

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071723\  
 Data File : BF134314.D  
 Acq On : 17 Jul 2023 14:00  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 17 16:19:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 14 22:51:27 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   | 67    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.973 | -2.4  | 69    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.803 | 0.5   | 67    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.642 | 3.4   | 64    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.929 | 2.6   | 67    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.233 | 1.9   | 66    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.179 | 2.3   | 68    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.084 | 2.3   | 67    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.749 | 5.6   | 64    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.513 | 3.7   | 66    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.587 | 6.0   | 64    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.599 | 1.0   | 68    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.911 | 0.2   | 68    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.476 | 1.3   | 69    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.125 | -0.3  | 67    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.665 | 13.3  | 59    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 39.041 | 2.4   | 66    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.253 | -3.1  | 69    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.829 | 5.4   | 67    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.453 | -1.1  | 69    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 66    | 0.00     |
| 22   | Acetophenone                | 40.000 | 42.157 | -5.4  | 72    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.305 | -2.9  | 68    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.884 | -2.2  | 67    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.726 | 3.2   | 65    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.103 | -2.8  | 66    | -0.01    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.422 | 1.4   | 65    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.792 | 3.0   | 64    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.642 | 0.9   | 65    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.494 | -1.2  | 67    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.038 | -0.1  | 67    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.511 | 6.2   | 58    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.796 | 3.0   | 64    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.226 | -10.6 | 74    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.822 | 5.4   | 62    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.305 | -0.8  | 67    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.547 | 1.1   | 67    | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.140 | 2.1   | 67    | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 67    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.503 | -3.8  | 70    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 47.237 | -18.1 | 75    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 85.754 | -7.2  | 72    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.870 | 2.8   | 65    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.956 | 5.1   | 64    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 82.265 | -2.8  | 71    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.526 | 1.2   | 67    | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.789 | 0.5   | 68    | 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 | 39.826 | 0.4   | 66    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.471 | 1.3   | 67    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.197 | 2.0   | 67    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.870 | 0.3   | 65    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 39.633 | 0.9   | 67    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.979 | 2.6   | 65    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.723 | 8.2   | 62    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.011 | 2.5   | 66    | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 35.726 | 10.7  | 58    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.844 | -2.1  | 68    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.865 | 0.3   | 69    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.336 | 1.7   | 67    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.282 | 1.8   | 67    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.759 | -1.9  | 70    | -0.01    |
| 62   | 4-Nitroaniline             | 40.000 | 38.799 | 3.0   | 65    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.516 | 3.7   | 65    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 67    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.703 | -4.3  | 65    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.243 | 1.9   | 66    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.292 | -3.2  | 69    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.200 | -5.5  | 72    | -0.01    |
| 69   | Atrazine                   | 40.000 | 39.843 | 0.4   | 70    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 36.900 | 7.8   | 59    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.191 | -0.5  | 69    | -0.01    |
| 72   | Anthracene                 | 40.000 | 40.021 | -0.1  | 69    | -0.01    |
| 73   | Carbazole                  | 40.000 | 40.712 | -1.8  | 68    | -0.01    |
| 74   | Di-n-butylphthalate        | 40.000 | 40.981 | -2.5  | 68    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.379 | -5.9  | 73    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.065 | 2.3   | 87    | -0.01    |
| 78   | Pyrene                     | 40.000 | 33.418 | 16.5  | 76    | -0.01    |
| 79 S | Terphenyl-d14              | 80.000 | 69.246 | 13.4  | 81    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 36.988 | 7.5   | 86    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.872 | 2.8   | 93    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.523 | -1.3  | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.773 | 3.1   | 94    | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.502 | -8.8  | 102   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 47.258 | -18.1 | 111   | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 94    | -0.01    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 34.320 | 14.2  | 74    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.139 | -2.8  | 96    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.852 | -4.6  | 102   | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.632 | 0.9   | 93    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 34.166 | 14.6  | 74    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 33.461 | 16.3  | 73    | -0.02    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0