

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091422\  
 Data File : BF130242.D  
 Acq On : 14 Sep 2022 16:24  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 15 01:22:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 14:55:51 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  | 101   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.152 | -0.4 | 102   | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.102 | 2.2  | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.017 | 2.5  | 98    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.467 | 0.7  | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.764 | 3.1  | 99    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.596 | 3.0  | 100   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.294 | 1.8  | 101   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.045 | 2.4  | 102   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.119 | 2.2  | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.300 | 4.3  | 98    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.068 | 2.3  | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.500 | 1.3  | 102   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.130 | 2.2  | 100   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.143 | -0.4 | 99    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.690 | 5.8  | 97    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.672 | 3.3  | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.687 | 0.8  | 101   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.368 | 4.1  | 97    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.521 | 3.7  | 98    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 102   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.626 | 3.4  | 99    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.491 | 1.9  | 99    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.644 | 3.4  | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.582 | 3.5  | 98    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.775 | -4.4 | 101   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.383 | 1.5  | 100   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.408 | 4.0  | 99    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.101 | 2.2  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.225 | 1.9  | 100   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.378 | 4.1  | 99    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.068 | -2.7 | 97    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.508 | 1.2  | 100   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.613 | 1.0  | 101   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.754 | 0.6  | 98    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.459 | 1.4  | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.706 | 3.2  | 99    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.862 | 2.8  | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.617 | 1.0  | 102   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.493 | -1.2 | 98    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.779 | 0.3  | 98    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.198 | -0.5 | 99    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.027 | -0.1 | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.483 | 3.1  | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.457 | 3.9  | 98    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.169 | 2.1  | 100   | 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 | 40.243 | -0.6 | 98    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.940 | 2.7  | 99    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.258 | 1.9  | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.207 | -0.5 | 101   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.351 | 1.6  | 100   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.167 | -0.4 | 99    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.940 | 0.2  | 103   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.632 | 3.4  | 99    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.393 | -3.5 | 98    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.399 | -3.5 | 100   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.804 | 3.0  | 97    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.084 | -0.2 | 102   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.837 | 2.9  | 97    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.691 | 0.8  | 101   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.121 | -0.3 | 98    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.403 | 4.0  | 96    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.562 | -3.9 | 100   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.001 | 2.5  | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.916 | 2.7  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.064 | 2.3  | 99    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.448 | 1.4  | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.893 | -4.7 | 99    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.926 | 2.7  | 99    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.972 | 2.6  | 98    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.248 | 1.9  | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.901 | 2.7  | 96    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.561 | 3.6  | 96    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 92    | 0.00     |
| 77   | Benzydine                  | 40.000 | 41.552 | -3.9 | 91    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.816 | -4.5 | 96    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.298 | -4.1 | 96    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.943 | -2.4 | 91    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.815 | 0.5  | 93    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.226 | -0.6 | 92    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.138 | 2.2  | 93    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.108 | -2.8 | 93    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.369 | 1.6  | 92    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.783 | -7.0 | 102   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.366 | 1.6  | 98    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.956 | 5.1  | 95    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.512 | 1.2  | 97    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.114 | -7.8 | 104   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.009 | -7.5 | 103   | 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