

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030821\  
 Data File : BM029018.D  
 Acq On : 08 Mar 2021 14:36  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 08 15:08:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 05 13:17:12 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                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|-------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0    | 55    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.454 | 0.487 | -7.3   | 57    | 0.00     |
| 3    | Pyridine                    | 1.197 | 1.242 | -3.8   | 56    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.669 | 0.931 | -39.2# | 74    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.207 | 1.201 | 0.5    | 53    | 0.00     |
| 6    | Aniline                     | 1.704 | 1.619 | 5.0    | 52    | -0.01    |
| 7 S  | Phenol-d6                   | 1.594 | 1.527 | 4.2    | 52    | 0.00     |
| 8    | 2-Chlorophenol              | 1.433 | 1.353 | 5.6    | 52    | 0.00     |
| 9    | Benzaldehyde                | 0.869 | 0.757 | 12.9   | 53    | -0.01    |
| 10 C | Phenol                      | 1.584 | 1.495 | 5.6    | 52    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.201 | 1.132 | 5.7    | 51    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.563 | 1.503 | 3.8    | 52    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.585 | 1.548 | 2.3    | 53    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.525 | 1.490 | 2.3    | 54    | 0.00     |
| 15   | Benzyl Alcohol              | 1.140 | 1.078 | 5.4    | 51    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.850 | 2.020 | -9.2   | 60    | -0.02    |
| 17   | 2-Methylphenol              | 1.076 | 1.041 | 3.3    | 52    | 0.00     |
| 18   | Hexachloroethane            | 0.576 | 0.597 | -3.6   | 56    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.938 | 0.919 | 2.0    | 53    | -0.01    |
| 20   | 3+4-Methylphenols           | 1.447 | 1.409 | 2.6    | 53    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 52    | 0.00     |
| 22   | Acetophenone                | 0.488 | 0.511 | -4.7   | 54    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.371 | 0.402 | -8.4   | 55    | -0.01    |
| 24   | Nitrobenzene                | 0.377 | 0.401 | -6.4   | 54    | 0.00     |
| 25   | Isophorone                  | 0.652 | 0.688 | -5.5   | 54    | -0.01    |
| 26 C | 2-Nitrophenol               | 0.190 | 0.194 | -2.1   | 51    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.286 | 0.286 | 0.0    | 52    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.371 | 0.367 | 1.1    | 51    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.327 | 0.337 | -3.1   | 52    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.358 | 0.377 | -5.3   | 54    | 0.00     |
| 31   | Naphthalene                 | 1.103 | 1.107 | -0.4   | 52    | -0.01    |
| 32   | Benzoic acid                | 0.205 | 0.220 | -7.3   | 52    | 0.00     |
| 33   | 4-Chloroaniline             | 0.443 | 0.443 | 0.0    | 51    | -0.01    |
| 34 C | Hexachlorobutadiene         | 0.215 | 0.234 | -8.8   | 56    | 0.00     |
| 35   | Caprolactam                 | 0.089 | 0.091 | -2.2   | 51    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 0.329 | 0.350 | -6.4   | 55    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.776 | 0.781 | -0.6   | 52    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.735 | 0.737 | -0.3   | 52    | -0.01    |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 55    | -0.01    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.625 | 0.612 | 2.1    | 54    | -0.01    |
| 41 P | Hexachlorocyclopentadiene   | 0.238 | 0.256 | -7.6   | 57    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 0.237 | 0.237 | 0.0    | 53    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.438 | 0.439 | -0.2   | 54    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.470 | 0.469 | 0.2    | 54    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.483 | 1.3    | 55    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.604 | 1.526 | 4.9    | 53    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.309 | 1.271 | 2.9    | 54    | 0.00     |

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

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.352 | 0.394 | -11.9 | 59    | 0.00     |
| 49   | Acenaphthylene             | 2.011 | 1.995 | 0.8   | 55    | 0.00     |
| 50   | Dimethylphthalate          | 1.516 | 1.572 | -3.7  | 56    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.353 | 0.354 | -0.3  | 53    | 0.00     |
| 52 C | Acenaphthene               | 1.233 | 1.192 | 3.3   | 53    | -0.01    |
| 53   | 3-Nitroaniline             | 0.344 | 0.346 | -0.6  | 53    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.181 | 0.176 | 2.8   | 51    | 0.00     |
| 55   | Dibenzofuran               | 1.936 | 1.943 | -0.4  | 56    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.282 | 0.272 | 3.5   | 52    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.462 | 0.497 | -7.6  | 56    | 0.00     |
| 58   | Fluorene                   | 1.552 | 1.560 | -0.5  | 55    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.378 | 0.391 | -3.4  | 55    | 0.00     |
| 60   | Diethylphthalate           | 1.525 | 1.598 | -4.8  | 57    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.740 | 0.753 | -1.8  | 56    | 0.00     |
| 62   | 4-Nitroaniline             | 0.333 | 0.345 | -3.6  | 53    | 0.00     |
| 63   | Azobenzene                 | 1.407 | 1.531 | -8.8  | 59    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 57    | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 0.141 | 0.138 | 2.1   | 54    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.684 | 0.650 | 5.0   | 54    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.224 | 0.214 | 4.5   | 54    | 0.00     |
| 68   | Hexachlorobenzene          | 0.250 | 0.236 | 5.6   | 55    | -0.01    |
| 69   | Atrazine                   | 0.213 | 0.216 | -1.4  | 57    | 0.00     |
| 70 C | Pentachlorophenol          | 0.134 | 0.134 | 0.0   | 54    | -0.01    |
| 71   | Phenanthrene               | 1.191 | 1.158 | 2.8   | 56    | -0.01    |
| 72   | Anthracene                 | 1.180 | 1.150 | 2.5   | 55    | 0.00     |
| 73   | Carbazole                  | 1.132 | 1.129 | 0.3   | 56    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.287 | 1.358 | -5.5  | 58    | -0.01    |
| 75 C | Fluoranthene               | 1.309 | 1.339 | -2.3  | 57    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 62    | -0.01    |
| 77   | Benzidine                  | 0.659 | 0.587 | 10.9  | 48#   | 0.00     |
| 78   | Pyrene                     | 1.469 | 1.355 | 7.8   | 58    | -0.01    |
| 79 S | Terphenyl-d14              | 1.083 | 1.030 | 4.9   | 60    | -0.01    |
| 80   | Butylbenzylphthalate       | 0.632 | 0.625 | 1.1   | 60    | -0.01    |
| 81   | Benzo(a)anthracene         | 1.388 | 1.366 | 1.6   | 62    | -0.01    |
| 82   | 3,3'-Dichlorobenzidine     | 0.479 | 0.480 | -0.2  | 61    | -0.01    |
| 83   | Chrysene                   | 1.353 | 1.334 | 1.4   | 61    | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.910 | 0.941 | -3.4  | 63    | -0.01    |
| 85 c | Di-n-octyl phthalate       | 1.544 | 1.664 | -7.8  | 64    | -0.01    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 63    | -0.02    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.509 | 1.526 | -1.1  | 63    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.413 | 1.408 | 0.4   | 62    | -0.02    |
| 89   | Benzo(k)fluoranthene       | 1.342 | 1.344 | -0.1  | 64    | -0.01    |
| 90 C | Benzo(a)pyrene             | 1.289 | 1.297 | -0.6  | 63    | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 1.312 | 1.322 | -0.8  | 62    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.266 | 1.272 | -0.5  | 62    | -0.03    |

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