

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012622\  
 Data File : BF126679.D  
 Acq On : 26 Jan 2022 11:43  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 27 03:11:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 27 03:09:40 2022  
 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   | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.958 | 2.6   | 97    | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.260 | 4.4   | 96    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.288 | 9.3   | 91    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.413 | 5.7   | 96    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.180 | 4.6   | 96    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.311 | 4.6   | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.473 | 6.3   | 95    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.917 | 0.2   | 95    | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.956 | 5.1   | 96    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.785 | 5.5   | 96    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.910 | 5.2   | 96    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.303 | 4.2   | 97    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.723 | 5.7   | 96    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.358 | 6.6   | 94    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.865 | 10.3  | 90    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.882 | 5.3   | 95    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.067 | 4.8   | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.050 | 9.9   | 93    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.142 | 4.6   | 98    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 92    | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.704 | 8.2   | 96    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.401 | -3.0  | 102   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.933 | 0.2   | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.844 | 7.9   | 96    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 46.978 | -17.4 | 110   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.889 | 7.8   | 96    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.741 | 8.1   | 96    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.134 | 4.7   | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.642 | 5.9   | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.524 | 6.2   | 97    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 48.712 | -21.8 | 132   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.361 | 4.1   | 99    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.399 | 4.0   | 98    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.293 | -0.7  | 103   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.415 | 4.0   | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.460 | 6.3   | 98    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.776 | 5.6   | 98    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 93    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.152 | 4.6   | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.386 | 6.5   | 94    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 85.190 | -6.5  | 112   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.586 | 3.5   | 100   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.122 | 2.2   | 102   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.220 | 7.2   | 102   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.238 | 6.9   | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.544 | 6.1   | 101   | 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 | 46.522 | -16.3  | 111   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.240 | 6.9    | 100   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.297 | 4.3    | 102   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.215 | -10.5  | 107   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.772 | 3.1    | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 45.418 | -13.5  | 111   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 52.347 | -30.9# | 143   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.651 | 5.9    | 102   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.909 | -9.8   | 107   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 48.907 | -22.3  | 115   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.743 | 5.6    | 102   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.165 | -2.9   | 106   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.362 | 4.1    | 102   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.695 | 3.3    | 105   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 46.053 | -15.1  | 113   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.416 | 6.5    | 100   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 98    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 46.630 | -16.6  | 132   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.426 | 8.9    | 101   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.483 | 3.8    | 107   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.701 | 3.2    | 108   | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.561 | 3.6    | 108   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.526 | -3.8   | 110   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.795 | 8.0    | 104   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.142 | 7.1    | 105   | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.872 | 7.8    | 104   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.500 | 6.3    | 104   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.483 | 6.3    | 105   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 77   | Benzydine                  | 40.000 | 29.923 | 25.2#  | 85    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.554 | 1.1    | 105   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.797 | -2.2   | 110   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.078 | -0.2   | 103   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.633 | 3.4    | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 37.744 | 5.6    | 101   | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.768 | 5.6    | 103   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.839 | 0.4    | 105   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.279 | 4.3    | 104   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.937 | -2.3   | 105   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.952 | 5.1    | 101   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.541 | -1.4   | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.606 | 3.5    | 102   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.629 | -1.6   | 103   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.923 | -2.3   | 104   | 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