

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP061520\  
 Data File : BP002405.D  
 Acq On : 15 Jun 2020 11:49  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 15 13:06:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 15:08:53 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  | 63    | 0.00     |
| 2    | 1,4-Dioxane                  | 40.000 | 41.350 | -3.4 | 64    | 0.00     |
| 3    | Pyridine                     | 40.000 | 43.313 | -8.3 | 68    | 0.00     |
| 4    | n-Nitrosodimethylamine       | 40.000 | 40.654 | -1.6 | 60    | 0.00     |
| 5 S  | 2-Fluorophenol               | 80.000 | 80.330 | -0.4 | 61    | 0.00     |
| 6    | Aniline                      | 40.000 | 41.562 | -3.9 | 62    | 0.00     |
| 7 S  | Phenol-d6                    | 80.000 | 82.431 | -3.0 | 61    | 0.00     |
| 8    | 2-Chlorophenol               | 40.000 | 40.068 | -0.2 | 59    | 0.00     |
| 9    | Benzaldehyde                 | 40.000 | 39.871 | 0.3  | 59    | 0.00     |
| 10 C | Phenol                       | 40.000 | 41.383 | -3.5 | 62    | 0.00     |
| 11   | bis(2-Chloroethyl)ether      | 40.000 | 41.424 | -3.6 | 62    | 0.00     |
| 12   | 1,3-Dichlorobenzene          | 40.000 | 39.363 | 1.6  | 60    | 0.00     |
| 13 C | 1,4-Dichlorobenzene          | 40.000 | 39.205 | 2.0  | 59    | 0.00     |
| 14   | 1,2-Dichlorobenzene          | 40.000 | 39.893 | 0.3  | 60    | 0.00     |
| 15   | Benzyl Alcohol               | 40.000 | 40.768 | -1.9 | 60    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane) | 40.000 | 41.060 | -2.7 | 62    | 0.00     |
| 17   | 2-Methylphenol               | 40.000 | 41.012 | -2.5 | 61    | 0.00     |
| 18   | Hexachloroethane             | 40.000 | 39.545 | 1.1  | 60    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine   | 40.000 | 42.698 | -6.7 | 63    | 0.00     |
| 20   | 3+4-Methylphenols            | 40.000 | 41.029 | -2.6 | 60    | 0.00     |
| 21 I | Naphthalene-d8               | 20.000 | 20.000 | 0.0  | 61    | 0.00     |
| 22   | Acetophenone                 | 40.000 | 41.804 | -4.5 | 62    | 0.00     |
| 23 S | Nitrobenzene-d5              | 80.000 | 83.253 | -4.1 | 62    | 0.00     |
| 24   | Nitrobenzene                 | 40.000 | 41.590 | -4.0 | 62    | 0.00     |
| 25   | Isophorone                   | 40.000 | 41.374 | -3.4 | 61    | 0.00     |
| 26 C | 2-Nitrophenol                | 40.000 | 40.151 | -0.4 | 58    | 0.00     |
| 27   | 2,4-Dimethylphenol           | 40.000 | 40.291 | -0.7 | 59    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane   | 40.000 | 41.423 | -3.6 | 62    | 0.00     |
| 29 C | 2,4-Dichlorophenol           | 40.000 | 39.738 | 0.7  | 59    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene       | 40.000 | 39.153 | 2.1  | 58    | 0.00     |
| 31   | Naphthalene                  | 40.000 | 40.361 | -0.9 | 61    | 0.00     |
| 32   | Benzoic acid                 | 40.000 | 37.140 | 7.1  | 51    | -0.02    |
| 33   | 4-Chloroaniline              | 40.000 | 40.536 | -1.3 | 59    | 0.00     |
| 34 C | Hexachlorobutadiene          | 40.000 | 39.061 | 2.3  | 59    | 0.00     |
| 35   | Caprolactam                  | 40.000 | 39.922 | 0.2  | 56    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol      | 40.000 | 40.002 | -0.0 | 58    | 0.00     |
| 37   | 2-Methylnaphthalene          | 40.000 | 40.190 | -0.5 | 60    | 0.00     |
| 38   | 1-Methylnaphthalene          | 40.000 | 40.504 | -1.3 | 60    | 0.00     |
| 39 I | Acenaphthene-d10             | 20.000 | 20.000 | 0.0  | 60    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene   | 40.000 | 39.747 | 0.6  | 59    | 0.00     |
| 41 P | Hexachlorocyclopentadiene    | 40.000 | 39.358 | 1.6  | 56    | 0.00     |
| 42 S | 2,4,6-Tribromophenol         | 80.000 | 81.885 | -2.4 | 59    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol        | 40.000 | 39.283 | 1.8  | 56    | 0.00     |
| 44   | 2,4,5-Trichlorophenol        | 40.000 | 39.836 | 0.4  | 57    | 0.00     |

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|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 45 S | 2-Fluorobiphenyl           | 80.000 | 80.189 | -0.2 | 62    | 0.00     |
| 46   | 1,1'-Biphenyl              | 40.000 | 40.407 | -1.0 | 60    | 0.00     |
| 47   | 2-Chloronaphthalene        | 40.000 | 40.312 | -0.8 | 60    | 0.00     |
| 48   | 2-Nitroaniline             | 40.000 | 41.891 | -4.7 | 59    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.615 | -1.5 | 59    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.069 | -0.2 | 58    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.333 | -0.8 | 57    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.186 | -3.0 | 61    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.317 | -0.8 | 56    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.936 | 10.2 | 50    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.764 | -1.9 | 59    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.883 | 2.8  | 53    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.215 | -0.5 | 55    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.862 | 2.8  | 63    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.178 | -0.4 | 57    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.703 | 0.7  | 57    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.862 | -2.2 | 63    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.642 | -1.6 | 57    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.260 | -5.6 | 62    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 56    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.551 | -1.4 | 53    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.695 | -6.7 | 60    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.356 | -5.9 | 58    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.770 | 3.1  | 54    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.187 | 2.0  | 52    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.044 | -0.1 | 52    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.380 | -6.0 | 59    | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.900 | -4.7 | 59    | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.085 | -5.2 | 58    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.360 | -3.4 | 57    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.845 | -4.6 | 57    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 61    | 0.00     |
| 77   | Benzidine                  | 40.000 | 39.478 | 1.3  | 54    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.263 | -0.7 | 59    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.538 | -5.7 | 64    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.946 | 5.1  | 54    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.174 | -0.4 | 59    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.992 | 2.5  | 54    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.323 | -3.3 | 61    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.757 | 3.1  | 56    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.561 | 3.6  | 56    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 57    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.096 | -0.2 | 55    | 0.00     |

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| 88   | Benzo(b)fluoranthene   | 40.000 | 41.757 | -4.4 | 56    | 0.00     |
| 89   | Benzo(k)fluoranthene   | 40.000 | 39.244 | 1.9  | 56    | 0.00     |
| 90 C | Benzo(a)pyrene         | 40.000 | 40.337 | -0.8 | 55    | 0.00     |
| 91   | Dibenzo(a,h)anthracene | 40.000 | 40.957 | -2.4 | 56    | 0.00     |
| 92   | Benzo(q,h,i)perylene   | 40.000 | 39.044 | 2.4  | 54    | 0.00     |

(#) = Out of Range

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