

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
 Data File : BM047273.D  
 Acq On : 20 Aug 2024 16:55  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 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   | 96    | -0.02    |
| 2    | 1,4-Dioxane                 | 40.000 | 35.712 | 10.7  | 91    | 0.00     |
| 3    | Pyridine                    | 40.000 | 31.902 | 20.2  | 80    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 32.118 | 19.7  | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 71.070 | 11.2  | 89    | 0.00     |
| 6    | Aniline                     | 40.000 | 31.980 | 20.0  | 78    | -0.02    |
| 7 S  | Phenol-d6                   | 80.000 | 65.815 | 17.7  | 83    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 35.017 | 12.5  | 87    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 35.040 | 12.4  | 92    | -0.01    |
| 10 C | Phenol                      | 40.000 | 32.387 | 19.0  | 82    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 32.930 | 17.7  | 81    | -0.02    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.282 | 6.8   | 92    | -0.02    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.786 | 8.0   | 91    | -0.02    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.135 | 9.7   | 92    | -0.01    |
| 15   | Benzyl Alcohol              | 40.000 | 32.335 | 19.2  | 78    | -0.02    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.356 | 21.6  | 77    | -0.02    |
| 17   | 2-Methylphenol              | 40.000 | 33.395 | 16.5  | 82    | -0.01    |
| 18   | Hexachloroethane            | 40.000 | 36.675 | 8.3   | 91    | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 29.782 | 25.5# | 76    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 32.499 | 18.8  | 79    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 86    | -0.02    |
| 22   | Acetophenone                | 40.000 | 35.327 | 11.7  | 79    | -0.02    |
| 23 S | Nitrobenzene-d5             | 80.000 | 70.417 | 12.0  | 77    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 35.493 | 11.3  | 78    | -0.01    |
| 25   | Isophorone                  | 40.000 | 34.472 | 13.8  | 75    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 39.041 | 2.4   | 82    | -0.01    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.706 | 8.2   | 78    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.335 | 11.7  | 76    | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.949 | 2.6   | 83    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.114 | -0.3  | 87    | -0.01    |
| 31   | Naphthalene                 | 40.000 | 36.272 | 9.3   | 80    | -0.02    |
| 32   | Benzoic acid                | 40.000 | 36.179 | 9.6   | 75    | -0.02    |
| 33   | 4-Chloroaniline             | 40.000 | 34.209 | 14.5  | 73    | -0.02    |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.182 | -8.0  | 93    | -0.02    |
| 35   | Caprolactam                 | 40.000 | 31.474 | 21.3  | 66    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 33.928 | 15.2  | 73    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 35.408 | 11.5  | 78    | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.048 | 12.4  | 78    | -0.02    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 80    | -0.01    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.873 | -7.2  | 86    | -0.01    |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.300 | 6.8   | 71    | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 73.866 | 7.7   | 74    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.807 | 0.5   | 77    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.498 | 1.3   | 78    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.189 | 3.5   | 79    | -0.02    |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.350 | 6.6   | 77    | -0.02    |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.149 | 7.1   | 77    | -0.01    |

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

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 33.855 | 15.4   | 66    | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 36.494 | 8.8    | 75    | -0.01    |
| 50   | Dimethylphthalate          | 40.000 | 35.265 | 11.8   | 71    | -0.02    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 36.470 | 8.8    | 72    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 35.959 | 10.1   | 74    | -0.01    |
| 53   | 3-Nitroaniline             | 40.000 | 33.606 | 16.0   | 66    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 32.704 | 18.2   | 63    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 36.117 | 9.7    | 75    | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 30.546 | 23.6   | 59    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 34.614 | 13.5   | 68    | 0.00     |
| 58   | Fluorene                   | 40.000 | 35.223 | 11.9   | 73    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.039 | 4.9    | 76    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 34.014 | 15.0   | 69    | -0.02    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.631 | 8.4    | 76    | -0.01    |
| 62   | 4-Nitroaniline             | 40.000 | 31.542 | 21.1   | 64    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 32.335 | 19.2   | 67    | -0.01    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 75    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.584 | 3.5    | 67    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.770 | 5.6    | 72    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.618 | -1.5   | 77    | -0.01    |
| 68   | Hexachlorobenzene          | 40.000 | 39.535 | 1.2    | 74    | 0.00     |
| 69   | Atrazine                   | 40.000 | 32.579 | 18.6   | 59    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 37.465 | 6.3    | 68    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 35.740 | 10.6   | 69    | -0.01    |
| 72   | Anthracene                 | 40.000 | 36.326 | 9.2    | 70    | -0.01    |
| 73   | Carbazole                  | 40.000 | 34.149 | 14.6   | 66    | -0.01    |
| 74   | Di-n-butylphthalate        | 40.000 | 35.685 | 10.8   | 66    | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 33.781 | 15.5   | 64    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 63    | 0.00     |
| 77   | Benzydine                  | 40.000 | 51.085 | -27.7# | 56    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.677 | 0.8    | 63    | -0.01    |
| 79 S | Terphenyl-d14              | 80.000 | 82.014 | -2.5   | 65    | -0.01    |
| 80   | Butylbenzylphthalate       | 40.000 | 40.275 | -0.7   | 61    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.104 | 7.2    | 60    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.703 | 3.2    | 58    | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.303 | 9.2    | 59    | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.975 | 0.1    | 62    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.723 | 0.7    | 61    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 63    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.699 | 8.3    | 58    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 35.387 | 11.5   | 57    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 34.213 | 14.5   | 55    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 35.412 | 11.5   | 56    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.768 | 8.1    | 59    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.438 | 6.4    | 59    | -0.01    |

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

(#) = Out of Range

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