

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011823\  
 Data File : BG056330.D  
 Acq On : 18 Jan 2023 15:59  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 19 00:32:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 34.795 | 13.0  | 91    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.758 | 10.6  | 95    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.165 | 9.6   | 94    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.405 | 2.0   | 107   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.847 | 5.4   | 102   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.349 | 4.6   | 101   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.651 | -4.1  | 112   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 32.980 | 17.6  | 93    | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.877 | 5.3   | 101   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.143 | 2.1   | 106   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.055 | -0.1  | 110   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.743 | -1.9  | 110   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.071 | -0.2  | 109   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.305 | 6.7   | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 48.370 | -20.9 | 132   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.198 | 2.0   | 104   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.056 | -7.6  | 117   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.994 | 7.5   | 100   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.358 | 1.6   | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.278 | 4.3   | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.668 | 2.9   | 103   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.480 | 3.8   | 102   | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.434 | 8.9   | 96    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.494 | -3.7  | 109   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.812 | 3.0   | 103   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.125 | 2.2   | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.452 | -1.1  | 103   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.925 | 0.2   | 106   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.951 | -2.4  | 109   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 34.493 | 13.8  | 87    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.172 | 2.1   | 103   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.574 | -1.4  | 106   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 36.939 | 7.7   | 98    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.908 | 5.2   | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.646 | 0.9   | 104   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.849 | 0.4   | 106   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.652 | -4.1  | 102   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.020 | -5.1  | 98    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.338 | -2.9  | 101   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.254 | -3.1  | 99    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.429 | -1.1  | 99    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.732 | -4.7  | 103   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 42.046 | -5.1  | 103   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.710 | -4.3  | 102   | 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 | 41.476 | -3.7 | 102   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.116 | -2.8 | 101   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.959 | 0.1  | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.920 | -2.3 | 103   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.080 | -5.2 | 103   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.379 | -3.4 | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.818 | 0.5  | 94    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.809 | -2.0 | 100   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.655 | 0.9  | 95    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.025 | -2.6 | 99    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.901 | 0.2  | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.375 | 4.1  | 94    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.219 | 2.0  | 97    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.289 | -0.7 | 99    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.990 | -2.5 | 99    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.310 | 1.7  | 98    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 95    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.915 | -9.8 | 99    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.935 | -4.8 | 98    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.415 | -3.5 | 97    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.571 | -6.4 | 99    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.145 | -0.4 | 92    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.974 | 0.1  | 91    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.031 | -0.1 | 94    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.225 | -0.6 | 94    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.705 | 0.7  | 92    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.334 | -3.3 | 96    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.837 | 5.4  | 88    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 83    | 0.00     |
| 77   | Benzidine                  | 40.000 | 34.157 | 14.6 | 68    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.410 | -6.0 | 88    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.791 | -6.0 | 88    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.361 | -8.4 | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.239 | -3.1 | 85    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.733 | -1.8 | 81    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.410 | -3.5 | 85    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.938 | -7.3 | 88    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.715 | -4.3 | 85    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 81    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.276 | -3.2 | 82    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.068 | -2.7 | 82    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.226 | -3.1 | 83    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.009 | -2.5 | 82    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.733 | -4.3 | 84    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.074 | -2.7 | 81    | 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