

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071922\  
 Data File : BF129280.D  
 Acq On : 19 Jul 2022 09:26  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 20 03:01:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 12:55:49 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  | 80    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.137 | 2.2  | 78    | 0.01     |
| 3    | Pyridine                    | 40.000 | 39.747 | 0.6  | 80    | 0.01     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.887 | 0.3  | 80    | 0.01     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.515 | 1.9  | 82    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.644 | 0.9  | 81    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.290 | 2.1  | 81    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.952 | 0.1  | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.612 | 13.5 | 83    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.662 | 0.8  | 82    | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.956 | 0.1  | 83    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.436 | -1.1 | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.881 | 0.3  | 83    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.243 | -0.6 | 84    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.923 | -9.8 | 86    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.852 | 5.4  | 78    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.946 | 2.6  | 82    | 0.01     |
| 18   | Hexachloroethane            | 40.000 | 41.106 | -2.8 | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.167 | 4.6  | 81    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.317 | 4.2  | 81    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 79    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.192 | 2.0  | 82    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.962 | -1.2 | 83    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.451 | -1.1 | 82    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.481 | 1.3  | 80    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.903 | -7.3 | 85    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.718 | -1.8 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.171 | -0.4 | 81    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.538 | -3.8 | 84    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.948 | -2.4 | 83    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.715 | -1.8 | 83    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.061 | -2.7 | 79    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.410 | -1.0 | 83    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.848 | -4.6 | 86    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.402 | -1.0 | 81    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.492 | -1.2 | 82    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.296 | -0.7 | 84    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.985 | 0.0  | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 80    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.227 | -3.1 | 85    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.837 | 0.4  | 76    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.514 | -3.1 | 86    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.065 | -5.2 | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.283 | -3.2 | 83    | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.617 | 1.7  | 85    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.353 | -0.9 | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.381 | -1.0 | 84    | 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 | 40.676 | -1.7 | 81    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.339 | -0.8 | 83    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.927 | 0.2  | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.634 | -4.1 | 83    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.089 | -0.2 | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.347 | -0.9 | 82    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.983 | -5.0 | 79    | 0.01     |
| 55   | Dibenzofuran               | 40.000 | 39.752 | 0.6  | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.334 | 1.7  | 78    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.361 | -3.4 | 83    | 0.01     |
| 58   | Fluorene                   | 40.000 | 40.080 | -0.2 | 85    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.238 | -0.6 | 82    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.475 | 1.3  | 82    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.934 | 0.2  | 85    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.138 | -2.8 | 84    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.743 | 3.1  | 79    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 79    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.594 | -6.5 | 82    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.588 | -1.5 | 83    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.151 | -2.9 | 84    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.561 | -3.9 | 85    | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.284 | -5.7 | 88    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.508 | -1.3 | 79    | 0.01     |
| 71   | Phenanthrene               | 40.000 | 39.643 | 0.9  | 83    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.841 | 0.4  | 83    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.079 | -0.2 | 83    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.343 | 1.6  | 83    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.308 | -0.8 | 84    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 88    | 0.01     |
| 77   | Benzydine                  | 40.000 | 35.200 | 12.0 | 87    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.683 | 5.8  | 84    | 0.01     |
| 79 S | Terphenyl-d14              | 80.000 | 75.686 | 5.4  | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.106 | -0.3 | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.411 | -1.0 | 91    | 0.01     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.531 | -1.3 | 92    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.613 | 1.0  | 91    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.364 | 1.6  | 88    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.580 | -3.9 | 94    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 85    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.334 | 4.2  | 82    | 0.03     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.270 | -3.2 | 88    | 0.02     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.002 | -5.0 | 94    | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.777 | -1.9 | 88    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.702 | 3.2  | 82    | 0.03     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.080 | 4.8  | 81    | 0.03     |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 0