

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012523\  
 Data File : BM038526.D  
 Acq On : 25 Jan 2023 10:59  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 25 23:12:50 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 01:21:49 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   | 93    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.328 | -0.8  | 92    | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.915 | -7.3  | 89    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 41.689 | -4.2  | 94    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.911 | -3.6  | 92    | 0.00     |
| 6    | Aniline                     | 40.000 | 42.031 | -5.1  | 92    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 83.435 | -4.3  | 93    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.673 | -6.7  | 95    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.799 | 0.5   | 90    | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.368 | -3.4  | 92    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.068 | -5.2  | 94    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.818 | -4.5  | 93    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.151 | -5.4  | 93    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.729 | -6.8  | 96    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.754 | -9.4  | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.483 | -3.7  | 93    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.312 | -5.8  | 93    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.899 | -7.2  | 95    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.699 | -9.2  | 97    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.711 | -6.8  | 94    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.901 | -2.3  | 97    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.528 | -3.2  | 97    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.100 | -2.8  | 97    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.846 | -4.6  | 97    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.317 | -3.3  | 95    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.455 | -1.1  | 94    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.984 | -5.0  | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.410 | -6.0  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 42.428 | -6.1  | 100   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.835 | -2.1  | 96    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.273 | 4.3   | 96    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.897 | -4.7  | 96    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.058 | -7.6  | 100   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.375 | -8.4  | 100   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 43.688 | -9.2  | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.391 | -6.0  | 99    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.488 | -6.2  | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 104   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.642 | -4.1  | 103   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.974 | -7.4  | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 94.698 | -18.4 | 119   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.466 | -6.2  | 103   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.111 | -5.3  | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.405 | -4.3  | 104   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.021 | -2.6  | 103   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.059 | -2.6  | 102   | 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 | 42.488 | -6.2  | 102   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.976 | -4.9  | 104   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.510 | -6.3  | 107   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.619 | -6.5  | 104   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.905 | -4.8  | 105   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.697 | -9.2  | 105   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 40.337 | -0.8  | 107   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 42.947 | -7.4  | 108   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.057 | -7.6  | 109   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.232 | -10.6 | 108   | 0.00     |
| 58   | Fluorene                   | 40.000 | 44.713 | -11.8 | 110   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 45.159 | -12.9 | 111   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 44.264 | -10.7 | 111   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 43.915 | -9.8  | 110   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.004 | -5.0  | 113   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 43.729 | -9.3  | 108   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.379 | -8.4  | 114   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.476 | -3.7  | 111   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.856 | -7.1  | 117   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.387 | -6.0  | 117   | 0.00     |
| 69   | Atrazine                   | 40.000 | 43.518 | -8.8  | 115   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.679 | -11.7 | 118   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.159 | -5.4  | 115   | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.405 | -6.0  | 114   | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.871 | -7.2  | 116   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.722 | -11.8 | 119   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 44.320 | -10.8 | 121   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 130   | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.326 | -8.3  | 127   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.857 | 0.4   | 120   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 79.654 | 0.4   | 121   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.922 | -4.8  | 125   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.807 | -2.0  | 127   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.801 | -7.0  | 130   | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.161 | -2.9  | 127   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 45.450 | -13.6 | 135   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.822 | -9.6  | 133   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 130   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.812 | -4.5  | 130   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.898 | -7.2  | 131   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.080 | -5.2  | 128   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.421 | -6.1  | 129   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.920 | -4.8  | 131   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.116 | -2.8  | 129   | -0.01    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0