

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072221\  
 Data File : BG049413.D  
 Acq On : 22 Jul 2021 18:13  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 22 18:51:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG072121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 14:51:57 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   | 94    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.534 | 0.551 | -3.2  | 100   | 0.00     |
| 3    | Pyridine                    | 1.361 | 1.483 | -9.0  | 95    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.668 | 0.764 | -14.4 | 102   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.179 | 1.234 | -4.7  | 94    | 0.00     |
| 6    | Aniline                     | 1.857 | 1.870 | -0.7  | 94    | 0.00     |
| 7 S  | Phenol-d6                   | 1.717 | 1.801 | -4.9  | 96    | 0.00     |
| 8    | 2-Chlorophenol              | 1.209 | 1.269 | -5.0  | 95    | 0.00     |
| 9    | Benzaldehyde                | 1.140 | 1.176 | -3.2  | 94    | 0.00     |
| 10 C | Phenol                      | 1.635 | 1.735 | -6.1  | 97    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.120 | 1.150 | -2.7  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.429 | 1.436 | -0.5  | 94    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.423 | 1.468 | -3.2  | 95    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.375 | 1.414 | -2.8  | 95    | 0.00     |
| 15   | Benzyl Alcohol              | 1.403 | 1.464 | -4.3  | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.309 | 1.356 | -3.6  | 98    | 0.00     |
| 17   | 2-Methylphenol              | 1.089 | 1.136 | -4.3  | 96    | 0.00     |
| 18   | Hexachloroethane            | 0.553 | 0.561 | -1.4  | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.128 | 1.160 | -2.8  | 92    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.492 | 1.542 | -3.4  | 94    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 22   | Acetophenone                | 0.536 | 0.542 | -1.1  | 97    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.446 | 0.452 | -1.3  | 96    | 0.00     |
| 24   | Nitrobenzene                | 0.469 | 0.477 | -1.7  | 96    | 0.00     |
| 25   | Isophorone                  | 0.791 | 0.792 | -0.1  | 96    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.170 | 0.186 | -9.4  | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.272 | 0.278 | -2.2  | 96    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.353 | 0.359 | -1.7  | 96    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.315 | 0.328 | -4.1  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.361 | -1.4  | 98    | 0.00     |
| 31   | Naphthalene                 | 1.055 | 1.047 | 0.8   | 94    | 0.00     |
| 32   | Benzoic acid                | 0.179 | 0.188 | -5.0  | 101   | 0.00     |
| 33   | 4-Chloroaniline             | 0.403 | 0.413 | -2.5  | 96    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.255 | 0.260 | -2.0  | 97    | 0.00     |
| 35   | Caprolactam                 | 0.098 | 0.101 | -3.1  | 96    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.372 | 0.381 | -2.4  | 98    | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.770 | 0.769 | 0.1   | 95    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.736 | 0.731 | 0.7   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 96    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.591 | 0.587 | 0.7   | 97    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.264 | 0.304 | -15.2 | 107   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.268 | 0.284 | -6.0  | 103   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.386 | 0.387 | -0.3  | 99    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.417 | 0.422 | -1.2  | 97    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.390 | 1.355 | 2.5   | 96    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.466 | 1.425 | 2.8   | 97    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.126 | 1.118 | 0.7   | 97    | 0.00     |

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

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.392 | 0.408 | -4.1  | 101   | 0.00     |
| 49   | Acenaphthylene             | 1.826 | 1.791 | 1.9   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 1.453 | 1.462 | -0.6  | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.315 | 0.318 | -1.0  | 101   | 0.00     |
| 52 C | Acenaphthene               | 1.102 | 1.086 | 1.5   | 97    | 0.00     |
| 53   | 3-Nitroaniline             | 0.316 | 0.324 | -2.5  | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.133 | 0.156 | -17.3 | 108   | 0.00     |
| 55   | Dibenzofuran               | 1.768 | 1.724 | 2.5   | 97    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.250 | 0.247 | 1.2   | 102   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.436 | 0.465 | -6.7  | 103   | 0.00     |
| 58   | Fluorene                   | 1.433 | 1.404 | 2.0   | 97    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.381 | 0.379 | 0.5   | 95    | 0.00     |
| 60   | Diethylphthalate           | 1.459 | 1.479 | -1.4  | 99    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.729 | 0.747 | -2.5  | 99    | 0.00     |
| 62   | 4-Nitroaniline             | 0.333 | 0.329 | 1.2   | 95    | 0.00     |
| 63   | Azobenzene                 | 1.616 | 1.591 | 1.5   | 98    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.108 | 0.116 | -7.4  | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.574 | 0.554 | 3.5   | 100   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.227 | 0.232 | -2.2  | 103   | 0.00     |
| 68   | Hexachlorobenzene          | 0.257 | 0.247 | 3.9   | 101   | 0.00     |
| 69   | Atrazine                   | 0.228 | 0.222 | 2.6   | 102   | 0.00     |
| 70 C | Pentachlorophenol          | 0.115 | 0.122 | -6.1  | 104   | 0.00     |
| 71   | Phenanthrene               | 1.075 | 1.025 | 4.7   | 97    | 0.00     |
| 72   | Anthracene                 | 1.057 | 1.003 | 5.1   | 97    | 0.00     |
| 73   | Carbazole                  | 1.005 | 0.988 | 1.7   | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.146 | 1.121 | 2.2   | 99    | 0.00     |
| 75 C | Fluoranthene               | 1.339 | 1.296 | 3.2   | 98    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 77   | Benzydine                  | 0.554 | 0.594 | -7.2  | 99    | 0.00     |
| 78   | Pyrene                     | 1.313 | 1.291 | 1.7   | 100   | 0.00     |
| 79 S | Terphenyl-d14              | 1.024 | 1.036 | -1.2  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.477 | 0.506 | -6.1  | 102   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.267 | 1.270 | -0.2  | 100   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.365 | 0.372 | -1.9  | 102   | 0.00     |
| 83   | Chrysene                   | 1.222 | 1.217 | 0.4   | 101   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.716 | 0.743 | -3.8  | 103   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.236 | 1.297 | -4.9  | 104   | -0.01    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.416 | 1.382 | 2.4   | 104   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.289 | 1.247 | 3.3   | 101   | -0.01    |
| 89   | Benzo(k)fluoranthene       | 1.199 | 1.163 | 3.0   | 103   | -0.01    |
| 90 C | Benzo(a)pyrene             | 1.168 | 1.145 | 2.0   | 103   | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 1.189 | 1.162 | 2.3   | 104   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.177 | 1.147 | 2.5   | 104   | -0.02    |

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

(#) = Out of Range

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