

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081821\  
 Data File : BF125091.D  
 Acq On : 18 Aug 2021 16:47  
 Operator : JU/CG  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF081821

Quant Time: Aug 18 17:44:52 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 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   | 88    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.652 | 0.672 | -3.1  | 89    | -0.03    |
| 3    | Pyridine                    | 1.721 | 1.758 | -2.1  | 86    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 0.861 | 0.886 | -2.9  | 86    | -0.03    |
| 5 S  | 2-Fluorophenol              | 1.321 | 1.327 | -0.5  | 89    | 0.00     |
| 6    | Aniline                     | 2.007 | 2.006 | 0.0   | 85    | 0.00     |
| 7 S  | Phenol-d6                   | 1.709 | 1.696 | 0.8   | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 1.348 | 1.369 | -1.6  | 88    | 0.00     |
| 9    | Benzaldehyde                | 1.199 | 1.145 | 4.5   | 87    | 0.00     |
| 10 C | Phenol                      | 1.790 | 1.802 | -0.7  | 87    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.409 | 1.425 | -1.1  | 88    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.562 | 1.556 | 0.4   | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.556 | 1.566 | -0.6  | 89    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.464 | 1.440 | 1.6   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 1.316 | 1.338 | -1.7  | 84    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.827 | 2.892 | -2.3  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 1.132 | 1.131 | 0.1   | 85    | 0.00     |
| 18   | Hexachloroethane            | 0.545 | 0.558 | -2.4  | 89    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 1.015 | 1.3   | 83    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.421 | 1.428 | -0.5  | 87    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 83    | 0.00     |
| 22   | Acetophenone                | 0.515 | 0.522 | -1.4  | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.397 | 0.422 | -6.3  | 85    | 0.00     |
| 24   | Nitrobenzene                | 0.433 | 0.454 | -4.8  | 84    | 0.00     |
| 25   | Isophorone                  | 0.766 | 0.793 | -3.5  | 81    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.173 | 0.195 | -12.7 | 84    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.303 | 0.301 | 0.7   | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.424 | 0.443 | -4.5  | 85    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.309 | 0.328 | -6.1  | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.337 | 0.345 | -2.4  | 85    | 0.00     |
| 31   | Naphthalene                 | 1.024 | 1.054 | -2.9  | 86    | 0.00     |
| 32   | Benzoic acid                | 0.205 | 0.236 | -15.1 | 77    | -0.01    |
| 33   | 4-Chloroaniline             | 0.404 | 0.418 | -3.5  | 82    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.215 | 0.225 | -4.7  | 89    | 0.00     |
| 35   | Caprolactam                 | 0.080 | 0.086 | -7.5  | 72    | -0.01    |
| 36 C | 4-Chloro-3-methylphenol     | 0.315 | 0.333 | -5.7  | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.677 | 0.687 | -1.5  | 82    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.632 | 0.650 | -2.8  | 82    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.653 | 0.659 | -0.9  | 84    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.343 | 0.354 | -3.2  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.200 | 0.210 | -5.0  | 75    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.460 | 0.475 | -3.3  | 81    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.484 | 0.503 | -3.9  | 80    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.435 | 1.401 | 2.4   | 85    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.612 | 1.593 | 1.2   | 82    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.310 | 1.315 | -0.4  | 81    | 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             | 0.406 | 0.431 | -6.2  | 74    | 0.00     |
| 49   | Acenaphthylene             | 1.909 | 1.903 | 0.3   | 78    | 0.00     |
| 50   | Dimethylphthalate          | 1.386 | 1.382 | 0.3   | 76    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.301 | 0.319 | -6.0  | 74    | 0.00     |
| 52 C | Acenaphthene               | 1.184 | 1.203 | -1.6  | 79    | 0.00     |
| 53   | 3-Nitroaniline             | 0.324 | 0.332 | -2.5  | 71    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.119 | 0.132 | -10.9 | 68    | 0.00     |
| 55   | Dibenzofuran               | 1.703 | 1.693 | 0.6   | 79    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.257 | 0.268 | -4.3  | 70    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.364 | 0.389 | -6.9  | 71    | 0.00     |
| 58   | Fluorene                   | 1.259 | 1.239 | 1.6   | 78    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.359 | 0.369 | -2.8  | 76    | 0.00     |
| 60   | Diethylphthalate           | 1.351 | 1.368 | -1.3  | 75    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.637 | 0.635 | 0.3   | 79    | 0.00     |
| 62   | 4-Nitroaniline             | 0.291 | 0.297 | -2.1  | 66    | 0.00     |
| 63   | Azobenzene                 | 1.516 | 1.519 | -0.2  | 76    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 71    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.106 | 0.117 | -10.4 | 67    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.716 | 0.738 | -3.1  | 76    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.240 | 0.254 | -5.8  | 75    | 0.00     |
| 68   | Hexachlorobenzene          | 0.247 | 0.259 | -4.9  | 74    | 0.00     |
| 69   | Atrazine                   | 0.205 | 0.211 | -2.9  | 69    | 0.00     |
| 70 C | Pentachlorophenol          | 0.144 | 0.158 | -9.7  | 72    | 0.00     |
| 71   | Phenanthrene               | 1.102 | 1.103 | -0.1  | 72    | 0.00     |
| 72   | Anthracene                 | 1.086 | 1.103 | -1.6  | 73    | 0.00     |
| 73   | Carbazole                  | 0.993 | 0.993 | 0.0   | 69    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.178 | 1.247 | -5.9  | 73    | 0.00     |
| 75 C | Fluoranthene               | 1.093 | 1.099 | -0.5  | 69    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 75    | 0.00     |
| 77   | Benzydine                  | 0.698 | 0.669 | 4.2   | 65    | 0.00     |
| 78   | Pyrene                     | 1.716 | 1.750 | -2.0  | 71    | 0.00     |
| 79 S | Terphenyl-d14              | 1.255 | 1.226 | 2.3   | 71    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.674 | 0.708 | -5.0  | 69    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.441 | 1.469 | -1.9  | 76    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.447 | 0.460 | -2.9  | 75    | 0.00     |
| 83   | Chrysene                   | 1.425 | 1.425 | 0.0   | 74    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.927 | 0.988 | -6.6  | 76    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.541 | 1.658 | -7.6  | 79    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.441 | 1.553 | -7.8  | 103   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.461 | 1.543 | -5.6  | 86    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.363 | 1.421 | -4.3  | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.291 | 1.368 | -6.0  | 90    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.245 | 1.358 | -9.1  | 103   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.201 | 1.305 | -8.7  | 105   | 0.00     |

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

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0