

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040522\  
 Data File : BP009692.D  
 Acq On : 05 Apr 2022 11:26  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 05 13:40:20 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 13:35:48 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.454 | 0.484 | -6.6  | 124   | 0.00     |
| 3    | Pyridine                    | 1.222 | 1.354 | -10.8 | 125   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.450 | 0.515 | -14.4 | 131   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.146 | 1.186 | -3.5  | 118   | 0.00     |
| 6    | Aniline                     | 1.766 | 1.837 | -4.0  | 119   | 0.00     |
| 7 S  | Phenol-d6                   | 1.549 | 1.617 | -4.4  | 120   | 0.00     |
| 8    | 2-Chlorophenol              | 1.306 | 1.322 | -1.2  | 116   | 0.00     |
| 9    | Benzaldehyde                | 0.821 | 0.822 | -0.1  | 131   | 0.00     |
| 10 C | Phenol                      | 1.554 | 1.623 | -4.4  | 120   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.230 | 1.289 | -4.8  | 121   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.460 | 0.9   | 114   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.507 | 1.495 | 0.8   | 114   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.457 | 1.437 | 1.4   | 114   | 0.00     |
| 15   | Benzyl Alcohol              | 1.235 | 1.224 | 0.9   | 113   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.333 | 1.542 | -15.7 | 133   | 0.00     |
| 17   | 2-Methylphenol              | 1.071 | 1.087 | -1.5  | 117   | 0.00     |
| 18   | Hexachloroethane            | 0.528 | 0.528 | 0.0   | 115   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.980 | 1.008 | -2.9  | 119   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.473 | 1.492 | -1.3  | 116   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 22   | Acetophenone                | 0.495 | 0.502 | -1.4  | 118   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.376 | 0.390 | -3.7  | 119   | 0.00     |
| 24   | Nitrobenzene                | 0.356 | 0.372 | -4.5  | 121   | 0.00     |
| 25   | Isophorone                  | 0.642 | 0.654 | -1.9  | 119   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.185 | 0.186 | -0.5  | 114   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.261 | 0.264 | -1.1  | 116   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.418 | 0.432 | -3.3  | 119   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.319 | 0.312 | 2.2   | 112   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.370 | 0.356 | 3.8   | 111   | 0.00     |
| 31   | Naphthalene                 | 1.030 | 1.018 | 1.2   | 115   | 0.00     |
| 32   | Benzoic acid                | 0.204 | 0.191 | 6.4   | 105   | 0.00     |
| 33   | 4-Chloroaniline             | 0.420 | 0.404 | 3.8   | 111   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.250 | 0.231 | 7.6   | 106   | 0.00     |
| 35   | Caprolactam                 | 0.108 | 0.091 | 15.7  | 101   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.343 | 0.314 | 8.5   | 108   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.723 | 0.696 | 3.7   | 113   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.704 | 0.672 | 4.5   | 112   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.664 | 0.666 | -0.3  | 106   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.234 | 0.148 | 36.8# | 64    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.330 | 0.241 | 27.0# | 78    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.440 | 0.432 | 1.8   | 103   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.478 | 0.453 | 5.2   | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.443 | 1.462 | -1.3  | 107   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.492 | 1.535 | -2.9  | 110   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.175 | 1.191 | -1.4  | 108   | 0.00     |

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

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.320 | 0.327 | -2.2  | 107   | 0.00     |
| 49   | Acenaphthylene             | 1.813 | 1.805 | 0.4   | 106   | 0.00     |
| 50   | Dimethylphthalate          | 1.515 | 1.392 | 8.1   | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.318 | 0.292 | 8.2   | 97    | 0.00     |
| 52 C | Acenaphthene               | 1.083 | 1.068 | 1.4   | 106   | 0.00     |
| 53   | 3-Nitroaniline             | 0.335 | 0.302 | 9.9   | 96    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.174 | 0.121 | 30.5# | 72    | 0.00     |
| 55   | Dibenzofuran               | 1.820 | 1.732 | 4.8   | 102   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.250 | 0.290 | -16.0 | 120   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.437 | 0.370 | 15.3  | 89    | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.316 | 8.0   | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.433 | 0.367 | 15.2  | 90    | 0.00     |
| 60   | Diethylphthalate           | 1.517 | 1.309 | 13.7  | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.788 | 0.703 | 10.8  | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 0.352 | 0.276 | 21.6  | 83    | 0.00     |
| 63   | Azobenzene                 | 1.319 | 1.321 | -0.2  | 107   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.129 | 0.124 | 3.9   | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.592 | 0.655 | -10.6 | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.245 | 0.246 | -0.4  | 87    | 0.00     |
| 68   | Hexachlorobenzene          | 0.282 | 0.268 | 5.0   | 82    | 0.00     |
| 69   | Atrazine                   | 0.208 | 0.191 | 8.2   | 76    | 0.00     |
| 70 C | Pentachlorophenol          | 0.151 | 0.151 | 0.0   | 81    | 0.00     |
| 71   | Phenanthrene               | 1.071 | 1.081 | -0.9  | 88    | 0.00     |
| 72   | Anthracene                 | 1.057 | 1.060 | -0.3  | 87    | 0.00     |
| 73   | Carbazole                  | 1.034 | 0.968 | 6.4   | 81    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.211 | 1.056 | 12.8  | 74    | 0.00     |
| 75 C | Fluoranthene               | 1.296 | 1.081 | 16.6  | 73    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 65    | 0.00     |
| 77   | Benzydine                  | 0.490 | 0.362 | 26.1# | 50    | 0.00     |
| 78   | Pyrene                     | 1.318 | 1.442 | -9.4  | 72    | 0.00     |
| 79 S | Terphenyl-d14              | 1.114 | 1.124 | -0.9  | 65    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.560 | 0.525 | 6.3   | 61    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.314 | 1.292 | 1.7   | 66    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.508 | 0.461 | 9.3   | 61    | 0.00     |
| 83   | Chrysene                   | 1.244 | 1.242 | 0.2   | 66    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.781 | 0.716 | 8.3   | 60    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.346 | 1.204 | 10.5  | 60    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 65    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.517 | 1.627 | -7.3  | 72    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.194 | 1.191 | 0.3   | 67    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.169 | 1.169 | 0.0   | 67    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.022 | 1.029 | -0.7  | 68    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.265 | 1.343 | -6.2  | 71    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.244 | 1.340 | -7.7  | 72    | 0.00     |

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

(#) = Out of Range

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