

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120220\  
 Data File : BP004124.D  
 Acq On : 02 Dec 2020 11:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 02 13:00:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 11:39:42 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    | 68    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.963 | 5.1    | 69    | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.940 | 2.7    | 69    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.964 | 2.6    | 70    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.945 | -2.4   | 73    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.962 | -2.4   | 72    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.711 | -0.9   | 71    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.066 | -2.7   | 72    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.618 | 8.5    | 67    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.929 | 0.2    | 71    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.418 | 1.5    | 70    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.894 | 0.3    | 72    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.050 | -0.1   | 72    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.157 | -0.4   | 72    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.189 | -3.0   | 71    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.346 | 4.1    | 69    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.080 | -2.7   | 72    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.903 | -2.3   | 71    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.435 | -3.6   | 71    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.358 | -3.4   | 72    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 65    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.385 | -1.0   | 71    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.464 | -0.6   | 69    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.294 | -3.2   | 72    | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.345 | -5.9   | 72    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 48.644 | -21.6# | 80    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.440 | -3.6   | 72    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.104 | -0.3   | 70    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.375 | -5.9   | 72    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.616 | -1.5   | 72    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.299 | -0.7   | 71    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 32.669 | 18.3   | 56    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.960 | -2.4   | 71    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.438 | -1.1   | 72    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 46.066 | -15.2  | 76    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.258 | -5.6   | 73    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.441 | -1.1   | 71    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.961 | 0.1    | 71    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 65    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.596 | -1.5   | 71    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.253 | -8.1   | 73    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.695 | -5.9   | 72    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.414 | -6.0   | 72    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.001 | -5.0   | 72    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.403 | -1.8   | 72    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.468 | -1.2   | 72    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.895 | -2.2   | 72    | 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 | 45.956 | -14.9 | 76    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.147 | -2.9  | 72    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.590 | -4.0  | 73    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.607 | -9.0  | 74    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.419 | 4.0   | 68    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.307 | -10.8 | 76    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.216 | -3.0  | 71    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.674 | -1.7  | 72    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.161 | -2.9  | 68    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.669 | -14.2 | 77    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.894 | -2.2  | 73    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.436 | -1.1  | 69    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.967 | -4.9  | 74    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.587 | -1.5  | 73    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 45.147 | -12.9 | 77    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.786 | -2.0  | 71    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 66    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.167 | -5.4  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.981 | -2.5  | 73    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.764 | -1.9  | 73    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.316 | -0.8  | 73    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.245 | -3.1  | 71    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 36.326 | 9.2   | 62    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.436 | -1.1  | 73    | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.133 | -2.8  | 74    | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.521 | -3.8  | 75    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.412 | -11.0 | 76    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.461 | -3.7  | 74    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 68    | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.095 | -7.7  | 72    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.946 | -2.4  | 74    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.595 | -2.0  | 75    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 47.761 | -19.4 | 81    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.885 | -2.2  | 75    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.988 | -5.0  | 75    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.954 | -2.4  | 75    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 46.052 | -15.1 | 80    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 46.766 | -16.9 | 81    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 68    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.538 | 1.2   | 75    | 0.01     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.208 | 2.0   | 76    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.351 | 1.6   | 74    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.596 | 1.0   | 75    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.601 | 1.0   | 74    | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.591 | 1.0   | 75    | 0.01     |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 1