

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012023\  
 Data File : BM038496.D  
 Acq On : 20 Jan 2023 12:49  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Christian  
Giraldo

01/23/2023

Supervised By :Jagrut  
Upadhyay

01/23/2023

Quant Time: Jan 21 00:04:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 21 00:02:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 58825    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.781 | 136  | 199348   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.604 | 164  | 126098   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 287923   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.515 | 240  | 311229   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.933 | 264  | 399391   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 37757    | 10.611 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.134  | 99   | 45477    | 10.017 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.140  | 82   | 45322    | 9.873  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.086 | 330  | 16367    | 9.013  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.228 | 172  | 97478    | 9.522  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.957 | 244  | 148576   | 9.307  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 10283    | 6.178  | ng    | 92       |
| 3) Pyridine                   | 3.811  | 79   | 20510m   | 4.874  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.711  | 42   | 11066m   | 5.405  | ng    |          |
| 6) Aniline                    | 7.299  | 93   | 27425    | 4.867  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.534  | 128  | 17651    | 4.856  | ng    | 91       |
| 10) Phenol                    | 7.157  | 94   | 22878    | 5.043  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.393  | 93   | 18770    | 5.244  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.852  | 146  | 20998    | 5.081  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.005  | 146  | 21056    | 5.043  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.322  | 146  | 19999    | 4.945  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.216  | 79   | 15674    | 4.617  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 19506m   | 5.164  | ng    |          |
| 17) 2-Methylphenol            | 8.416  | 107  | 15233    | 4.744  | ng    | 93       |
| 18) Hexachloroethane          | 9.046  | 117  | 7941     | 5.115  | ng    | 84       |
| 19) n-Nitroso-di-n-propyla... | 8.781  | 70   | 15152    | 5.196  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.752  | 107  | 20292    | 4.715  | ng    | 95       |
| 22) Acetophenone              | 8.804  | 105  | 26452    | 4.817  | ng    | # 90     |
| 24) Nitrobenzene              | 9.187  | 77   | 24077    | 5.184  | ng    | 92       |
| 25) Isophorone                | 9.710  | 82   | 36379    | 4.802  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.898  | 139  | 8014     | 4.347  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.951  | 122  | 14240    | 4.641  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.193 | 93   | 20619    | 4.653  | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.428 | 162  | 16373    | 4.548  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.640 | 180  | 19973    | 4.852  | ng    | 91       |
| 31) Naphthalene               | 10.828 | 128  | 52608    | 4.858  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.951 | 127  | 19888    | 4.400  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.104 | 225  | 13297    | 4.910  | ng    | 94       |
| 35) Caprolactam               | 11.728 | 113  | 3489     | 3.998  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 12.069 | 107  | 14879    | 4.545  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.434 | 142  | 36383    | 4.675  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.651 | 142  | 34113    | 4.647  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.798 | 216  | 23036    | 4.856  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.769 | 237  | 10757    | 4.126  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.045 | 196  | 13833    | 4.556  | ng    | 92       |
| 44) 2,4,5-Trichlorophenol     | 13.116 | 196  | 16227    | 4.563  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.439 | 154  | 47108    | 4.665  | ng    | 94       |

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| 47) 2-Chloronaphthalene       | 13.486 | 162  | 37020    | 4.696 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.698 | 65   | 9634     | 4.161 | ng    | 97       |
| 49) Acenaphthylene            | 14.328 | 152  | 55909    | 4.533 | ng    | 97       |
| 50) Dimethylphthalate         | 14.063 | 163  | 44920    | 4.628 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.186 | 165  | 8414     | 4.119 | ng    | # 75     |
| 52) Acenaphthene              | 14.669 | 154  | 35286    | 4.691 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.522 | 138  | 8130     | 4.005 | ng    | 89       |
| 55) Dibenzofuran              | 14.998 | 168  | 59111    | 4.700 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.975 | 165  | 11261    | 4.067 | ng    | # 94     |
| 58) Fluorene                  | 15.645 | 166  | 46772    | 4.586 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.228 | 232  | 13541    | 4.658 | ng    | # 96     |
| 60) Diethylphthalate          | 15.416 | 149  | 43875    | 4.616 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.639 | 204  | 25832    | 4.825 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.680 | 138  | 7828     | 3.753 | ng    | 92       |
| 63) Azobenzene                | 15.933 | 77   | 47144    | 4.681 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198  | 7197     | 3.851 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.857 | 169  | 38822    | 4.491 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.533 | 248  | 15071    | 4.719 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.645 | 284  | 16565    | 4.807 | ng    | 97       |
| 69) Atrazine                  | 16.804 | 200  | 13215    | 4.583 | ng    | 93       |
| 70) Pentachlorophenol         | 16.992 | 266  | 10602    | 4.325 | ng    | 94       |
| 71) Phenanthrene              | 17.386 | 178  | 76477    | 4.756 | ng    | 98       |
| 72) Anthracene                | 17.480 | 178  | 75552    | 4.618 | ng    | 98       |
| 73) Carbazole                 | 17.751 | 167  | 64148    | 4.452 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.304 | 149  | 66216    | 4.183 | ng    | 98       |
| 75) Fluoranthene              | 19.398 | 202  | 89754    | 4.645 | ng    | 96       |
| 77) Benzidine                 | 19.586 | 184  | 31343m   | 4.444 | ng    |          |
| 78) Pyrene                    | 19.763 | 202  | 95156    | 4.391 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.645 | 149  | 29400    | 3.923 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.504 | 228  | 105779   | 4.797 | ng    | 94       |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 31395    | 4.432 | ng    | 99       |
| 83) Chrysene                  | 21.557 | 228  | 105391   | 4.887 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.415 | 149  | 42306    | 3.895 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.339 | 149  | 80672    | 4.177 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.450 | 276  | 146761   | 4.966 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.192 | 252  | 107348   | 4.456 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.239 | 252  | 115782   | 4.644 | ng    | 95       |
| 90) Benzo(a)pyrene            | 23.827 | 252  | 107961   | 4.520 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.462 | 278  | 121581   | 4.942 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.227 | 276  | 124973   | 4.960 | ng    | 96       |

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

