

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100421\  
 Data File : BP007300.D  
 Acq On : 04 Oct 2021 11:29  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 04 13:16:13 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 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   | 64    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.276 | -0.7  | 67    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.872 | 0.3   | 64    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 44.638 | -11.6 | 73    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.062 | 1.2   | 65    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.491 | 1.3   | 63    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.403 | 0.7   | 64    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.423 | 1.4   | 65    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.954 | 5.1   | 60    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.187 | 2.0   | 63    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.912 | 2.7   | 63    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.950 | 2.6   | 64    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.508 | 3.7   | 64    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.856 | 2.9   | 64    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.231 | -3.1  | 66    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.584 | 3.5   | 63    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.787 | 0.5   | 64    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.650 | 0.9   | 65    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.702 | 0.7   | 64    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.635 | 0.9   | 63    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 62    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.312 | -0.8  | 64    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.269 | -2.8  | 65    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.002 | -2.5  | 64    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.025 | -2.6  | 65    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.977 | -4.9  | 65    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.690 | 0.8   | 62    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.709 | 3.2   | 62    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.292 | -0.7  | 63    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.026 | 2.4   | 63    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.023 | 2.4   | 62    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.577 | -1.4  | 61    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 40.037 | -0.1  | 63    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.406 | 1.5   | 63    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.900 | -7.2  | 65    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.026 | -2.6  | 65    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.990 | 2.5   | 63    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.035 | 2.4   | 63    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 63    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.609 | 3.5   | 62    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.512 | 11.2  | 56    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.654 | 0.4   | 63    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.608 | 1.0   | 63    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.921 | 2.7   | 62    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.477 | 3.2   | 63    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.394 | 4.0   | 62    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.591 | 3.5   | 63    | 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 | 43.855 | -9.6 | 68    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.461 | 1.3  | 63    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.208 | 2.0  | 63    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.332 | -0.8 | 63    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.707 | 3.2  | 62    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.417 | -3.5 | 64    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.384 | 1.5  | 59    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.556 | 3.6  | 63    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.382 | 4.0  | 57    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.934 | -4.8 | 65    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.485 | 1.3  | 64    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.670 | 3.3  | 62    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.114 | -0.3 | 65    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.900 | 2.8  | 63    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.148 | -7.9 | 65    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.171 | -2.9 | 66    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 63    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.357 | -3.4 | 62    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.149 | 2.1  | 63    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.745 | 3.1  | 63    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.703 | 3.2  | 63    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.282 | 1.8  | 62    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 33.704 | 15.7 | 53    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.913 | 2.7  | 63    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.560 | 1.1  | 64    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.335 | -0.8 | 64    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.391 | -3.5 | 66    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.295 | -0.7 | 65    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 64    | 0.00     |
| 77   | Benzydine                  | 40.000 | 33.924 | 15.2 | 55    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.741 | 3.1  | 64    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.782 | 1.5  | 65    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.556 | -3.9 | 67    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.283 | 1.8  | 65    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.204 | -0.5 | 65    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.797 | 3.0  | 64    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.455 | -3.6 | 67    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.217 | -5.5 | 68    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 66    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.594 | 1.0  | 66    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.048 | 4.9  | 63    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.724 | 3.2  | 66    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.369 | 1.6  | 66    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.248 | 1.9  | 66    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.065 | 2.3  | 66    | 0.00     |

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