

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030922\  
 Data File : BG052623.D  
 Acq On : 9 Mar 2022 22:16  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG030922

Quant Time: Mar 10 06:39:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 06:37:54 2022  
 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   | 116   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.020 | 7.4   | 111   | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.405 | 1.5   | 113   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.284 | 4.3   | 110   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.310 | 2.1   | 114   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.927 | 0.2   | 113   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.390 | 0.8   | 115   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.301 | 1.7   | 113   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.774 | 5.6   | 113   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.363 | 1.6   | 115   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.827 | 5.4   | 110   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.452 | 3.9   | 113   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.292 | 4.3   | 113   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.619 | 6.0   | 110   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.263 | -0.7  | 116   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.843 | 5.4   | 111   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.851 | 2.9   | 112   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.089 | 4.8   | 112   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.250 | 1.9   | 115   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.956 | 0.1   | 114   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.799 | 0.5   | 115   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.332 | -0.4  | 114   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.133 | -0.3  | 113   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.025 | -2.6  | 115   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.520 | -3.8  | 118   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 42.380 | -6.0  | 117   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.074 | -0.2  | 113   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.599 | -4.0  | 114   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.284 | -0.7  | 117   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.093 | -0.2  | 114   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 29.443 | 26.4# | 130   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 42.130 | -5.3  | 118   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.730 | 0.7   | 114   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.992 | -10.0 | 123   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.405 | -3.5  | 117   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.891 | -2.2  | 115   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.810 | -2.0  | 115   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.600 | 1.0   | 116   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.907 | -4.8  | 115   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.849 | -3.6  | 114   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.931 | -7.3  | 118   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.678 | -1.7  | 114   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.996 | 1.3   | 114   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.757 | 0.6   | 113   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.578 | 1.1   | 114   | 0.00     |

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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 | 40.605 | -1.5 | 113   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.038 | -0.1 | 114   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.917 | 0.2  | 114   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.947 | 0.1  | 117   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.923 | 0.2  | 114   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.045 | -2.6 | 113   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.963 | 0.1  | 119   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.794 | 0.5  | 115   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.296 | -8.2 | 114   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.297 | -3.2 | 118   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.389 | 1.5  | 113   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.549 | -8.9 | 119   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.801 | 0.5  | 114   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.627 | 0.9  | 114   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.052 | -0.1 | 113   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.627 | 0.9  | 114   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 113   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.369 | -5.9 | 114   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.675 | -1.7 | 112   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.064 | -0.2 | 114   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.353 | -0.9 | 115   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.888 | -7.2 | 117   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.608 | -4.0 | 114   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.801 | 0.5  | 112   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.528 | 1.2  | 110   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.043 | -0.1 | 113   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.458 | -1.1 | 112   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.855 | 2.9  | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 111   | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.395 | 4.0  | 97    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.292 | -0.7 | 111   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 79.690 | 0.4  | 110   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.344 | -3.4 | 110   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.156 | -0.4 | 109   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.572 | 1.1  | 104   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.894 | 0.3  | 109   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.209 | -3.0 | 110   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.768 | -4.4 | 111   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 109   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.470 | -1.2 | 109   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.466 | -1.2 | 109   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.283 | -0.7 | 110   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.866 | -2.2 | 110   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.329 | -0.8 | 109   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.533 | -1.3 | 109   | 0.00     |

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

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