

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
 Data File : BF123052.D  
 Acq On : 28 Jan 2021 10:15  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 28 11:25:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 28 00:48:07 2021  
 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   | 109   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.374 | -0.9  | 110   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.622 | -1.6  | 108   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.253 | -0.6  | 106   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.992 | 0.0   | 108   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.986 | 0.0   | 106   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.008 | -0.0  | 108   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.765 | -1.9  | 109   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.937 | -4.8  | 112   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.838 | -2.1  | 107   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.167 | -0.4  | 107   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.188 | -0.5  | 108   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.722 | 3.2   | 108   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.455 | 3.9   | 108   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.550 | -3.9  | 108   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.210 | -0.5  | 107   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.503 | -1.3  | 107   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.307 | -3.3  | 110   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.821 | 0.4   | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.397 | -3.5  | 106   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.336 | 1.7   | 105   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.549 | -4.4  | 109   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.301 | -3.3  | 107   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.359 | -0.9  | 106   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.479 | -18.7 | 114   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.081 | -0.2  | 105   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.301 | -0.8  | 107   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.587 | -4.0  | 108   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.522 | -1.3  | 108   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.890 | 0.3   | 107   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.766 | -14.4 | 123   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.934 | 0.2   | 106   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.301 | -0.8  | 106   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.318 | -5.8  | 110   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.512 | -3.8  | 107   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.353 | -0.9  | 108   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.770 | 0.6   | 106   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.560 | -1.4  | 108   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.402 | -6.0  | 105   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.085 | -8.9  | 113   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 43.492 | -8.7  | 110   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.901 | -7.3  | 111   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.461 | 3.2   | 105   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.954 | 0.1   | 106   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.138 | -0.3  | 106   | 0.00     |

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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) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 44.587 | -11.5  | 111   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.229 | -0.6   | 107   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.461 | -1.2   | 108   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.502 | -8.8   | 109   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.838 | -2.1   | 108   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.233 | -8.1   | 110   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 47.056 | -17.6  | 131   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.737 | 3.2    | 107   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 46.086 | -15.2  | 116   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.001 | -12.5  | 112   | 0.00     |
| 58   | Fluorene                   | 40.000 | 36.277 | 9.3    | 106   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.026 | -7.6   | 111   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.692 | -1.7   | 108   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.948 | 2.6    | 108   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.876 | -7.2   | 110   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.307 | -0.8   | 106   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 109   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.061 | -12.7  | 124   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.806 | 0.5    | 107   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.710 | -1.8   | 108   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.073 | -2.7   | 109   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.512 | -1.3   | 110   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 45.692 | -14.2  | 115   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.101 | 4.7    | 108   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.589 | 1.0    | 108   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.724 | 0.7    | 108   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.997 | -2.5   | 110   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.300 | 1.8    | 109   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 110   | 0.00     |
| 77   | Benzydine                  | 40.000 | 52.247 | -30.6# | 117   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.931 | 0.2    | 108   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.281 | -1.6   | 109   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.914 | -12.3  | 116   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.847 | 0.4    | 109   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 45.061 | -12.7  | 115   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.648 | 0.9    | 109   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.946 | -4.9   | 111   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 44.488 | -11.2  | 113   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 112   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.346 | -3.4   | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.959 | -4.9   | 113   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.115 | 4.7    | 108   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.083 | -2.7   | 110   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.389 | -3.5   | 110   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.595 | -1.5   | 110   | 0.00     |

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

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