

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122923\  
 Data File : BG060184.D  
 Acq On : 29 Dec 2023 17:19  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG122923

Quant Time: Dec 30 03:15:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 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  | 96    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.381 | -1.0 | 102   | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.596 | -6.5 | 108   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.949 | -2.4 | 105   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 85.013 | -6.3 | 107   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.702 | 0.7  | 94    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.974 | 1.3  | 95    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.934 | 2.7  | 95    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.474 | 6.3  | 96    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.045 | 2.4  | 95    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.092 | 2.3  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.831 | 2.9  | 95    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.303 | 1.7  | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.950 | 0.1  | 108   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.990 | -2.5 | 106   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.737 | 0.7  | 108   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.911 | -2.3 | 106   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.287 | -3.2 | 109   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.841 | -2.1 | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.755 | -1.9 | 106   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 106   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.258 | 1.9  | 106   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.184 | -2.7 | 107   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.904 | -2.3 | 107   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.695 | 0.8  | 104   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.316 | -8.3 | 110   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.015 | -0.0 | 106   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.691 | 0.8  | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.832 | -4.6 | 106   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.425 | 1.4  | 105   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.607 | 1.0  | 106   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.369 | 1.6  | 112   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.091 | -2.7 | 106   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.979 | 2.6  | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.862 | -7.2 | 113   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.273 | -3.2 | 105   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.926 | -2.3 | 105   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.306 | -0.8 | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 106   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.053 | 2.4  | 106   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.422 | -1.1 | 106   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.350 | -4.2 | 106   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.076 | -2.7 | 107   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.218 | -3.0 | 106   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.166 | 1.0  | 104   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.164 | 2.1  | 102   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.440 | 1.4  | 105   | 0.00     |

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 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG122923

Quant Time: Dec 30 03:15:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 30 03:14:04 2023  
 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) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.814 | -9.5  | 111   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.693 | -1.7  | 105   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.360 | 1.6   | 103   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.230 | -8.1  | 109   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.645 | 0.9   | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.403 | -8.5  | 107   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 40.610 | -1.5  | 116   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.733 | 0.7   | 105   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.918 | -9.8  | 107   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.658 | -9.1  | 109   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.952 | 0.1   | 103   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.355 | -3.4  | 106   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.567 | -1.4  | 107   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.946 | 2.6   | 102   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.845 | -7.1  | 105   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.957 | 0.1   | 103   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.353 | -8.4  | 113   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.298 | -0.7  | 105   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.872 | 2.8   | 104   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.097 | -0.2  | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.787 | -2.0  | 109   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.637 | -9.1  | 107   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.317 | -0.8  | 105   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.683 | -1.7  | 105   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.552 | -1.4  | 105   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.673 | -6.7  | 109   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.012 | -0.0  | 106   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.455 | 6.4   | 98    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.002 | -0.0  | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 66.099 | 17.4  | 105   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.609 | -14.0 | 118   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.421 | -1.1  | 107   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.100 | -2.8  | 108   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.572 | -1.4  | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.981 | -12.5 | 117   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 45.454 | -13.6 | 116   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 107   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.361 | -0.9  | 108   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.850 | 0.4   | 106   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.483 | 1.3   | 105   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.016 | -0.0  | 107   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.139 | -0.3  | 108   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.197 | -0.5  | 109   | 0.00     |

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

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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