

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042921\  
 Data File : BM029692.D  
 Acq On : 28 Apr 2021 17:19  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 28 17:58:42 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 28 17:58:02 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    | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 44.593 | -11.5  | 94    | 0.00     |
| 3    | Pyridine                    | 40.000 | 43.873 | -9.7   | 89    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.306 | 11.7   | 72    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 88.260 | -10.3  | 93    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.166 | 2.1    | 80    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.957 | -1.2   | 83    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.650 | -4.1   | 87    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.674 | 13.3   | 78    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.480 | -1.2   | 83    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.405 | 4.0    | 78    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.914 | -7.3   | 90    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.181 | -5.5   | 90    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.140 | -2.9   | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.266 | 6.8    | 74    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.051 | 22.4   | 65    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.060 | -0.2   | 81    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.530 | 1.2    | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 33.935 | 15.2   | 68    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.522 | 1.2    | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 73    | 0.00     |
| 22   | Acetophenone                | 40.000 | 42.471 | -6.2   | 76    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.330 | -2.9   | 72    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.657 | -1.6   | 72    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.060 | 2.3    | 68    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.658 | -9.1   | 82    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 44.112 | -10.3  | 77    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.745 | -1.9   | 72    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 45.176 | -12.9  | 78    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 45.281 | -13.2  | 81    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.956 | -7.4   | 77    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.529 | 6.2    | 68    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 43.544 | -8.9   | 75    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 46.165 | -15.4  | 83    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.706 | -4.3   | 73    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.651 | -4.1   | 72    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.070 | -2.7   | 74    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.022 | -2.6   | 74    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 67    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 49.294 | -23.2  | 79    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.990 | 2.5    | 63    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 94.518 | -18.1  | 75    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 49.170 | -22.9# | 76    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 48.346 | -20.9  | 75    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 89.154 | -11.4  | 71    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 44.625 | -11.6  | 72    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 45.711 | -14.3  | 73    | 0.00     |

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

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 39.820 | 0.4   | 64    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 45.662 | -14.2 | 72    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.884 | -7.2  | 69    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 46.770 | -16.9 | 73    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 44.586 | -11.5 | 72    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.818 | -12.0 | 74    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.544 | -8.9  | 71    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 44.272 | -10.7 | 72    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.283 | -13.2 | 71    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 46.866 | -17.2 | 72    | 0.00     |
| 58   | Fluorene                   | 40.000 | 43.055 | -7.6  | 69    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 47.971 | -19.9 | 75    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.447 | -3.6  | 66    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 43.463 | -8.7  | 70    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.819 | -9.5  | 74    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.724 | 5.7   | 60    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 68    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.563 | -13.9 | 74    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.711 | -6.8  | 69    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 45.100 | -12.8 | 73    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 45.165 | -12.9 | 74    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.073 | -0.2  | 63    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.846 | -4.6  | 70    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.137 | -5.3  | 70    | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.732 | -6.8  | 70    | 0.00     |
| 73   | Carbazole                  | 40.000 | 43.221 | -8.1  | 70    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.542 | 1.1   | 63    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 43.052 | -7.6  | 71    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 66    | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.599 | 3.5   | 54    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.722 | -9.3  | 71    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.455 | -3.1  | 67    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.359 | -0.9  | 63    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 43.309 | -8.3  | 71    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 45.171 | -12.9 | 72    | 0.00     |
| 83   | Chrysene                   | 40.000 | 43.075 | -7.7  | 70    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 36.523 | 8.7   | 57    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.385 | 6.5   | 59    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 69    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.128 | -7.8  | 72    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.896 | -7.2  | 71    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.284 | -5.7  | 71    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.706 | -6.8  | 72    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.443 | -6.1  | 71    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 44.191 | -10.5 | 73    | 0.00     |

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

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