

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101818\  
 Data File : BG037418.D  
 Acq On : 18 Oct 2018 14:03  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG101818

Quant Time: Oct 18 14:51:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 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 | 38.589 | 3.5   | 101   | 0.00     |
| 3    | Pyridine                     | 40.000 | 40.165 | -0.4  | 103   | 0.00     |
| 4    | n-Nitrosodimethylamine       | 40.000 | 40.367 | -0.9  | 105   | 0.00     |
| 5 S  | 2-Fluorophenol               | 80.000 | 80.424 | -0.5  | 103   | 0.00     |
| 6    | Aniline                      | 40.000 | 40.446 | -1.1  | 103   | 0.00     |
| 7 S  | Phenol-d6                    | 80.000 | 79.343 | 0.8   | 100   | 0.00     |
| 8    | 2-Chlorophenol               | 40.000 | 39.755 | 0.6   | 101   | 0.00     |
| 9    | Benzaldehyde                 | 40.000 | 39.533 | 1.2   | 101   | 0.00     |
| 10 C | Phenol                       | 40.000 | 40.070 | -0.2  | 102   | 0.00     |
| 11   | bis(2-Chloroethyl)ether      | 40.000 | 39.373 | 1.6   | 102   | 0.00     |
| 12   | 1,3-Dichlorobenzene          | 40.000 | 39.395 | 1.5   | 102   | 0.00     |
| 13 C | 1,4-Dichlorobenzene          | 40.000 | 38.679 | 3.3   | 100   | 0.00     |
| 14   | 1,2-Dichlorobenzene          | 40.000 | 39.240 | 1.9   | 101   | 0.00     |
| 15   | Benzyl Alcohol               | 40.000 | 41.159 | -2.9  | 103   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane) | 40.000 | 39.809 | 0.5   | 102   | 0.00     |
| 17   | 2-Methylphenol               | 40.000 | 40.191 | -0.5  | 101   | 0.00     |
| 18   | Hexachloroethane             | 40.000 | 39.983 | 0.0   | 102   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine   | 40.000 | 40.397 | -1.0  | 100   | 0.00     |
| 20   | 3+4-Methylphenols            | 40.000 | 39.836 | 0.4   | 101   | 0.00     |
| 21 I | Naphthalene-d8               | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 22   | Acetophenone                 | 40.000 | 40.054 | -0.1  | 101   | 0.00     |
| 23 S | Nitrobenzene-d5              | 80.000 | 81.877 | -2.3  | 103   | 0.00     |
| 24   | Nitrobenzene                 | 40.000 | 41.167 | -2.9  | 103   | 0.00     |
| 25   | Isophorone                   | 40.000 | 41.480 | -3.7  | 102   | 0.00     |
| 26 C | 2-Nitrophenol                | 40.000 | 44.439 | -11.1 | 108   | 0.00     |
| 27   | 2,4-Dimethylphenol           | 40.000 | 40.210 | -0.5  | 100   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane   | 40.000 | 40.608 | -1.5  | 101   | 0.00     |
| 29 C | 2,4-Dichlorophenol           | 40.000 | 40.248 | -0.6  | 101   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene       | 40.000 | 40.158 | -0.4  | 103   | 0.00     |
| 31   | Naphthalene                  | 40.000 | 39.804 | 0.5   | 102   | 0.00     |
| 32   | Benzoic acid                 | 40.000 | 47.447 | -18.6 | 116   | 0.00     |
| 33   | 4-Chloroaniline              | 40.000 | 40.014 | -0.0  | 99    | 0.00     |
| 34 C | Hexachlorobutadiene          | 40.000 | 40.632 | -1.6  | 101   | 0.00     |
| 35   | Caprolactam                  | 40.000 | 42.642 | -6.6  | 104   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol      | 40.000 | 40.435 | -1.1  | 101   | 0.00     |
| 37   | 2-Methylnaphthalene          | 40.000 | 40.012 | -0.0  | 100   | 0.00     |
| 38   | 1-Methylnaphthalene          | 40.000 | 39.448 | 1.4   | 100   | 0.00     |
| 39 I | Acenaphthene-d10             | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene   | 40.000 | 41.020 | -2.6  | 103   | 0.00     |
| 41 P | Hexachlorocyclopentadiene    | 40.000 | 41.155 | -2.9  | 100   | 0.00     |
| 42 S | 2,4,6-Tribromophenol         | 80.000 | 83.990 | -5.0  | 100   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol        | 40.000 | 41.702 | -4.3  | 101   | 0.00     |
| 44   | 2,4,5-Trichlorophenol        | 40.000 | 41.699 | -4.2  | 101   | 0.00     |

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 45 S | 2-Fluorobiphenyl           | 80.000 | 79.857 | 0.2   | 101   | 0.00     |
| 46   | 1,1'-Biphenyl              | 40.000 | 39.997 | 0.0   | 101   | 0.00     |
| 47   | 2-Chloronaphthalene        | 40.000 | 39.988 | 0.0   | 101   | 0.00     |
| 48   | 2-Nitroaniline             | 40.000 | 42.251 | -5.6  | 104   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.947 | -2.4  | 102   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.417 | -1.0  | 100   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.676 | -4.2  | 101   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.284 | -0.7  | 102   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.281 | -5.7  | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.428 | -13.6 | 123   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.542 | 1.1   | 100   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.143 | -7.9  | 104   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.810 | -9.5  | 104   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.545 | 1.1   | 100   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.579 | -3.9  | 102   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.555 | -1.4  | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.503 | 1.2   | 99    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.520 | -6.3  | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.668 | 0.8   | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.435 | -3.6  | 111   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.461 | -1.2  | 100   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.671 | -1.7  | 101   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.079 | -0.2  | 100   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.282 | -3.2  | 100   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.639 | -6.6  | 103   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.897 | 0.3   | 101   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.716 | -1.8  | 102   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.503 | -1.3  | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.422 | -3.6  | 101   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.223 | -0.6  | 100   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 77   | Benzidine                  | 40.000 | 42.342 | -5.9  | 102   | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.617 | -1.5  | 101   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.175 | -0.2  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.703 | -6.8  | 102   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.607 | -1.5  | 101   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.013 | -2.5  | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.185 | -0.5  | 100   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.736 | -6.8  | 102   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.931 | -7.3  | 102   | 0.00     |
| 86   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.013 | -2.5  | 100   | 0.00     |
| 87 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |

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|------|------------------------|--------|--------|------|-------|----------|
| 88   | Benzo(b)fluoranthene   | 40.000 | 40.259 | -0.6 | 99    | 0.00     |
| 89   | Benzo(k)fluoranthene   | 40.000 | 41.283 | -3.2 | 101   | 0.00     |
| 90 C | Benzo(a)pyrene         | 40.000 | 40.902 | -2.3 | 100   | 0.00     |
| 91   | Dibenzo(a,h)anthracene | 40.000 | 40.670 | -1.7 | 98    | 0.00     |
| 92   | Benzo(g,h,i)perylene   | 40.000 | 39.963 | 0.1  | 98    | 0.00     |

(#) = Out of Range

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