

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092321\  
 Data File : BF125593.D  
 Acq On : 23 Sep 2021 15:43  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 16:46:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 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   | 122   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.510 | 0.482 | 5.5   | 123   | 0.00     |
| 3    | Pyridine                    | 1.366 | 1.289 | 5.6   | 122   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.539 | 0.477 | 11.5  | 115   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.265 | 1.141 | 9.8   | 120   | 0.00     |
| 6    | Aniline                     | 1.877 | 1.707 | 9.1   | 118   | 0.00     |
| 7 S  | Phenol-d6                   | 1.631 | 1.470 | 9.9   | 120   | 0.00     |
| 8    | 2-Chlorophenol              | 1.444 | 1.331 | 7.8   | 120   | 0.00     |
| 9    | Benzaldehyde                | 0.912 | 0.781 | 14.4  | 119   | 0.00     |
| 10 C | Phenol                      | 1.660 | 1.488 | 10.4  | 119   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.327 | 1.192 | 10.2  | 119   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.552 | 1.403 | 9.6   | 118   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.569 | 1.421 | 9.4   | 119   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.465 | 1.335 | 8.9   | 120   | 0.00     |
| 15   | Benzyl Alcohol              | 1.167 | 1.057 | 9.4   | 118   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.826 | 1.560 | 14.6  | 112   | 0.00     |
| 17   | 2-Methylphenol              | 1.153 | 1.045 | 9.4   | 119   | 0.00     |
| 18   | Hexachloroethane            | 0.559 | 0.506 | 9.5   | 118   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.976 | 0.842 | 13.7  | 116   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.433 | 1.270 | 11.4  | 117   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 121   | 0.00     |
| 22   | Acetophenone                | 0.463 | 0.415 | 10.4  | 117   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.314 | 0.314 | 0.0   | 125   | 0.00     |
| 24   | Nitrobenzene                | 0.332 | 0.325 | 2.1   | 122   | 0.00     |
| 25   | Isophorone                  | 0.675 | 0.606 | 10.2  | 117   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.150 | 0.174 | -16.0 | 138   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.300 | 0.276 | 8.0   | 120   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.388 | 0.348 | 10.3  | 116   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.303 | 0.286 | 5.6   | 121   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.319 | 0.295 | 7.5   | 119   | 0.00     |
| 31   | Naphthalene                 | 1.027 | 0.933 | 9.2   | 119   | 0.00     |
| 32   | Benzoic acid                | 0.182 | 0.195 | -7.1  | 134   | 0.00     |
| 33   | 4-Chloroaniline             | 0.421 | 0.387 | 8.1   | 119   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.180 | 0.167 | 7.2   | 120   | 0.00     |
| 35   | Caprolactam                 | 0.083 | 0.078 | 6.0   | 120   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.298 | 0.273 | 8.4   | 119   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.696 | 0.637 | 8.5   | 121   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.653 | 0.597 | 8.6   | 120   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 119   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.539 | 0.510 | 5.4   | 120   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.301 | 0.273 | 9.3   | 111   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.196 | 0.191 | 2.6   | 123   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.406 | 0.390 | 3.9   | 121   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.426 | 0.416 | 2.3   | 119   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.323 | 1.142 | 13.7  | 120   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.507 | 1.427 | 5.3   | 121   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.252 | 1.182 | 5.6   | 119   | 0.00     |

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 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) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.267 | 0.294 | -10.1 | 129   | 0.00     |
| 49   | Acenaphthylene             | 1.839 | 1.717 | 6.6   | 118   | 0.00     |
| 50   | Dimethylphthalate          | 1.376 | 1.300 | 5.5   | 122   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.274 | 0.297 | -8.4  | 127   | 0.00     |
| 52 C | Acenaphthene               | 1.161 | 1.093 | 5.9   | 120   | 0.00     |
| 53   | 3-Nitroaniline             | 0.291 | 0.308 | -5.8  | 126   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.099 | 0.118 | -19.2 | 147   | 0.00     |
| 55   | Dibenzofuran               | 1.723 | 1.580 | 8.3   | 118   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.236 | 0.245 | -3.8  | 122   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.328 | 0.381 | -16.2 | 132   | 0.00     |
| 58   | Fluorene                   | 1.325 | 1.145 | 13.6  | 118   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.320 | 0.311 | 2.8   | 121   | 0.00     |
| 60   | Diethylphthalate           | 1.357 | 1.258 | 7.3   | 117   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.589 | 0.537 | 8.8   | 120   | 0.00     |
| 62   | 4-Nitroaniline             | 0.263 | 0.275 | -4.6  | 126   | 0.00     |
| 63   | Azobenzene                 | 1.318 | 1.183 | 10.2  | 114   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 119   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.097 | 0.116 | -19.6 | 141   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.726 | 0.670 | 7.7   | 117   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.229 | 0.211 | 7.9   | 118   | 0.00     |
| 68   | Hexachlorobenzene          | 0.258 | 0.242 | 6.2   | 118   | 0.00     |
| 69   | Atrazine                   | 0.195 | 0.192 | 1.5   | 120   | 0.00     |
| 70 C | Pentachlorophenol          | 0.147 | 0.145 | 1.4   | 118   | 0.00     |
| 71   | Phenanthrene               | 1.123 | 1.033 | 8.0   | 119   | 0.00     |
| 72   | Anthracene                 | 1.120 | 1.028 | 8.2   | 117   | 0.00     |
| 73   | Carbazole                  | 1.059 | 0.945 | 10.8  | 114   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.257 | 1.117 | 11.1  | 114   | 0.00     |
| 75 C | Fluoranthene               | 1.102 | 0.983 | 10.8  | 114   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 117   | 0.00     |
| 77   | Benzydine                  | 0.567 | 0.529 | 6.7   | 106   | 0.00     |
| 78   | Pyrene                     | 1.874 | 1.773 | 5.4   | 113   | 0.00     |
| 79 S | Terphenyl-d14              | 1.239 | 1.135 | 8.4   | 114   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.757 | 0.720 | 4.9   | 113   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.361 | 1.263 | 7.2   | 116   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.417 | 0.408 | 2.2   | 120   | 0.00     |
| 83   | Chrysene                   | 1.375 | 1.311 | 4.7   | 118   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.926 | 0.906 | 2.2   | 118   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.539 | 1.555 | -1.0  | 120   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 125   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.436 | 1.422 | 1.0   | 123   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.463 | 1.350 | 7.7   | 122   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.338 | 1.258 | 6.0   | 126   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.273 | 1.189 | 6.6   | 123   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.217 | 1.222 | -0.4  | 125   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.201 | 1.161 | 3.3   | 120   | 0.00     |

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

(#) = Out of Range

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