

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060923\  
 Data File : BF133674.D  
 Acq On : 09 Jun 2023 14:10  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 09 15:58:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 09 15:37:41 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  | 90    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.295 | -0.7 | 89    | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.729 | 5.7  | 80    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.718 | 0.7  | 82    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 83.140 | -3.9 | 93    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.886 | 2.8  | 89    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.097 | 3.6  | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.262 | 1.8  | 90    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.864 | 10.3 | 91    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.411 | 1.5  | 90    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.068 | 2.3  | 89    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.224 | 1.9  | 89    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.205 | 2.0  | 88    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.019 | -2.5 | 90    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.655 | -1.6 | 90    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.221 | 1.9  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.732 | 0.7  | 89    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.108 | -2.8 | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.868 | 2.8  | 90    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.289 | 4.3  | 90    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 76    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.998 | 0.0  | 89    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.965 | -5.0 | 90    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.953 | -4.9 | 89    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.733 | 0.7  | 86    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.852 | -4.6 | 88    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.624 | -1.6 | 86    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.623 | 0.9  | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.778 | 0.6  | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.448 | 1.4  | 78    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.095 | 2.3  | 77    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.565 | -6.4 | 85    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.570 | 3.6  | 75    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.454 | -1.1 | 79    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.300 | 6.8  | 69    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.198 | 2.0  | 75    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.848 | 2.9  | 77    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.358 | 1.6  | 77    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 74    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.764 | 0.6  | 82    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.214 | -5.5 | 84    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 78.248 | 2.2  | 78    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.450 | 1.4  | 77    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.142 | 2.1  | 77    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.771 | 0.3  | 87    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.558 | 1.1  | 86    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.862 | 0.3  | 85    | 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 | 40.954 | -2.4 | 80    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.102 | 2.2  | 74    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.937 | 2.7  | 75    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.141 | -2.9 | 75    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.814 | 0.5  | 75    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.598 | 1.0  | 73    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.807 | 0.5  | 76    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.169 | 2.1  | 76    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.418 | -1.0 | 72    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.081 | -2.7 | 77    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.317 | 1.7  | 87    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.176 | -2.9 | 88    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.863 | 0.3  | 80    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.354 | 1.6  | 87    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 38.985 | 2.5  | 82    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.416 | 4.0  | 76    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 75    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.931 | -4.8 | 79    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.272 | 4.3  | 76    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.112 | 2.2  | 75    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.149 | 2.1  | 75    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.446 | 3.9  | 76    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.686 | -1.7 | 75    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.748 | 3.1  | 76    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.289 | 4.3  | 76    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.409 | 6.5  | 89    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.063 | 4.8  | 81    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.840 | 2.9  | 82    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 76    | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.754 | 0.6  | 72    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.295 | -0.7 | 77    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.033 | -2.5 | 79    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.418 | -3.5 | 81    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.779 | 0.6  | 80    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.913 | 0.2  | 80    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.026 | -0.1 | 79    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.886 | -2.2 | 82    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.395 | 4.0  | 77    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 81    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.803 | -4.5 | 95    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.569 | 3.6  | 79    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.603 | 3.5  | 76    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.494 | 1.3  | 80    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.625 | -4.1 | 95    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.159 | -2.9 | 95    | 0.00     |

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