

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090624\  
 Data File : BG062673.D  
 Acq On : 6 Sep 2024 9:14  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 06 11:01:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 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  | 104   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.494 | -1.2 | 107   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.326 | -0.8 | 103   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.649 | -1.6 | 102   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.546 | 4.3  | 97    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.114 | 7.2  | 91    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 75.322 | 5.8  | 94    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.545 | 3.6  | 98    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.107 | -2.8 | 108   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.148 | 4.6  | 95    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.751 | 5.6  | 96    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.838 | 2.9  | 100   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.474 | 3.8  | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.270 | 1.8  | 99    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.459 | 3.9  | 93    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.442 | 13.9 | 92    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.925 | 5.2  | 95    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 36.508 | 8.7  | 93    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 34.694 | 13.3 | 85    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.261 | 9.3  | 91    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 95    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.306 | 6.7  | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.732 | -0.9 | 94    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.128 | 2.2  | 89    | 0.00     |
| 25   | Isophorone                  | 40.000 | 33.895 | 15.3 | 79    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 37.547 | 6.1  | 86    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.250 | 9.4  | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.809 | 8.0  | 84    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.895 | 0.3  | 92    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.469 | -1.2 | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.058 | 2.4  | 92    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 35.725 | 10.7 | 81    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.395 | 1.5  | 92    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.917 | -4.8 | 102   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.981 | 0.0  | 92    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.947 | 2.6  | 89    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.842 | 5.4  | 88    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.366 | 6.6  | 87    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.494 | 3.8  | 92    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.578 | -1.4 | 94    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 86.092 | -7.6 | 101   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.545 | 3.6  | 90    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.233 | 1.9  | 91    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.823 | 6.5  | 89    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.106 | 7.2  | 88    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.906 | 5.2  | 90    | 0.00     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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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 | 42.310 | -5.8  | 97    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.196 | 2.0   | 91    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.102 | 4.7   | 90    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.596 | -9.0  | 98    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.148 | 2.1   | 93    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.895 | -9.7  | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.920 | -4.8  | 98    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.214 | 2.0   | 93    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 44.437 | -11.1 | 99    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.939 | -14.8 | 105   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.509 | -1.3  | 98    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.717 | -4.3  | 101   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.169 | 2.1   | 94    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.333 | -0.8  | 97    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.136 | -10.3 | 101   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.740 | 3.1   | 92    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.200 | -5.5  | 104   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.823 | 2.9   | 96    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.724 | 0.7   | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.156 | -0.4  | 100   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.987 | -2.5  | 119   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.252 | -0.6  | 97    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.945 | 2.6   | 97    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.205 | 2.0   | 96    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.495 | 1.3   | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.905 | 2.7   | 96    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.474 | -1.2  | 102   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 77   | Benzydine                  | 40.000 | 44.364 | -10.9 | 101   | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.684 | 5.8   | 103   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 73.663 | 7.9   | 104   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 35.702 | 10.7  | 96    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.500 | 3.8   | 106   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.624 | 3.4   | 105   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.001 | 2.5   | 107   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 36.172 | 9.6   | 97    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 34.917 | 12.7  | 93    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.785 | 0.5   | 108   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.148 | 2.1   | 107   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.323 | 1.7   | 106   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.120 | 2.2   | 106   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.533 | -1.3  | 111   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.191 | -0.5  | 109   | 0.01     |

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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