

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041222\  
 Data File : BF127753.D  
 Acq On : 12 Apr 2022 12:29  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 13 07:32:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 07:19:18 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   | 107   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.584 | 0.522 | 10.6  | 95    | 0.00     |
| 3    | Pyridine                    | 1.538 | 1.357 | 11.8  | 95    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.827 | 0.662 | 20.0  | 85    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.231 | 1.116 | 9.3   | 100   | 0.00     |
| 6    | Aniline                     | 1.920 | 1.728 | 10.0  | 95    | 0.00     |
| 7 S  | Phenol-d6                   | 1.610 | 1.440 | 10.6  | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 1.249 | 1.162 | 7.0   | 102   | 0.00     |
| 9    | Benzaldehyde                | 0.910 | 0.735 | 19.2  | 101   | 0.00     |
| 10 C | Phenol                      | 1.610 | 1.463 | 9.1   | 98    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.330 | 1.187 | 10.8  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.427 | 1.321 | 7.4   | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.442 | 1.339 | 7.1   | 103   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.379 | 1.234 | 10.5  | 102   | 0.00     |
| 15   | Benzyl Alcohol              | 1.408 | 1.205 | 14.4  | 91    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.099 | 1.750 | 16.6  | 89    | 0.00     |
| 17   | 2-Methylphenol              | 1.086 | 0.969 | 10.8  | 96    | 0.00     |
| 18   | Hexachloroethane            | 0.550 | 0.493 | 10.4  | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.041 | 0.873 | 16.1  | 90    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.384 | 1.235 | 10.8  | 96    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 22   | Acetophenone                | 0.537 | 0.484 | 9.9   | 95    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.449 | 0.419 | 6.7   | 94    | 0.00     |
| 24   | Nitrobenzene                | 0.435 | 0.402 | 7.6   | 94    | 0.00     |
| 25   | Isophorone                  | 0.783 | 0.689 | 12.0  | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.156 | 0.172 | -10.3 | 106   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.306 | 0.277 | 9.5   | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.483 | 0.434 | 10.1  | 93    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.330 | 0.310 | 6.1   | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.379 | 0.361 | 4.7   | 99    | 0.00     |
| 31   | Naphthalene                 | 1.048 | 0.970 | 7.4   | 97    | 0.00     |
| 32   | Benzoic acid                | 0.222 | 0.203 | 8.6   | 87    | 0.00     |
| 33   | 4-Chloroaniline             | 0.413 | 0.386 | 6.5   | 97    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.261 | 0.251 | 3.8   | 100   | 0.00     |
| 35   | Caprolactam                 | 0.097 | 0.088 | 9.3   | 91    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.346 | 0.315 | 9.0   | 93    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.701 | 0.647 | 7.7   | 96    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.677 | 0.617 | 8.9   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.656 | 0.647 | 1.4   | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.395 | 0.384 | 2.8   | 95    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.213 | 0.230 | -8.0  | 112   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.445 | 0.419 | 5.8   | 95    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.449 | 0.444 | 1.1   | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.414 | 1.284 | 9.2   | 96    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.530 | 1.431 | 6.5   | 97    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.216 | 1.135 | 6.7   | 96    | 0.00     |

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|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.378 | 0.372 | 1.6   | 94    | 0.00     |
| 49   | Acenaphthylene             | 1.849 | 1.723 | 6.8   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 1.450 | 1.331 | 8.2   | 94    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.273 | 0.274 | -0.4  | 98    | 0.00     |
| 52 C | Acenaphthene               | 1.165 | 1.092 | 6.3   | 96    | 0.00     |
| 53   | 3-Nitroaniline             | 0.289 | 0.289 | 0.0   | 99    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.119 | 0.140 | -17.6 | 113   | 0.00     |
| 55   | Dibenzofuran               | 1.700 | 1.598 | 6.0   | 97    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.227 | 0.224 | 1.3   | 97    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.339 | 0.360 | -6.2  | 104   | 0.00     |
| 58   | Fluorene                   | 1.256 | 1.185 | 5.7   | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.392 | 0.381 | 2.8   | 100   | 0.00     |
| 60   | Diethylphthalate           | 1.387 | 1.257 | 9.4   | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.690 | 0.663 | 3.9   | 100   | 0.00     |
| 62   | 4-Nitroaniline             | 0.272 | 0.285 | -4.8  | 104   | 0.00     |
| 63   | Azobenzene                 | 1.550 | 1.342 | 13.4  | 88    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.097 | 0.113 | -16.5 | 113   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.630 | 0.589 | 6.5   | 97    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.243 | 0.241 | 0.8   | 102   | 0.00     |
| 68   | Hexachlorobenzene          | 0.265 | 0.262 | 1.1   | 101   | 0.00     |
| 69   | Atrazine                   | 0.209 | 0.193 | 7.7   | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 0.158 | 0.156 | 1.3   | 99    | 0.00     |
| 71   | Phenanthrene               | 1.060 | 0.976 | 7.9   | 97    | 0.00     |
| 72   | Anthracene                 | 1.048 | 0.971 | 7.3   | 97    | 0.00     |
| 73   | Carbazole                  | 0.982 | 0.905 | 7.8   | 98    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.174 | 1.045 | 11.0  | 92    | 0.00     |
| 75 C | Fluoranthene               | 1.156 | 1.053 | 8.9   | 98    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 77   | Benzidine                  | 0.522 | 0.457 | 12.5  | 107   | 0.00     |
| 78   | Pyrene                     | 1.689 | 1.601 | 5.2   | 97    | 0.00     |
| 79 S | Terphenyl-d14              | 1.212 | 1.151 | 5.0   | 99    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.629 | 0.570 | 9.4   | 90    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.336 | 1.253 | 6.2   | 100   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.416 | 0.401 | 3.6   | 106   | 0.00     |
| 83   | Chrysene                   | 1.282 | 1.183 | 7.7   | 98    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.886 | 0.730 | 17.6  | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.296 | 1.093 | 15.7  | 86    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.250 | 1.411 | -12.9 | 118   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.287 | 1.190 | 7.5   | 106   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.276 | 1.127 | 11.7  | 100   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.046 | 0.992 | 5.2   | 105   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.012 | 1.147 | -13.3 | 118   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.038 | 1.196 | -15.2 | 120   | 0.00     |

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

(#) = Out of Range

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