

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011023\  
 Data File : BF131988.D  
 Acq On : 10 Jan 2023 09:56  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 11 00:33:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF010923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 00:32:25 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  | 102   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.140 | 4.6  | 96    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.699 | 0.8  | 97    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.611 | -1.5 | 99    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.989 | 2.5  | 98    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.852 | 2.9  | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.829 | 2.7  | 98    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.116 | -0.3 | 100   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.406 | 6.5  | 97    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.128 | 2.2  | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.704 | 0.7  | 99    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.217 | 2.0  | 98    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.565 | 1.1  | 99    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.221 | 1.9  | 99    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.878 | 0.3  | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.860 | 2.9  | 97    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.414 | 1.5  | 99    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.102 | -0.3 | 100   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.911 | 2.7  | 99    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.982 | 2.5  | 97    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 100   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.626 | 0.9  | 97    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.426 | -0.5 | 98    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.364 | 1.6  | 96    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.069 | -0.2 | 98    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.146 | -2.9 | 101   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.517 | -1.3 | 100   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.665 | 0.8  | 97    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.028 | -0.1 | 99    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.257 | -0.6 | 98    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.115 | -0.3 | 99    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.861 | 0.3  | 93    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.060 | -2.7 | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.615 | -1.5 | 99    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.171 | 2.1  | 97    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.469 | 1.3  | 97    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.286 | -0.7 | 99    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.286 | -0.7 | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.333 | -3.3 | 98    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 36.053 | 9.9  | 89    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.003 | -2.5 | 99    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.396 | -3.5 | 97    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.356 | -0.9 | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.283 | -0.4 | 98    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.645 | -1.6 | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.435 | -1.1 | 97    | 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 | 41.156 | -2.9 | 99    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.391 | -1.0 | 98    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.307 | -0.8 | 98    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.710 | -1.8 | 97    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.176 | -0.4 | 97    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.699 | -4.2 | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.382 | -3.5 | 95    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.137 | -0.3 | 98    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.749 | 0.6  | 92    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.011 | -0.0 | 97    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.951 | 0.1  | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.305 | -3.3 | 96    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.741 | -1.9 | 99    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.183 | -0.5 | 98    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.508 | -3.8 | 99    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.452 | -1.1 | 99    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.731 | -4.3 | 97    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.285 | -0.7 | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.491 | -1.2 | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.580 | 1.1  | 97    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.530 | -1.3 | 102   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 35.811 | 10.5 | 89    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.022 | -0.1 | 98    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.144 | -0.4 | 99    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.880 | 0.3  | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.517 | -1.3 | 101   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.352 | 1.6  | 98    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 94    | 0.00     |
| 77   | Benzidine                  | 40.000 | 42.183 | -5.5 | 107   | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.588 | -6.5 | 98    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.053 | -5.1 | 97    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.459 | -6.1 | 97    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.034 | -0.1 | 93    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.897 | -2.2 | 95    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.952 | 0.1  | 93    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.066 | -5.2 | 96    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.950 | -2.4 | 96    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.931 | -7.3 | 97    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.149 | -5.4 | 100   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.473 | 6.3  | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.138 | -0.3 | 96    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.930 | -7.3 | 97    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.360 | 1.6  | 97    | 0.00     |

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(#) = Out of Range

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