

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
 Data File : BM038462.D  
 Acq On : 17 Jan 2023 10:27  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 18 03:49:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 03:06:05 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   | 82    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.241 | 9.4   | 80    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.598 | 1.0   | 80    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.706 | 0.7   | 82    | 0.01     |
| 5 S  | 2-Fluorophenol              | 80.000 | 71.944 | 10.1  | 78    | 0.00     |
| 6    | Aniline                     | 40.000 | 36.912 | 7.7   | 77    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.762 | 9.0   | 75    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.918 | 5.2   | 79    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.349 | 9.1   | 75    | 0.00     |
| 10 C | Phenol                      | 40.000 | 35.940 | 10.2  | 74    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 35.619 | 11.0  | 75    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.783 | 3.0   | 81    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.407 | -3.5  | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.603 | 1.0   | 83    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 44.182 | -10.5 | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.445 | -1.1  | 82    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.036 | -5.1  | 84    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.003 | -0.0  | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.428 | -6.1  | 83    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.732 | 0.7   | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 77    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.519 | -3.8  | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.037 | -5.0  | 81    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.653 | -4.1  | 82    | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.213 | -5.5  | 81    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.555 | -3.9  | 79    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.500 | -3.8  | 81    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.792 | -7.0  | 83    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.866 | -7.2  | 83    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.314 | -3.3  | 81    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.514 | -6.3  | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.526 | 1.2   | 82    | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 43.305 | -8.3  | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.799 | -4.5  | 83    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.601 | -9.0  | 81    | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 46.076 | -15.2 | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 43.444 | -8.6  | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 44.254 | -10.6 | 85    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.979 | 2.6   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.027 | -0.1  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 90.393 | -13.0 | 92    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.291 | -0.7  | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.678 | -1.7  | 84    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.892 | -1.1  | 87    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.164 | -0.4  | 87    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.278 | -0.7  | 86    | 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 | 40.539 | -1.3  | 88    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.244 | -3.1  | 88    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.532 | -3.8  | 89    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.825 | -4.6  | 86    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.675 | -4.2  | 89    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.195 | -0.5  | 88    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.714 | 0.7   | 88    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 42.789 | -7.0  | 91    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.940 | -2.3  | 89    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.988 | -10.0 | 89    | 0.00     |
| 58   | Fluorene                   | 40.000 | 44.090 | -10.2 | 93    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.161 | -7.9  | 90    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 43.704 | -9.3  | 92    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 43.711 | -9.3  | 91    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.896 | -4.7  | 92    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 46.665 | -16.7 | 97    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.100 | -0.3  | 90    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.714 | -1.8  | 93    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.728 | -4.3  | 94    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.898 | -2.2  | 93    | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.861 | -7.2  | 96    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.242 | -8.1  | 95    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.572 | -3.9  | 95    | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.884 | -4.7  | 96    | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.350 | -5.9  | 96    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.583 | -9.0  | 96    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 43.246 | -8.1  | 96    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 77   | Benzydine                  | 40.000 | 44.734 | -11.8 | 106   | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.562 | -3.9  | 99    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 88.217 | -10.3 | 101   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.533 | -6.3  | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.568 | -6.4  | 102   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.197 | -8.0  | 103   | 0.00     |
| 83   | Chrysene                   | 40.000 | 42.014 | -5.0  | 101   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.125 | -7.8  | 103   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.759 | -6.9  | 103   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 97    | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.538 | -6.3  | 104   | 0.01     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.976 | -4.9  | 101   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.833 | -7.1  | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.757 | -6.9  | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.889 | -7.2  | 105   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.114 | -5.3  | 105   | 0.01     |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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