

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102221\  
 Data File : BM032667.D  
 Acq On : 22 Oct 2021 10:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 23 01:23:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM100221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 23 01:22:28 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  | 67    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 34.590 | 13.5 | 62    | 0.00     |
| 3    | Pyridine                    | 40.000 | 36.046 | 9.9  | 63    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.535 | 8.7  | 63    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 72.754 | 9.1  | 63    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.211 | 4.5  | 65    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.226 | 4.7  | 66    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.769 | 5.6  | 66    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.911 | 12.7 | 65    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.451 | 3.9  | 66    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.816 | 5.5  | 66    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.750 | 8.1  | 64    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.908 | 7.7  | 65    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.594 | 6.0  | 66    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.686 | 3.3  | 65    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.384 | -1.0 | 70    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.134 | 2.2  | 67    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.355 | 4.1  | 65    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.768 | 0.6  | 67    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.357 | 1.6  | 66    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 69    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.593 | 6.0  | 67    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.081 | 3.6  | 68    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.559 | 3.6  | 68    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.078 | 2.3  | 67    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.456 | -3.6 | 70    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.629 | 5.9  | 66    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.845 | 7.9  | 66    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.601 | 3.5  | 67    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.317 | 6.7  | 67    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.521 | 6.2  | 68    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.429 | -6.1 | 73    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 37.653 | 5.9  | 66    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.959 | 7.6  | 67    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.948 | -2.4 | 66    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.048 | 2.4  | 68    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.592 | 6.0  | 67    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.755 | 5.6  | 67    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 70    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.716 | 8.2  | 68    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.174 | 4.6  | 67    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 72.126 | 9.8  | 63    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.373 | 4.1  | 68    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.700 | 3.2  | 69    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 70.559 | 11.8 | 68    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.831 | 7.9  | 68    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.185 | 7.0  | 68    | 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 | 42.156 | -5.4   | 71    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.094 | 4.8    | 68    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.464 | 6.3    | 67    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.644 | 0.9    | 69    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.649 | 5.9    | 68    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.409 | 1.5    | 67    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.033 | 2.4    | 65    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.303 | 6.7    | 68    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.715 | 3.2    | 65    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.030 | -2.6   | 69    | 0.00     |
| 58   | Fluorene                   | 40.000 | 35.712 | 10.7   | 69    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.690 | 3.3    | 68    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.055 | 4.9    | 68    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 35.210 | 12.0   | 68    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.670 | -1.7   | 68    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.775 | 3.1    | 68    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 70    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.985 | -2.5   | 67    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.410 | 6.5    | 68    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.065 | 7.3    | 67    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.937 | 10.2   | 65    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.401 | 4.0    | 68    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.892 | 2.8    | 66    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.894 | 7.8    | 67    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.097 | 4.8    | 68    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.393 | 6.5    | 67    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.351 | -0.9   | 68    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.340 | 6.6    | 67    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 61    | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.671 | 0.8    | 61    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.776 | -1.9   | 66    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.243 | -0.3   | 68    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 47.204 | -18.0  | 69    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.942 | 5.1    | 61    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 37.342 | 6.6    | 57    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.552 | 6.1    | 60    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 47.163 | -17.9  | 69    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 48.321 | -20.8# | 68    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 52    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.544 | 3.6    | 52    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.410 | 1.5    | 53    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.921 | 5.2    | 52    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.553 | 3.6    | 51    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.251 | 4.4    | 51    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.125 | 2.2    | 53    | 0.00     |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 1