

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020525\  
 Data File : BG063996.D  
 Acq On : 5 Feb 2025 10:26  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 05 11:06:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 02:51:00 2025  
 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   | 109   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.904 | 7.7   | 99    | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.429 | 6.4   | 98    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.898 | 5.3   | 102   | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.620 | -3.3  | 105   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.401 | 1.5   | 104   | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 81.747 | -2.2  | 107   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.205 | -3.0  | 105   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.231 | -0.6  | 107   | -0.01    |
| 10 C | Phenol                      | 40.000 | 40.009 | -0.0  | 106   | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.706 | 3.2   | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.246 | 4.4   | 102   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.842 | 2.9   | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.388 | 1.5   | 106   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.243 | -0.6  | 106   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.974 | 2.6   | 105   | -0.02    |
| 17   | 2-Methylphenol              | 40.000 | 39.632 | 0.9   | 103   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.791 | -4.5  | 107   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.291 | -0.7  | 105   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.385 | -1.0  | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.136 | 2.2   | 103   | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 90.524 | -13.2 | 118   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.482 | -1.2  | 113   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.672 | 0.8   | 105   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 46.454 | -16.1 | 140   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 42.309 | -5.8  | 107   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.884 | 0.3   | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.917 | 0.2   | 111   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.696 | 0.8   | 105   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.330 | 1.7   | 103   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 44.581 | -11.5 | 136   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.481 | 1.3   | 102   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.798 | 0.5   | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.534 | 3.7   | 108   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.579 | -3.9  | 104   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.211 | 2.0   | 103   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.390 | 4.0   | 103   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.329 | 1.7   | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 47.032 | -17.6 | 113   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.949 | -3.7  | 122   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.290 | -0.7  | 112   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.231 | -0.6  | 108   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.349 | 0.8   | 103   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.855 | 2.9   | 102   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.148 | 2.1   | 103   | 0.00     |

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 LabSampleId :  
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 02:51:00 2025  
 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 | 44.802 | -12.0  | 129   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.522 | 1.2    | 103   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.138 | -5.3   | 106   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.440 | -8.6   | 122   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.083 | -0.2   | 106   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.298 | -3.2   | 117   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.690 | -14.2  | 141   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.112 | 2.2    | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.262 | -3.2   | 123   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.176 | -10.4  | 127   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.530 | 1.2    | 105   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.818 | -2.0   | 117   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.818 | -4.5   | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.328 | 1.7    | 106   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.675 | -4.2   | 117   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.390 | 1.5    | 105   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 108   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 47.195 | -18.0  | 146   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.238 | -0.6   | 106   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.167 | -2.9   | 108   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.723 | 0.7    | 104   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.192 | -3.0   | 104   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.332 | -0.8   | 120   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.412 | 1.5    | 105   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.285 | 1.8    | 104   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.281 | -0.7   | 108   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.768 | -11.9  | 109   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.649 | 0.9    | 106   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 106   | 0.00     |
| 77   | Benzidine                  | 40.000 | 58.084 | -45.2# | 139   | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.216 | -0.5   | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 79.040 | 1.2    | 105   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.849 | 0.4    | 114   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.842 | 0.4    | 105   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.860 | -9.6   | 106   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.365 | 1.6    | 106   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.908 | 0.2    | 110   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.231 | -0.6   | 114   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 105   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.793 | -2.0   | 106   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.356 | -0.9   | 104   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.333 | -0.8   | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.404 | -1.0   | 105   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.253 | -0.6   | 104   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.462 | -1.2   | 105   | 0.00     |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

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

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