

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081621\  
 Data File : BG049845.D  
 Acq On : 16 Aug 2021 11:02  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 17 09:21:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 18:23:02 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  | 113   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.499 | -3.7 | 115   | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.740 | 10.6 | 94    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.640 | 10.9 | 96    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.870 | 5.2  | 100   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.348 | 4.1  | 101   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 74.224 | 7.2  | 98    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.043 | 4.9  | 104   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.622 | 0.9  | 108   | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.742 | 5.6  | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.135 | 7.2  | 100   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.098 | 7.3  | 102   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.264 | 6.8  | 101   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.234 | 4.4  | 101   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 36.505 | 8.7  | 95    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.528 | 11.2 | 94    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.210 | -0.5 | 105   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.954 | 2.6  | 102   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.325 | 6.7  | 98    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.318 | 4.2  | 101   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 116   | 0.00     |
| 22   | Acetophenone                | 40.000 | 35.266 | 11.8 | 101   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 69.762 | 12.8 | 99    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 34.307 | 14.2 | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 34.586 | 13.5 | 98    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 36.428 | 8.9  | 101   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.052 | 4.9  | 108   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.504 | 11.2 | 101   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 36.249 | 9.4  | 103   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 36.779 | 8.1  | 107   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 35.968 | 10.1 | 104   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 32.215 | 19.5 | 89    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 36.654 | 8.4  | 103   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.825 | 10.4 | 104   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.846 | 5.4  | 109   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.197 | 9.5  | 102   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 35.847 | 10.4 | 101   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.126 | 9.7  | 104   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 118   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.719 | 8.2  | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.033 | 7.4  | 107   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 74.077 | 7.4  | 108   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.262 | 6.8  | 104   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 35.932 | 10.2 | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 70.528 | 11.8 | 101   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 35.439 | 11.4 | 102   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.340 | 9.1  | 103   | 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 | 34.370 | 14.1 | 97    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 35.620 | 11.0 | 102   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 35.641 | 10.9 | 104   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 35.996 | 10.0 | 100   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 34.995 | 12.5 | 100   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 36.984 | 7.5  | 106   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.693 | 8.3  | 104   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 35.644 | 10.9 | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.217 | 14.5 | 93    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 36.920 | 7.7  | 108   | 0.00     |
| 58   | Fluorene                   | 40.000 | 35.769 | 10.6 | 103   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 34.597 | 13.5 | 101   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 35.666 | 10.8 | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 35.650 | 10.9 | 103   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.189 | 7.0  | 104   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 33.713 | 15.7 | 98    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 123   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.695 | 5.8  | 108   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 35.834 | 10.4 | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 34.406 | 14.0 | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.201 | 9.5  | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 36.652 | 8.4  | 107   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 36.689 | 8.3  | 106   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.285 | 9.3  | 107   | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.249 | 9.4  | 107   | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.297 | 9.3  | 105   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 35.765 | 10.6 | 105   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.586 | 8.5  | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 118   | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.839 | 2.9  | 98    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.033 | 7.4  | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 73.260 | 8.4  | 105   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 36.493 | 8.8  | 104   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 36.021 | 9.9  | 103   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 35.353 | 11.6 | 98    | 0.00     |
| 83   | Chrysene                   | 40.000 | 35.635 | 10.9 | 104   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 35.363 | 11.6 | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 35.802 | 10.5 | 102   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 114   | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 35.788 | 10.5 | 100   | 0.03     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 35.907 | 10.2 | 102   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.758 | 8.1  | 102   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 35.808 | 10.5 | 101   | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 35.911 | 10.2 | 99    | 0.03     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 35.810 | 10.5 | 101   | 0.03     |

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