

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060222\  
 Data File : BM035364.D  
 Acq On : 02 Jun 2022 16:01  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM060222

Quant Time: Jun 03 00:33:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 16:16:23 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                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.319 | 0.260 | 18.5  | 78    | 0.00     |
| 3    | Pyridine                    | 0.871 | 0.746 | 14.4  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.329 | 0.278 | 15.5  | 77    | 0.00     |
| 5 S  | 2-Fluorophenol              | 0.952 | 0.858 | 9.9   | 86    | 0.00     |
| 6    | Aniline                     | 1.421 | 1.454 | -2.3  | 95    | 0.00     |
| 7 S  | Phenol-d6                   | 1.300 | 1.303 | -0.2  | 95    | 0.00     |
| 8    | 2-Chlorophenol              | 1.194 | 1.197 | -0.3  | 90    | 0.00     |
| 9    | Benzaldehyde                | 0.609 | 0.579 | 4.9   | 99    | 0.00     |
| 10 C | Phenol                      | 1.253 | 1.259 | -0.5  | 95    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.020 | 1.031 | -1.1  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.395 | 1.373 | 1.6   | 87    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.432 | 1.412 | 1.4   | 87    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.404 | 1.352 | 3.7   | 84    | 0.00     |
| 15   | Benzyl Alcohol              | 0.950 | 0.934 | 1.7   | 82    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.243 | 1.187 | 4.5   | 76    | 0.00     |
| 17   | 2-Methylphenol              | 0.948 | 0.939 | 0.9   | 84    | 0.00     |
| 18   | Hexachloroethane            | 0.467 | 0.418 | 10.5  | 77    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.822 | 0.750 | 8.8   | 75    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.326 | 1.218 | 8.1   | 78    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 22   | Acetophenone                | 0.445 | 0.458 | -2.9  | 78    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.315 | 0.318 | -1.0  | 75    | 0.00     |
| 24   | Nitrobenzene                | 0.285 | 0.290 | -1.8  | 76    | 0.00     |
| 25   | Isophorone                  | 0.545 | 0.560 | -2.8  | 76    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.187 | 0.198 | -5.9  | 80    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.248 | 0.258 | -4.0  | 79    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.376 | 0.383 | -1.9  | 77    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.338 | 0.347 | -2.7  | 78    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.388 | 0.397 | -2.3  | 79    | 0.00     |
| 31   | Naphthalene                 | 0.969 | 0.984 | -1.5  | 79    | 0.00     |
| 32   | Benzoic acid                | 0.221 | 0.247 | -11.8 | 78    | 0.00     |
| 33   | 4-Chloroaniline             | 0.406 | 0.424 | -4.4  | 78    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.257 | 0.260 | -1.2  | 79    | 0.00     |
| 35   | Caprolactam                 | 0.099 | 0.105 | -6.1  | 76    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.311 | 0.329 | -5.8  | 78    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.731 | 0.745 | -1.9  | 77    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.717 | 0.730 | -1.8  | 77    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 74    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.656 | 0.685 | -4.4  | 78    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.281 | 0.294 | -4.6  | 77    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.321 | 0.356 | -10.9 | 85    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.443 | 0.470 | -6.1  | 77    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.475 | 0.506 | -6.5  | 77    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.392 | 1.442 | -3.6  | 77    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.426 | 1.476 | -3.5  | 77    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.112 | 1.152 | -3.6  | 76    | 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.247 | 0.261 | -5.7  | 73    | 0.00     |
| 49   | Acenaphthylene             | 1.694 | 1.691 | 0.2   | 73    | 0.00     |
| 50   | Dimethylphthalate          | 1.470 | 1.520 | -3.4  | 76    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.314 | 0.322 | -2.5  | 74    | 0.00     |
| 52 C | Acenaphthene               | 1.026 | 1.041 | -1.5  | 74    | 0.00     |
| 53   | 3-Nitroaniline             | 0.298 | 0.315 | -5.7  | 74    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.206 | 0.225 | -9.2  | 77    | 0.00     |
| 55   | Dibenzofuran               | 1.762 | 1.851 | -5.1  | 78    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.224 | 0.252 | -12.5 | 76    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.430 | 0.471 | -9.5  | 79    | 0.00     |
| 58   | Fluorene                   | 1.376 | 1.458 | -6.0  | 77    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.437 | 0.483 | -10.5 | 81    | 0.00     |
| 60   | Diethylphthalate           | 1.454 | 1.546 | -6.3  | 77    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.789 | 0.824 | -4.4  | 77    | 0.00     |
| 62   | 4-Nitroaniline             | 0.311 | 0.355 | -14.1 | 79    | 0.00     |
| 63   | Azobenzene                 | 1.032 | 1.094 | -6.0  | 75    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 73    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.134 | 0.158 | -17.9 | 80    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.564 | 0.609 | -8.0  | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.242 | 0.256 | -5.8  | 78    | 0.00     |
| 68   | Hexachlorobenzene          | 0.271 | 0.295 | -8.9  | 82    | 0.00     |
| 69   | Atrazine                   | 0.208 | 0.232 | -11.5 | 79    | 0.00     |
| 70 C | Pentachlorophenol          | 0.148 | 0.175 | -18.2 | 83    | 0.00     |
| 71   | Phenanthrene               | 1.012 | 1.099 | -8.6  | 78    | 0.00     |
| 72   | Anthracene                 | 1.009 | 1.092 | -8.2  | 78    | 0.00     |
| 73   | Carbazole                  | 0.950 | 1.045 | -10.0 | 78    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.179 | 1.304 | -10.6 | 80    | 0.00     |
| 75 C | Fluoranthene               | 1.222 | 1.336 | -9.3  | 78    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 82    | 0.00     |
| 77   | Benzydine                  | 0.376 | 0.351 | 6.6   | 73    | 0.00     |
| 78   | Pyrene                     | 1.213 | 1.223 | -0.8  | 78    | 0.00     |
| 79 S | Terphenyl-d14              | 1.004 | 1.022 | -1.8  | 81    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.515 | 0.523 | -1.6  | 80    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.228 | 1.242 | -1.1  | 81    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.323 | 0.315 | 2.5   | 79    | 0.00     |
| 83   | Chrysene                   | 1.172 | 1.190 | -1.5  | 82    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.776 | 0.795 | -2.4  | 81    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.356 | 1.349 | 0.5   | 79    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.327 | 1.377 | -3.8  | 84    | -0.01    |
| 88   | Benzo(b)fluoranthene       | 1.152 | 1.252 | -8.7  | 80    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.179 | 1.208 | -2.5  | 78    | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.981 | 1.016 | -3.6  | 79    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.107 | 1.150 | -3.9  | 84    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.068 | 1.131 | -5.9  | 86    | 0.00     |

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

(#) = Out of Range

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