

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121720\  
 Data File : BM028139.D  
 Acq On : 17 Dec 2020 12:36  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 17 13:53:34 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 16 01:58:38 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.210  | 152  | 149203   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.045 | 136  | 575727   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.839 | 164  | 315435   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.557 | 188  | 622843   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.668 | 240  | 575758   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.038 | 264  | 575086   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.704  | 112  | 657592   | 72.63 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.351  | 99   | 885021   | 68.45 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.392  | 82   | 827825   | 71.35 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.310 | 330  | 291821   | 69.69 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.469 | 172  | 1777233  | 73.25 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.127 | 244  | 2287875  | 72.10 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.457  | 88   | 133709   | 36.11 | ng    | # 67     |
| 3) Pyridine                   | 3.899  | 79   | 379047   | 35.70 | ng    | # 49     |
| 4) n-Nitrosodimethylamine     | 3.799  | 42   | 200039   | 35.27 | ng    | # 59     |
| 6) Aniline                    | 7.528  | 93   | 488490   | 33.64 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.769  | 128  | 364974   | 35.03 | ng    | 97       |
| 9) Benzaldehyde               | 7.334  | 77   | 234715   | 32.49 | ng    | 84       |
| 10) Phenol                    | 7.381  | 94   | 421354   | 34.31 | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 7.622  | 93   | 344867   | 33.62 | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.098  | 146  | 434844   | 35.52 | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 8.251  | 146  | 438906   | 35.40 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.575  | 146  | 415550   | 34.77 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.451  | 79   | 302674   | 33.03 | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.745  | 45   | 620196   | 33.47 | ng    | 70       |
| 17) 2-Methylphenol            | 8.651  | 107  | 288321   | 33.56 | ng    | # 90     |
| 18) Hexachloroethane          | 9.310  | 117  | 164962   | 35.73 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 9.028  | 70   | 261727   | 32.11 | ng    | # 64     |
| 20) 3+4-Methylphenols         | 8.981  | 107  | 388345   | 33.46 | ng    | 91       |
| 22) Acetophenone              | 9.045  | 105  | 509330   | 34.44 | ng    | # 88     |
| 24) Nitrobenzene              | 9.434  | 77   | 399971   | 35.34 | ng    | # 88     |
| 25) Isophorone                | 9.957  | 82   | 640826   | 33.54 | ng    | 96       |
| 26) 2-Nitrophenol             | 10.145 | 139  | 181886   | 36.67 | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 10.198 | 122  | 272029   | 34.58 | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.433 | 93   | 465264   | 33.92 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.681 | 162  | 321815   | 35.17 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.904 | 180  | 381357   | 35.59 | ng    | 99       |
| 31) Naphthalene               | 11.092 | 128  | 1129712  | 34.84 | ng    | 99       |
| 32) Benzoic acid              | 10.322 | 122  | 221040   | 35.91 | ng    | # 88     |
| 33) 4-Chloroaniline           | 11.192 | 127  | 466807   | 33.71 | ng    | 92       |
| 34) Hexachlorobutadiene       | 11.375 | 225  | 225842   | 35.50 | ng    | 99       |
| 35) Caprolactam               | 11.975 | 113  | 95604    | 32.16 | ng    | # 55     |
| 36) 4-Chloro-3-methylphenol   | 12.298 | 107  | 322085   | 32.90 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.686 | 142  | 771690   | 33.63 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.904 | 142  | 728650   | 33.35 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.045 | 216  | 373191   | 37.30 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.027 | 237  | 194780   | 37.74 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.280 | 196  | 248801   | 37.04 | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 13.351 | 196  | 257527   | 36.55 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.680 | 154  | 955241   | 36.26 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.727 | 162  | 774088   | 36.29 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.921 | 65   | 232252   | 35.83 | ng    | 89       |
| 49) Acenaphthylene            | 14.563 | 152  | 1141330  | 35.71 | ng    | 100      |
| 50) Dimethylphthalate         | 14.286 | 163  | 890496   | 34.02 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.410 | 165  | 189067   | 34.54 | ng    | 90       |
| 52) Acenaphthene              | 14.904 | 154  | 763932   | 35.07 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.733 | 138  | 214629   | 34.67 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.939 | 184  | 103752   | 33.17 | ng    | 91       |
| 55) Dibenzofuran              | 15.233 | 168  | 1075638  | 34.67 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.021 | 139  | 168099   | 34.34 | ng    | # 74     |
| 57) 2,4-Dinitrotoluene        | 15.186 | 165  | 248452   | 34.28 | ng    | 94       |
| 58) Fluorene                  | 15.874 | 166  | 874703   | 34.41 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.451 | 232  | 225356   | 34.85 | ng    | 93       |
| 60) Diethylphthalate          | 15.633 | 149  | 899391   | 33.37 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.863 | 204  | 435279   | 34.28 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.886 | 138  | 230204   | 34.29 | ng    | # 82     |
| 63) Azobenzene                | 16.151 | 77   | 860567   | 34.63 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 15.939 | 198  | 123978   | 33.71 | ng    | # 73     |
| 66) n-Nitrosodiphenylamine    | 16.074 | 169  | 743538   | 35.94 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.751 | 248  | 267624   | 35.93 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.868 | 284  | 304843   | 35.77 | ng    | 95       |
| 69) Atrazine                  | 17.004 | 200  | 232820   | 34.78 | ng    | 98       |
| 70) Pentachlorophenol         | 17.204 | 266  | 172994   | 36.30 | ng    | 100      |
| 71) Phenanthrene              | 17.598 | 178  | 1321895  | 34.95 | ng    | 100      |
| 72) Anthracene                | 17.692 | 178  | 1292812  | 35.35 | ng    | 99       |
| 73) Carbazole                 | 17.951 | 167  | 1192100  | 34.56 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.492 | 149  | 1511937  | 35.06 | ng    | 99       |
| 75) Fluoranthene              | 19.580 | 202  | 1452619  | 34.30 | ng    | 96       |
| 77) Benzidine                 | 19.751 | 184  | 661133   | 45.51 | ng    | 99       |
| 78) Pyrene                    | 19.939 | 202  | 1489646  | 35.74 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.803 | 149  | 659309   | 36.32 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.650 | 228  | 1390042  | 35.44 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.580 | 252  | 471434   | 37.26 | ng    | # 99     |
| 83) Chrysene                  | 21.709 | 228  | 1344336  | 35.40 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.556 | 149  | 953569   | 36.70 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.468 | 149  | 1575335  | 37.41 | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.474 | 276  | 1473624  | 38.55 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 23.321 | 252  | 1389005  | 35.45 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 23.368 | 252  | 1294316  | 33.99 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.933 | 252  | 1256243  | 35.73 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 26.485 | 278  | 1229477  | 38.54 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 27.227 | 276  | 1200271  | 39.38 | ng    | # 90     |

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

