

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011822\  
 Data File : BM033774.D  
 Acq On : 18 Jan 2022 21:20  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 19 04:22:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 17 16:30:56 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  | 118   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.023 | 4.9  | 125   | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.169 | 4.6  | 120   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.775 | 5.6  | 118   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.242 | 5.9  | 120   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.568 | 6.1  | 118   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 75.700 | 5.4  | 118   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.039 | 7.4  | 117   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.393 | -3.5 | 121   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.259 | 4.4  | 119   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.880 | 7.8  | 118   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.455 | 8.9  | 117   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.531 | 8.7  | 117   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.484 | 8.8  | 117   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.004 | 7.5  | 116   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.933 | 2.7  | 124   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 37.297 | 6.8  | 116   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 36.712 | 8.2  | 119   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.902 | 7.7  | 117   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.656 | 5.9  | 117   | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 116   | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.181 | 9.5  | 116   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 72.474 | 9.4  | 116   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.488 | 8.8  | 117   | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.146 | 9.6  | 116   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 36.516 | 8.7  | 114   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 35.908 | 10.2 | 114   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.166 | 9.6  | 118   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 35.759 | 10.6 | 114   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 35.365 | 11.6 | 114   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 35.750 | 10.6 | 115   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.146 | 2.1  | 117   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 36.266 | 9.3  | 115   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 34.682 | 13.3 | 112   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 36.815 | 8.0  | 117   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.253 | 9.4  | 116   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 35.082 | 12.3 | 114   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.215 | 12.0 | 114   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 115   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 34.775 | 13.1 | 112   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.334 | 14.2 | 107   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 68.639 | 14.2 | 109   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 35.854 | 10.4 | 114   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 36.138 | 9.7  | 115   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 69.616 | 13.0 | 113   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 35.381 | 11.5 | 114   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 35.679 | 10.8 | 115   | 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 | 38.069 | 4.8  | 117   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 35.813 | 10.5 | 115   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 35.415 | 11.5 | 115   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 36.526 | 8.7  | 116   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.083 | 9.8  | 115   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 36.997 | 7.5  | 116   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 37.288 | 6.8  | 112   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 35.257 | 11.9 | 115   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.807 | 3.0  | 120   | -0.01    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 37.661 | 5.8  | 118   | 0.00     |
| 58   | Fluorene                   | 40.000 | 34.831 | 12.9 | 113   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 35.568 | 11.1 | 114   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 35.811 | 10.5 | 115   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 34.909 | 12.7 | 114   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.992 | 5.0  | 118   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.958 | 7.6  | 118   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 117   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 36.962 | 7.6  | 113   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 35.217 | 12.0 | 115   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 33.671 | 15.8 | 111   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 33.925 | 15.2 | 113   | 0.00     |
| 69   | Atrazine                   | 40.000 | 35.037 | 12.4 | 114   | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 36.185 | 9.5  | 114   | -0.01    |
| 71   | Phenanthrene               | 40.000 | 35.077 | 12.3 | 116   | 0.00     |
| 72   | Anthracene                 | 40.000 | 35.480 | 11.3 | 116   | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.198 | 9.5  | 118   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 36.345 | 9.1  | 117   | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 36.382 | 9.0  | 119   | -0.01    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 132   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.576 | 6.1  | 141   | 0.00     |
| 78   | Pyrene                     | 40.000 | 32.922 | 17.7 | 119   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 65.509 | 18.1 | 119   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 35.602 | 11.0 | 127   | -0.01    |
| 81   | Benzo(a)anthracene         | 40.000 | 36.117 | 9.7  | 131   | -0.01    |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 35.957 | 10.1 | 132   | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.066 | 9.8  | 133   | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 35.860 | 10.4 | 130   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.701 | 3.2  | 142   | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 148   | -0.01    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 34.440 | 13.9 | 143   | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.592 | 8.5  | 148   | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.419 | 9.0  | 147   | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 36.442 | 8.9  | 147   | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 34.577 | 13.6 | 142   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 33.921 | 15.2 | 140   | -0.02    |

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

(#) = Out of Range

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