

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112420\  
 Data File : BF122465.D  
 Acq On : 24 Nov 2020 13:41  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 24 14:45:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 14:38:56 2020  
 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   | 97    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 33.966 | 15.1  | 84    | 0.00     |
| 3    | Pyridine                    | 40.000 | 34.422 | 13.9  | 84    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 31.162 | 22.1  | 76    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 73.871 | 7.7   | 90    | 0.00     |
| 6    | Aniline                     | 40.000 | 35.419 | 11.5  | 87    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.899 | 8.9   | 89    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.278 | 4.3   | 92    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.393 | 11.5  | 90    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.179 | 4.6   | 93    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.639 | 5.9   | 92    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.321 | 4.2   | 94    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.369 | 4.1   | 94    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.089 | 4.8   | 93    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.643 | 5.9   | 90    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 33.836 | 15.4  | 83    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.351 | 4.1   | 94    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.612 | 1.0   | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.378 | 11.6  | 87    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.247 | 9.4   | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.040 | 9.9   | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 88.092 | -10.1 | 100   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.220 | -0.5  | 93    | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.968 | 5.1   | 94    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 46.958 | -17.4 | 127   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.956 | 7.6   | 89    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.759 | 3.1   | 94    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.417 | -3.5  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.274 | -0.7  | 96    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.440 | 3.9   | 93    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 47.515 | -18.8 | 127   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.607 | 3.5   | 93    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 42.208 | -5.5  | 102   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.229 | -0.6  | 96    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.071 | -2.7  | 98    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.104 | 2.2   | 96    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.801 | 3.0   | 94    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.077 | -0.2  | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.642 | -6.6  | 101   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 92.441 | -15.6 | 110   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.459 | -3.6  | 100   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.363 | -5.9  | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.132 | 4.8   | 98    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.684 | 3.3   | 98    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.651 | 3.4   | 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 | 39.128 | 2.2    | 103   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.474 | 3.8    | 96    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.193 | -0.5   | 103   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.581 | -4.0   | 109   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.576 | 1.1    | 100   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.700 | 3.2    | 100   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 57.598 | -44.0# | 191   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.597 | 3.5    | 98    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.777 | 3.1    | 100   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.939 | -9.8   | 116   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.377 | 4.1    | 98    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.679 | -9.2   | 104   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.472 | -1.2   | 103   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.347 | -0.9   | 102   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.434 | 1.4    | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.291 | 9.3    | 92    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 103   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 53.391 | -33.5# | 164   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.597 | 6.0    | 98    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.990 | -2.5   | 106   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.864 | -2.2   | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.964 | -2.4   | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.192 | -8.0   | 109   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.352 | 6.6    | 98    | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.474 | 6.3    | 97    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.409 | 9.0    | 95    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.924 | -2.3   | 106   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.977 | 5.1    | 99    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 92    | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.912 | 5.2    | 87    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.277 | -0.7   | 95    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.758 | -2.2   | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.192 | -10.5  | 108   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.828 | 2.9    | 92    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.553 | -6.4   | 97    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.903 | 2.7    | 93    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 48.894 | -22.2  | 114   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 48.984 | -22.5# | 108   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 88    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.283 | 1.8    | 91    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.894 | 0.3    | 87    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.236 | -0.6   | 91    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.757 | 0.6    | 88    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.476 | 3.8    | 89    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.101 | 2.2    | 93    | 0.00     |

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(#) = Out of Range                      SPCC's out = 0    CCC's out = 1