

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081524\  
 Data File : BP021506.D  
 Acq On : 15 Aug 2024 09:10  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 15 10:37:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 14 00:00:30 2024  
 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    | 93    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.639 | 0.625 | 2.2    | 90    | 0.00     |
| 3    | Pyridine                    | 1.783 | 1.777 | 0.3    | 91    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.536 | 0.553 | -3.2   | 96    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.347 | 1.360 | -1.0   | 93    | 0.00     |
| 6    | Aniline                     | 1.964 | 1.903 | 3.1    | 89    | 0.00     |
| 7 S  | Phenol-d6                   | 1.965 | 1.954 | 0.6    | 92    | 0.00     |
| 8    | 2-Chlorophenol              | 1.245 | 1.275 | -2.4   | 95    | 0.00     |
| 9    | Benzaldehyde                | 1.258 | 1.093 | 13.1   | 84    | 0.00     |
| 10 C | Phenol                      | 2.035 | 2.006 | 1.4    | 91    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.722 | 1.684 | 2.2    | 92    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.479 | 1.461 | 1.2    | 93    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.493 | 1.481 | 0.8    | 93    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.439 | 1.412 | 1.9    | 93    | 0.00     |
| 15   | Benzyl Alcohol              | 1.410 | 1.397 | 0.9    | 91    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.585 | 1.573 | 0.8    | 94    | 0.00     |
| 17   | 2-Methylphenol              | 1.286 | 1.280 | 0.5    | 92    | 0.00     |
| 18   | Hexachloroethane            | 0.599 | 0.620 | -3.5   | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.357 | 1.291 | 4.9    | 89    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.734 | 1.742 | -0.5   | 92    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 94    | 0.00     |
| 22   | Acetophenone                | 0.614 | 0.595 | 3.1    | 91    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.387 | 0.432 | -11.6  | 99    | 0.00     |
| 24   | Nitrobenzene                | 0.421 | 0.455 | -8.1   | 96    | 0.00     |
| 25   | Isophorone                  | 0.915 | 0.879 | 3.9    | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.086 | 0.109 | -26.7# | 108   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.226 | 0.225 | 0.4    | 93    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.559 | 0.551 | 1.4    | 94    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.267 | 0.283 | -6.0   | 97    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 0.342 | 0.339 | 0.9    | 93    | 0.00     |
| 31   | Naphthalene                 | 1.045 | 1.026 | 1.8    | 92    | 0.00     |
| 32   | Benzoic acid                | 0.137 | 0.162 | -18.2  | 117   | 0.00     |
| 33   | 4-Chloroaniline             | 0.392 | 0.394 | -0.5   | 93    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.215 | 0.215 | 0.0    | 93    | 0.00     |
| 35   | Caprolactam                 | 0.111 | 0.117 | -5.4   | 96    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.370 | 0.386 | -4.3   | 95    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.713 | 0.699 | 2.0    | 93    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.703 | 0.691 | 1.7    | 93    | -0.01    |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 97    | -0.02    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.586 | 0.577 | 1.5    | 94    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.186 | 0.181 | 2.7    | 92    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 0.223 | 0.220 | 1.3    | 91    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.326 | 0.342 | -4.9   | 97    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 0.362 | 0.395 | -9.1   | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.310 | 1.280 | 2.3    | 94    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.415 | 1.392 | 1.6    | 95    | -0.01    |
| 47   | 2-Chloronaphthalene         | 1.102 | 1.069 | 3.0    | 93    | 0.00     |

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|      | Compound                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|----------------------------|-------|-------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 0.256 | 0.325 | -27.0# | 111   | 0.00     |
| 49   | Acenaphthylene             | 1.619 | 1.599 | 1.2    | 94    | 0.00     |
| 50   | Dimethylphthalate          | 1.339 | 1.352 | -1.0   | 97    | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 0.232 | 0.283 | -22.0  | 107   | -0.02    |
| 52 C | Acenaphthene               | 1.063 | 1.055 | 0.8    | 95    | -0.01    |
| 53   | 3-Nitroaniline             | 0.228 | 0.290 | -27.2# | 110   | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.069 | 0.081 | -17.4  | 119   | -0.01    |
| 55   | Dibenzofuran               | 1.635 | 1.634 | 0.1    | 96    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.195 | 0.234 | -20.0  | 113   | -0.01    |
| 57   | 2,4-Dinitrotoluene         | 0.284 | 0.373 | -31.3# | 113   | -0.01    |
| 58   | Fluorene                   | 1.343 | 1.338 | 0.4    | 96    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.307 | 0.344 | -12.1  | 102   | -0.01    |
| 60   | Diethylphthalate           | 1.374 | 1.421 | -3.4   | 99    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.694 | 0.687 | 1.0    | 96    | -0.01    |
| 62   | 4-Nitroaniline             | 0.241 | 0.306 | -27.0# | 109   | -0.01    |
| 63   | Azobenzene                 | 1.689 | 1.709 | -1.2   | 97    | -0.02    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.054 | 0.062 | -14.8  | 117   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.536 | 0.520 | 3.0    | 96    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.212 | 0.189 | 10.8   | 90    | -0.01    |
| 68   | Hexachlorobenzene          | 0.250 | 0.242 | 3.2    | 95    | -0.01    |
| 69   | Atrazine                   | 0.184 | 0.174 | 5.4    | 91    | -0.01    |
| 70 C | Pentachlorophenol          | 0.137 | 0.144 | -5.1   | 104   | 0.00     |
| 71   | Phenanthrene               | 0.962 | 0.960 | 0.2    | 98    | 0.00     |
| 72   | Anthracene                 | 0.943 | 0.941 | 0.2    | 98    | 0.00     |
| 73   | Carbazole                  | 0.909 | 0.924 | -1.7   | 98    | -0.01    |
| 74   | Di-n-butylphthalate        | 1.116 | 1.142 | -2.3   | 98    | 0.00     |
| 75 C | Fluoranthene               | 1.180 | 1.216 | -3.1   | 100   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 103   | 0.00     |
| 77   | Benzidine                  | 0.420 | 0.477 | -13.6  | 103   | 0.00     |
| 78   | Pyrene                     | 1.307 | 1.267 | 3.1    | 101   | 0.00     |
| 79 S | Terphenyl-d14              | 1.029 | 0.996 | 3.2    | 102   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.437 | 0.465 | -6.4   | 102   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.256 | 1.262 | -0.5   | 103   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.403 | 0.420 | -4.2   | 101   | -0.02    |
| 83   | Chrysene                   | 1.185 | 1.190 | -0.4   | 102   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.742 | 0.783 | -5.5   | 103   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 1.199 | 1.215 | -1.3   | 100   | -0.01    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 102   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.296 | 1.332 | -2.8   | 102   | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.167 | -1.6   | 103   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.121 | 1.152 | -2.8   | 103   | -0.01    |
| 90 C | Benzo(a)pyrene             | 0.997 | 1.025 | -2.8   | 103   | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 1.077 | 1.111 | -3.2   | 103   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.080 | 1.119 | -3.6   | 103   | 0.00     |

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| Compound | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 1