

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071321\  
 Data File : BP006196.D  
 Acq On : 13 Jul 2021 11:46  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 13 12:41:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 12 14:59:51 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   | 91    | -0.01    |
| 2    | 1,4-Dioxane                 | 0.456 | 0.439 | 3.7   | 90    | -0.02    |
| 3    | Pyridine                    | 1.159 | 1.176 | -1.5  | 91    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 0.456 | 0.448 | 1.8   | 92    | -0.01    |
| 5 S  | 2-Fluorophenol              | 1.162 | 1.159 | 0.3   | 91    | -0.01    |
| 6    | Aniline                     | 1.622 | 1.578 | 2.7   | 89    | 0.00     |
| 7 S  | Phenol-d6                   | 1.537 | 1.515 | 1.4   | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 1.361 | 1.350 | 0.8   | 90    | -0.01    |
| 9    | Benzaldehyde                | 0.839 | 0.792 | 5.6   | 86    | 0.00     |
| 10 C | Phenol                      | 1.477 | 1.461 | 1.1   | 90    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.116 | 1.097 | 1.7   | 89    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.459 | 1.431 | 1.9   | 90    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.490 | 1.461 | 1.9   | 89    | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 1.418 | 1.399 | 1.3   | 90    | 0.00     |
| 15   | Benzyl Alcohol              | 0.930 | 0.919 | 1.2   | 88    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.325 | 1.227 | 7.4   | 87    | -0.01    |
| 17   | 2-Methylphenol              | 1.005 | 1.004 | 0.1   | 90    | 0.00     |
| 18   | Hexachloroethane            | 0.496 | 0.488 | 1.6   | 90    | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 0.838 | 0.811 | 3.2   | 89    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.357 | 1.370 | -1.0  | 91    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 22   | Acetophenone                | 0.455 | 0.460 | -1.1  | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.317 | 0.323 | -1.9  | 89    | -0.01    |
| 24   | Nitrobenzene                | 0.320 | 0.326 | -1.9  | 90    | 0.00     |
| 25   | Isophorone                  | 0.601 | 0.603 | -0.3  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.178 | 0.192 | -7.9  | 90    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.263 | 0.275 | -4.6  | 88    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.333 | 0.337 | -1.2  | 87    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.289 | 0.304 | -5.2  | 88    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.307 | 0.319 | -3.9  | 88    | 0.00     |
| 31   | Naphthalene                 | 1.043 | 1.043 | 0.0   | 88    | -0.01    |
| 32   | Benzoic acid                | 0.177 | 0.206 | -16.4 | 98    | -0.01    |
| 33   | 4-Chloroaniline             | 0.402 | 0.417 | -3.7  | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.169 | 0.176 | -4.1  | 87    | -0.01    |
| 35   | Caprolactam                 | 0.091 | 0.096 | -5.5  | 89    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.312 | 0.314 | -0.6  | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.723 | 0.725 | -0.3  | 87    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.685 | 0.689 | -0.6  | 86    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 79    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.496 | 0.579 | -16.7 | 88    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.076 | 0.059 | 22.4  | 59    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.238 | 0.263 | -10.5 | 79    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.359 | 0.422 | -17.5 | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.385 | 0.451 | -17.1 | 88    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.353 | 1.522 | -12.5 | 88    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.502 | 1.630 | -8.5  | 85    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.155 | 1.258 | -8.9  | 85    | 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             | 0.287 | 0.307 | -7.0  | 83    | 0.00     |
| 49   | Acenaphthylene             | 1.860 | 1.877 | -0.9  | 79    | 0.00     |
| 50   | Dimethylphthalate          | 1.438 | 1.455 | -1.2  | 79    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.334 | -3.1  | 79    | 0.00     |
| 52 C | Acenaphthene               | 1.131 | 1.127 | 0.4   | 79    | 0.00     |
| 53   | 3-Nitroaniline             | 0.328 | 0.348 | -6.1  | 80    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.132 | 0.147 | -11.4 | 82    | 0.00     |
| 55   | Dibenzofuran               | 1.761 | 1.783 | -1.2  | 79    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.209 | 0.210 | -0.5  | 77    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.437 | 0.462 | -5.7  | 79    | 0.00     |
| 58   | Fluorene                   | 1.415 | 1.428 | -0.9  | 79    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.301 | 0.321 | -6.6  | 79    | 0.00     |
| 60   | Diethylphthalate           | 1.475 | 1.478 | -0.2  | 79    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.620 | 0.635 | -2.4  | 78    | 0.00     |
| 62   | 4-Nitroaniline             | 0.302 | 0.330 | -9.3  | 80    | 0.00     |
| 63   | Azobenzene                 | 1.231 | 1.226 | 0.4   | 79    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.121 | 0.127 | -5.0  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.651 | 0.659 | -1.2  | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.197 | 0.205 | -4.1  | 77    | 0.00     |
| 68   | Hexachlorobenzene          | 0.234 | 0.245 | -4.7  | 78    | 0.00     |
| 69   | Atrazine                   | 0.204 | 0.211 | -3.4  | 79    | 0.00     |
| 70 C | Pentachlorophenol          | 0.108 | 0.114 | -5.6  | 78    | 0.00     |
| 71   | Phenanthrene               | 1.130 | 1.135 | -0.4  | 79    | 0.00     |
| 72   | Anthracene                 | 1.107 | 1.121 | -1.3  | 79    | 0.00     |
| 73   | Carbazole                  | 1.097 | 1.116 | -1.7  | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.320 | 1.333 | -1.0  | 79    | 0.00     |
| 75 C | Fluoranthene               | 1.238 | 1.252 | -1.1  | 78    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 77   | Benzydine                  | 0.593 | 0.565 | 4.7   | 70    | 0.00     |
| 78   | Pyrene                     | 1.352 | 1.322 | 2.2   | 78    | 0.00     |
| 79 S | Terphenyl-d14              | 1.014 | 1.016 | -0.2  | 78    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.671 | 0.654 | 2.5   | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.265 | 1.286 | -1.7  | 81    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.371 | 0.393 | -5.9  | 82    | 0.00     |
| 83   | Chrysene                   | 1.250 | 1.238 | 1.0   | 79    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.990 | 0.963 | 2.7   | 80    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.743 | 1.738 | 0.3   | 82    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.475 | 1.556 | -5.5  | 90    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.213 | 1.206 | 0.6   | 83    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.186 | 1.197 | -0.9  | 89    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.138 | 1.144 | -0.5  | 87    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.270 | 1.345 | -5.9  | 90    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.250 | 1.306 | -4.5  | 90    | 0.00     |

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

(#) = Out of Range

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