

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032723\  
 Data File : BM039156.D  
 Acq On : 27 Mar 2023 11:39  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 28 01:47:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 28 01:46:09 2023  
 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 | 38.989 | 2.5  | 77    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.686 | 0.8  | 77    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.917 | 5.2  | 75    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.952 | -1.2 | 80    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.289 | 1.8  | 77    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.364 | 0.8  | 79    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.595 | -1.5 | 80    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.030 | 9.9  | 78    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.474 | 1.3  | 78    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.985 | 2.5  | 78    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.788 | 0.5  | 78    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.717 | 0.7  | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.161 | -0.4 | 80    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.778 | -1.9 | 80    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.315 | -0.8 | 81    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.411 | -3.5 | 81    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.699 | -4.2 | 82    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.993 | -7.5 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.826 | -4.6 | 82    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 84    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.325 | 1.7  | 79    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.988 | -2.5 | 81    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.958 | 0.1  | 80    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.689 | -4.2 | 82    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.769 | -6.9 | 92    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.207 | -0.5 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.826 | 0.4  | 80    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.757 | -4.4 | 82    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.121 | -0.3 | 82    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.166 | 2.1  | 79    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 43.735 | -9.3 | 94    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.536 | -1.3 | 80    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.907 | -2.3 | 83    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.866 | -9.7 | 84    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.303 | -3.3 | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.364 | 1.6  | 79    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.190 | 2.0  | 79    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 84    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.884 | 2.8  | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.069 | 14.8 | 68    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 86.505 | -8.1 | 86    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.578 | -3.9 | 82    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.815 | -4.5 | 82    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.100 | 2.4  | 79    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.159 | 2.1  | 80    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.478 | 1.3  | 80    | 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 | 41.067 | -2.7  | 84    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.142 | -0.4  | 80    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.681 | -1.7  | 80    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.995 | -2.5  | 84    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.900 | 2.8   | 78    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.720 | -1.8  | 82    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.538 | -13.8 | 97    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.221 | 1.9   | 79    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.549 | -3.9  | 79    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.717 | -4.3  | 84    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.861 | 0.3   | 78    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.990 | -5.0  | 81    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.343 | -5.9  | 81    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.392 | -1.0  | 80    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.753 | -1.9  | 80    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.010 | -2.5  | 78    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 84    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.693 | -9.2  | 93    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.082 | -0.2  | 81    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.926 | -4.8  | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.160 | -0.4  | 82    | 0.00     |
| 69   | Atrazine                   | 40.000 | 44.047 | -10.1 | 83    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.214 | -3.0  | 82    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.668 | 3.3   | 78    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.497 | -1.2  | 79    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.772 | -1.9  | 78    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.152 | -5.4  | 85    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.778 | -1.9  | 78    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 81    | 0.00     |
| 77   | Benzidine                  | 40.000 | 38.061 | 4.8   | 72    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.648 | 0.9   | 77    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.167 | -0.2  | 76    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.891 | -9.7  | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.004 | -2.5  | 78    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 45.913 | -14.8 | 86    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.891 | 0.3   | 77    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.697 | -11.7 | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 46.761 | -16.9 | 93    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.109 | -2.8  | 82    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.226 | 1.9   | 79    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.038 | 2.4   | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.836 | -2.1  | 82    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.659 | -1.6  | 81    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.950 | -2.4  | 83    | 0.00     |

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