

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012621\  
 Data File : BG048000.D  
 Acq On : 26 Jan 2021 9:14  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 26 10:57:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 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   | 87    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.513 | -3.8  | 99    | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.862 | -4.7  | 89    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 41.059 | -2.6  | 88    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.215 | -1.5  | 90    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.958 | 0.1   | 86    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.809 | -3.5  | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.313 | -3.3  | 90    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.898 | -4.7  | 90    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.680 | -1.7  | 88    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.336 | -0.8  | 87    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.448 | -3.6  | 92    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.558 | -3.9  | 91    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.553 | -1.4  | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.832 | -2.1  | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.000 | 2.5   | 85    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 39.845 | 0.4   | 88    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.826 | -2.1  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.406 | 1.5   | 86    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.630 | 0.9   | 85    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.228 | -0.6  | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.995 | -2.5  | 87    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.339 | -3.3  | 87    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.221 | -3.1  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.960 | -2.4  | 88    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.333 | -0.8  | 87    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.946 | -2.4  | 88    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.977 | -4.9  | 89    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 42.018 | -5.0  | 88    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.959 | -2.4  | 87    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.767 | -14.4 | 91    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 42.152 | -5.4  | 89    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.056 | -2.6  | 87    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.631 | -9.1  | 92    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.316 | -5.8  | 90    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.026 | -5.1  | 89    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.454 | -3.6  | 87    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.526 | -1.3  | 90    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.218 | -0.5  | 87    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.539 | -10.7 | 97    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.807 | -4.5  | 92    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.921 | -4.8  | 90    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.884 | -2.4  | 91    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.610 | -1.5  | 90    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.509 | -1.3  | 90    | 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 | 41.746 | -4.4  | 89    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.499 | -3.7  | 92    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.115 | -5.3  | 93    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.475 | -6.2  | 93    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.199 | -3.0  | 91    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.862 | -9.7  | 96    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.604 | -14.0 | 95    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.826 | -4.6  | 93    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 46.521 | -16.3 | 100   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.972 | -9.9  | 94    | 0.00     |
| 58   | Fluorene                   | 40.000 | 42.413 | -6.0  | 94    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.943 | -9.9  | 97    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.286 | -5.7  | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.353 | -5.9  | 93    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.683 | -11.7 | 97    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.898 | -4.7  | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.225 | -3.1  | 94    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.983 | 0.0   | 94    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.609 | -1.5  | 96    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.567 | -1.4  | 97    | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.079 | -5.2  | 98    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.808 | -7.0  | 97    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.097 | -2.7  | 97    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.901 | -2.3  | 97    | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.769 | -4.4  | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.130 | -2.8  | 97    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.275 | -5.7  | 101   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 77   | Benzydine                  | 40.000 | 44.230 | -10.6 | 101   | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.908 | -2.3  | 101   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.755 | -0.9  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.210 | -3.0  | 101   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.887 | -2.2  | 102   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.536 | -3.8  | 102   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.924 | -2.3  | 102   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.721 | -1.8  | 102   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.610 | -1.5  | 100   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.584 | -1.5  | 101   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.443 | -1.1  | 100   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.738 | -1.8  | 101   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.773 | -1.9  | 101   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.189 | -0.5  | 99    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.633 | -1.6  | 101   | -0.01    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0