

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032024\  
 Data File : BF137651.D  
 Acq On : 20 Mar 2024 13:11  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 20 13:45:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 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   | 84    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.722 | 0.654 | 9.4   | 74    | 0.00     |
| 3    | Pyridine                    | 1.741 | 1.655 | 4.9   | 73    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.652 | 0.594 | 8.9   | 71    | 0.01     |
| 5 S  | 2-Fluorophenol              | 1.321 | 1.280 | 3.1   | 78    | 0.00     |
| 6    | Aniline                     | 2.329 | 2.133 | 8.4   | 73    | 0.00     |
| 7 S  | Phenol-d6                   | 1.906 | 1.736 | 8.9   | 76    | 0.00     |
| 8    | 2-Chlorophenol              | 1.393 | 1.308 | 6.1   | 78    | 0.00     |
| 9    | Benzaldehyde                | 0.934 | 0.861 | 7.8   | 72    | 0.00     |
| 10 C | Phenol                      | 2.052 | 1.883 | 8.2   | 75    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.503 | 1.337 | 11.0  | 71    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.488 | 1.402 | 5.8   | 78    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.523 | 1.434 | 5.8   | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.398 | 1.319 | 5.7   | 79    | 0.00     |
| 15   | Benzyl Alcohol              | 1.187 | 1.085 | 8.6   | 72    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.584 | 2.092 | 19.0  | 68    | 0.00     |
| 17   | 2-Methylphenol              | 1.303 | 1.225 | 6.0   | 78    | 0.00     |
| 18   | Hexachloroethane            | 0.501 | 0.486 | 3.0   | 80    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.177 | 0.994 | 15.5  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.493 | 1.360 | 8.9   | 76    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 22   | Acetophenone                | 0.484 | 0.456 | 5.8   | 76    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.430 | 0.407 | 5.3   | 74    | 0.00     |
| 24   | Nitrobenzene                | 0.432 | 0.412 | 4.6   | 75    | 0.00     |
| 25   | Isophorone                  | 0.818 | 0.741 | 9.4   | 72    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.172 | 0.172 | 0.0   | 77    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.321 | 0.312 | 2.8   | 76    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.480 | 0.457 | 4.8   | 75    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.293 | 0.3   | 77    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.310 | 0.303 | 2.3   | 78    | 0.00     |
| 31   | Naphthalene                 | 1.073 | 1.019 | 5.0   | 77    | 0.00     |
| 32   | Benzoic acid                | 0.167 | 0.147 | 12.0  | 71    | 0.00     |
| 33   | 4-Chloroaniline             | 0.421 | 0.410 | 2.6   | 74    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.183 | 0.180 | 1.6   | 78    | 0.00     |
| 35   | Caprolactam                 | 0.100 | 0.096 | 4.0   | 75    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.329 | 0.313 | 4.9   | 74    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.684 | 0.645 | 5.7   | 75    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.644 | 0.593 | 7.9   | 74    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.558 | 0.550 | 1.4   | 76    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.180 | 0.214 | -18.9 | 88    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.176 | 0.177 | -0.6  | 79    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.364 | 0.354 | 2.7   | 73    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.419 | 0.423 | -1.0  | 77    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.278 | 1.202 | 5.9   | 75    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.464 | 1.402 | 4.2   | 74    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.116 | 1.068 | 4.3   | 74    | 0.00     |

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.379 | 0.375 | 1.1   | 72    | 0.00     |
| 49   | Acenaphthylene             | 1.786 | 1.684 | 5.7   | 73    | 0.00     |
| 50   | Dimethylphthalate          | 1.392 | 1.319 | 5.2   | 74    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.291 | 0.289 | 0.7   | 75    | 0.00     |
| 52 C | Acenaphthene               | 1.066 | 0.990 | 7.1   | 73    | 0.00     |
| 53   | 3-Nitroaniline             | 0.308 | 0.309 | -0.3  | 73    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.111 | 0.111 | 0.0   | 71    | 0.00     |
| 55   | Dibenzofuran               | 1.624 | 1.507 | 7.2   | 72    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.190 | 0.191 | -0.5  | 72    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.358 | 0.360 | -0.6  | 74    | 0.00     |
| 58   | Fluorene                   | 1.247 | 1.145 | 8.2   | 73    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.336 | 0.325 | 3.3   | 74    | 0.00     |
| 60   | Diethylphthalate           | 1.315 | 1.220 | 7.2   | 72    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.611 | 0.567 | 7.2   | 75    | 0.00     |
| 62   | 4-Nitroaniline             | 0.265 | 0.244 | 7.9   | 69    | 0.00     |
| 63   | Azobenzene                 | 1.514 | 1.341 | 11.4  | 68    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 74    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.111 | 0.115 | -3.6  | 73    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.644 | 0.625 | 3.0   | 73    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.218 | 0.219 | -0.5  | 74    | 0.00     |
| 68   | Hexachlorobenzene          | 0.220 | 0.225 | -2.3  | 77    | 0.00     |
| 69   | Atrazine                   | 0.196 | 0.202 | -3.1  | 76    | 0.00     |
| 70 C | Pentachlorophenol          | 0.133 | 0.118 | 11.3  | 63    | 0.00     |
| 71   | Phenanthrene               | 1.088 | 1.033 | 5.1   | 73    | 0.00     |
| 72   | Anthracene                 | 1.118 | 1.071 | 4.2   | 73    | 0.00     |
| 73   | Carbazole                  | 0.958 | 0.910 | 5.0   | 71    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.139 | 1.111 | 2.5   | 73    | 0.00     |
| 75 C | Fluoranthene               | 1.064 | 1.007 | 5.4   | 73    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 77   | Benzydine                  | 0.489 | 0.393 | 19.6  | 62    | 0.00     |
| 78   | Pyrene                     | 1.962 | 1.688 | 14.0  | 73    | 0.00     |
| 79 S | Terphenyl-d14              | 1.454 | 1.265 | 13.0  | 76    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.501 | 0.615 | -22.8 | 104   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.402 | 1.250 | 10.8  | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.373 | 0.402 | -7.8  | 86    | 0.00     |
| 83   | Chrysene                   | 1.417 | 1.284 | 9.4   | 79    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.637 | 0.777 | -22.0 | 102   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.120 | 1.221 | -9.0  | 91    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 86    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.316 | 1.140 | 13.4  | 71    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.183 | 1.164 | 1.6   | 84    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.271 | 1.130 | 11.1  | 79    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.166 | 1.099 | 5.7   | 78    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.068 | 0.928 | 13.1  | 70    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.096 | 0.930 | 15.1  | 69    | 0.00     |

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(#) = Out of Range

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