

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG033121\  
 Data File : BG048523.D  
 Acq On : 31 Mar 2021 10:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 31 11:41:50 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 31 11:41:32 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  | 101   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.301 | -0.8 | 109   | 0.00     |
| 3    | Pyridine                    | 40.000 | 43.965 | -9.9 | 106   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.623 | -9.1 | 111   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 84.690 | -5.9 | 106   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.267 | 1.8  | 102   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.072 | -2.6 | 104   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.317 | -0.8 | 104   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.020 | -2.6 | 100   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.484 | -3.7 | 108   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.744 | 3.1  | 98    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.984 | -2.5 | 104   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.200 | -0.5 | 103   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.555 | -3.9 | 107   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.785 | -7.0 | 106   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.874 | -2.2 | 100   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.664 | -1.7 | 103   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.432 | -3.6 | 101   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.737 | -4.3 | 107   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.096 | -5.2 | 106   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 107   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.977 | 2.6  | 103   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.749 | 0.3  | 102   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.660 | -4.1 | 108   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.314 | 1.7  | 103   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 38.578 | 3.6  | 107   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.733 | 0.7  | 105   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.673 | 0.8  | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.988 | 0.0  | 106   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.090 | -0.2 | 107   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.334 | 1.7  | 104   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.554 | -3.9 | 115   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.000 | 0.0  | 105   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.303 | 4.2  | 100   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.492 | -1.2 | 102   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.649 | -4.1 | 111   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.843 | 2.9  | 101   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.368 | 4.1  | 103   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 103   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.318 | -3.3 | 106   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.925 | -2.3 | 102   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.069 | -3.8 | 106   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.253 | -3.1 | 102   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.593 | -4.0 | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.106 | -0.1 | 104   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.655 | -1.6 | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.567 | -1.4 | 105   | 0.00     |

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 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 | 41.659 | -4.1 | 108   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.391 | -1.0 | 105   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.575 | -1.4 | 106   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.091 | -2.7 | 103   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.821 | -2.1 | 105   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.196 | -5.5 | 108   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.712 | -6.8 | 102   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.379 | -0.9 | 106   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.197 | -5.5 | 106   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.130 | -7.8 | 108   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.936 | 0.2  | 105   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.507 | -6.3 | 108   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.910 | -2.3 | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.282 | -0.7 | 102   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.890 | -4.7 | 110   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.383 | -3.5 | 106   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 106   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.128 | -5.3 | 107   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.861 | 0.3  | 107   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.222 | -0.6 | 107   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.781 | 3.0  | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.469 | -1.2 | 110   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.731 | -4.3 | 106   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.764 | -1.9 | 109   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.827 | 0.4  | 107   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.895 | 2.8  | 104   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.307 | -0.8 | 107   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.758 | 0.6  | 105   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 106   | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.332 | -8.3 | 112   | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.061 | -2.7 | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.620 | -2.0 | 107   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.698 | -4.2 | 104   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.508 | -1.3 | 107   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.329 | -3.3 | 109   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.508 | -1.3 | 105   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.564 | -3.9 | 106   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.159 | -2.9 | 107   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.981 | -2.5 | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.867 | -2.2 | 107   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.580 | -1.4 | 109   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.668 | -1.7 | 108   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.942 | 0.1  | 107   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.475 | -1.2 | 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