

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011923\  
 Data File : BM038493.D  
 Acq On : 19 Jan 2023 18:28  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 20 02:48:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 06:09:42 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 72    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 43.942 | -9.9  | 85    | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.806 | -7.0  | 76    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 48.581 | -21.5 | 88    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.084 | 4.9   | 72    | 0.00     |
| 6    | Aniline                     | 40.000 | 44.367 | -10.9 | 81    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 87.299 | -9.1  | 79    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 43.088 | -7.7  | 79    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 43.116 | -7.8  | 78    | 0.00     |
| 10 C | Phenol                      | 40.000 | 44.444 | -11.1 | 80    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 44.480 | -11.2 | 82    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.463 | -6.2  | 78    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.736 | -6.8  | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.760 | -6.9  | 78    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 46.151 | -15.4 | 80    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 49.640 | -24.1 | 88    | -0.02    |
| 17   | 2-Methylphenol              | 40.000 | 44.870 | -12.2 | 79    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 46.012 | -15.0 | 82    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 47.827 | -19.6 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 44.866 | -12.2 | 79    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 71    | 0.00     |
| 22   | Acetophenone                | 40.000 | 44.458 | -11.1 | 80    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 91.696 | -14.6 | 81    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 46.010 | -15.0 | 83    | 0.00     |
| 25   | Isophorone                  | 40.000 | 44.264 | -10.7 | 78    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.451 | -6.1  | 74    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.815 | -4.5  | 74    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 44.973 | -12.4 | 80    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.321 | -3.3  | 73    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.504 | -1.3  | 73    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.458 | -6.1  | 77    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 36.207 | 9.5   | 68    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 42.047 | -5.1  | 72    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.500 | 3.8   | 70    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.427 | 1.4   | 67    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.449 | -6.1  | 73    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.554 | -1.4  | 72    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.315 | -3.3  | 72    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 67    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.791 | -2.0  | 69    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.958 | 0.1   | 65    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 74.301 | 7.1   | 60    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.078 | -2.7  | 69    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.191 | -3.0  | 67    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.414 | -4.3  | 71    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.558 | -3.9  | 71    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.623 | -4.1  | 70    | 0.00     |

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 44.885 | -12.2 | 77    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 42.187 | -5.5  | 71    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.338 | -0.8  | 68    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.724 | -1.8  | 66    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.490 | -3.7  | 70    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.640 | 0.9   | 68    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.057 | 9.9   | 62    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.077 | -2.7  | 69    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.541 | 3.6   | 66    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.152 | -0.4  | 64    | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.369 | -3.4  | 69    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.386 | 4.0   | 63    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.559 | -1.4  | 67    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.528 | -1.3  | 67    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.093 | 2.3   | 67    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 48.654 | -21.6 | 80    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 63    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.725 | -4.3  | 65    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.722 | -6.8  | 68    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.780 | -2.0  | 64    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.775 | 3.1   | 62    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.960 | -4.9  | 66    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.535 | 1.2   | 61    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.716 | -6.8  | 68    | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.093 | -5.2  | 67    | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.830 | -7.1  | 68    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.914 | -9.8  | 67    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.264 | -5.7  | 66    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 63    | 0.00     |
| 77   | Benzydine                  | 40.000 | 44.097 | -10.2 | 68    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.167 | -7.9  | 67    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 90.235 | -12.8 | 68    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.340 | -10.9 | 68    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.901 | -7.3  | 67    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.412 | -6.0  | 66    | 0.00     |
| 83   | Chrysene                   | 40.000 | 43.200 | -8.0  | 68    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 45.569 | -13.9 | 71    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 45.393 | -13.5 | 71    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 64    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.510 | -8.8  | 70    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.523 | -6.3  | 67    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 43.040 | -7.6  | 69    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 43.375 | -8.4  | 69    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.608 | -9.0  | 71    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.537 | -6.3  | 70    | -0.02    |

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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0