

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121120\  
 Data File : BF122657.D  
 Acq On : 11 Dec 2020 11:01  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 11 13:18:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 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  | 71    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.255 | -3.1 | 73    | -0.03    |
| 3    | Pyridine                    | 40.000 | 40.740 | -1.9 | 70    | -0.03    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.022 | 4.9  | 66    | -0.03    |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.648 | -3.3 | 74    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.577 | -1.4 | 71    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 81.076 | -1.3 | 72    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.130 | -2.8 | 73    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.113 | 9.7  | 73    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.410 | -1.0 | 72    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.615 | -1.5 | 72    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.393 | -1.0 | 72    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.204 | -0.5 | 72    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.857 | 2.9  | 72    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.690 | 0.8  | 68    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.217 | 4.5  | 67    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.072 | -0.2 | 69    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.833 | 0.4  | 70    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.624 | 5.9  | 67    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.967 | 2.6  | 71    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 69    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.548 | -1.4 | 70    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.411 | -3.0 | 70    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.954 | -2.4 | 70    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.359 | 1.6  | 67    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.126 | -5.3 | 69    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.614 | -1.5 | 69    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.318 | -0.8 | 69    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.943 | -2.4 | 69    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.038 | -2.6 | 70    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.813 | -2.0 | 70    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 34.817 | 13.0 | 55    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.723 | -1.8 | 69    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.829 | -2.1 | 70    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.006 | -0.0 | 67    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.484 | -1.2 | 68    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.274 | -0.7 | 69    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.263 | -0.7 | 69    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 68    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.067 | -2.7 | 68    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 32.946 | 17.6 | 52    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.906 | 0.1  | 65    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.713 | 0.7  | 65    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.746 | 0.6  | 66    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.601 | 5.5  | 68    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.355 | -0.9 | 68    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.586 | -1.5 | 68    | 0.00     |

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 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) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 40.093 | -0.2   | 65    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.458 | -1.1   | 68    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.144 | 2.1    | 65    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.937 | -2.3   | 66    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.543 | 1.1    | 66    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.371 | -0.9   | 65    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.725 | 10.7   | 56    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.887 | 0.3    | 67    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 35.167 | 12.1   | 55    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.215 | -0.5   | 65    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.219 | 4.5    | 68    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.153 | 2.1    | 64    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.513 | 3.7    | 64    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.679 | 0.8    | 68    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.867 | 0.3    | 65    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.436 | 3.9    | 64    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 64    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.511 | 3.7    | 57    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.966 | -2.4   | 65    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.150 | -2.9   | 65    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.160 | -2.9   | 65    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.439 | -1.1   | 64    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.558 | 1.1    | 57    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.810 | -2.0   | 66    | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.297 | -3.2   | 66    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.540 | -1.3   | 64    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.194 | 2.0    | 63    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.617 | 1.0    | 63    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 60    | 0.00     |
| 77   | Benzydine                  | 40.000 | 53.494 | -33.7# | 70    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.595 | -6.5   | 63    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.887 | -4.9   | 65    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.145 | -0.4   | 59    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.238 | -5.6   | 63    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.465 | -3.7   | 61    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.451 | -3.6   | 62    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.074 | 2.3    | 59    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.518 | 6.2    | 56    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 64    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.305 | -8.3   | 70    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.496 | 1.3    | 60    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.504 | -3.8   | 67    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.676 | -1.7   | 64    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.242 | -8.1   | 70    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 44.342 | -10.9  | 73    | 0.00     |

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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