.732 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 510703   | 81.523 | ng    | 97       |
| 58) Fluorene                  | 10.480 | 166  | 1426794  | 65.920 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 424598   | 72.764 | ng    | 99       |
| 60) Diethylphthalate          | 10.357 | 149  | 1631842  | 70.641 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 730565   | 66.837 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.504 | 138  | 383383   | 77.270 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 1727533  | 70.539 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 235323   | 91.037 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 1350839  | 71.220 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 477995   | 73.216 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 536511   | 73.070 | ng    | 98       |
| 69) Atrazine                  | 11.116 | 200  | 382294   | 74.406 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 354105   | 79.464 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 2045577  | 68.336 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1995750  | 68.333 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1818340  | 66.943 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 2153517  | 68.623 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1955847  | 64.632 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 318678   | 60.567 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1935829  | 68.360 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 664532   | 78.274 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1512920  | 71.840 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 496976   | 80.937 | ng    | 98       |
| 83) Chrysene                  | 14.080 | 228  | 1424522  | 73.774 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 794387   | 83.399 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 1534331  | 88.561 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 1877616  | 77.935 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 1664856  | 72.980 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1419158  | 72.134 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 1419026  | 75.598 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 1552091  | 77.226 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 1550622  | 77.240 | ng    | 100      |

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

