

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080522\  
 Data File : BM036122.D  
 Acq On : 05 Aug 2022 16:50  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 06 01:12:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 03:36:25 2022  
 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   | 82    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.699 | 3.3   | 89    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.561 | -1.4  | 96    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.991 | -2.5  | 95    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.868 | -1.1  | 92    | -0.02    |
| 6    | Aniline                     | 40.000 | 42.145 | -5.4  | 96    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 84.459 | -5.6  | 96    | -0.04    |
| 8    | 2-Chlorophenol              | 40.000 | 40.867 | -2.2  | 92    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 37.131 | 7.2   | 95    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.097 | -5.2  | 96    | -0.04    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.605 | 1.0   | 88    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.755 | 0.6   | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.929 | 0.2   | 89    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.955 | 0.1   | 89    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.392 | -8.5  | 98    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.249 | 1.9   | 86    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.347 | -5.9  | 97    | -0.02    |
| 18   | Hexachloroethane            | 40.000 | 39.565 | 1.1   | 86    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.071 | -5.2  | 94    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.763 | -6.9  | 97    | -0.03    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.340 | 1.6   | 94    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.701 | 1.6   | 94    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.586 | 1.0   | 95    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.266 | -0.7  | 95    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.551 | -6.4  | 99    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.479 | -1.2  | 96    | -0.02    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.888 | 5.3   | 89    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.817 | -2.0  | 97    | -0.02    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.082 | 4.8   | 89    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.607 | 3.5   | 93    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 44.164 | -10.4 | 105   | -0.06    |
| 33   | 4-Chloroaniline             | 40.000 | 40.213 | -0.5  | 97    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.769 | 8.1   | 84    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 47.088 | -17.7 | 119   | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.082 | -5.2  | 102   | -0.03    |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.313 | 1.7   | 94    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.459 | 1.4   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.611 | 8.5   | 91    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.869 | 10.3  | 85    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.973 | -2.5  | 105   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.290 | 1.8   | 98    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.746 | 0.6   | 100   | -0.02    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 73.312 | 8.4   | 92    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.405 | 6.5   | 96    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.396 | 6.5   | 96    | 0.00     |

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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 | 43.413 | -8.5  | 114   | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 38.799 | 3.0   | 100   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.751 | 3.1   | 101   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.222 | -3.1  | 105   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.128 | 2.2   | 102   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.932 | -9.8  | 116   | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 46.732 | -16.8 | 122   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.621 | 3.4   | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.081 | -12.7 | 120   | -0.04    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.615 | -9.0  | 112   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.983 | 2.5   | 103   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.491 | -1.2  | 105   | -0.01    |
| 60   | Diethylphthalate           | 40.000 | 38.975 | 2.6   | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.699 | 5.8   | 97    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 45.507 | -13.8 | 121   | -0.01    |
| 63   | Azobenzene                 | 40.000 | 39.202 | 2.0   | 99    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.723 | -9.3  | 118   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.348 | 6.6   | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.166 | 9.6   | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.618 | 8.5   | 102   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.198 | -3.0  | 108   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.657 | -1.6  | 112   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.956 | 5.1   | 109   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.810 | 3.0   | 110   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.682 | 0.8   | 115   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.309 | 4.2   | 104   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.224 | 1.9   | 113   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.423 | 1.4   | 104   | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.783 | 3.0   | 114   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.866 | 6.4   | 106   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.184 | -0.5  | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.062 | 4.8   | 111   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.919 | -2.3  | 117   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.039 | 4.9   | 111   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 37.268 | 6.8   | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.475 | 3.8   | 104   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.223 | 4.4   | 114   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.442 | 6.4   | 111   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.253 | 6.9   | 110   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.304 | 4.2   | 114   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.397 | 4.0   | 114   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.774 | 3.1   | 116   | -0.01    |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 0