

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090524\  
 Data File : BF139265.D  
 Acq On : 05 Sep 2024 18:55  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 06 01:07:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 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  | 103   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.557 | 0.526 | 5.6  | 99    | 0.00     |
| 3    | Pyridine                    | 1.344 | 1.305 | 2.9  | 103   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.873 | 0.819 | 6.2  | 98    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.196 | 1.135 | 5.1  | 102   | 0.00     |
| 6    | Aniline                     | 1.468 | 1.390 | 5.3  | 101   | 0.00     |
| 7 S  | Phenol-d6                   | 1.596 | 1.500 | 6.0  | 100   | 0.00     |
| 8    | 2-Chlorophenol              | 1.239 | 1.178 | 4.9  | 103   | 0.00     |
| 9    | Benzaldehyde                | 0.966 | 0.918 | 5.0  | 110   | 0.00     |
| 10 C | Phenol                      | 1.683 | 1.584 | 5.9  | 100   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.206 | 1.156 | 4.1  | 103   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.402 | 1.325 | 5.5  | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.404 | 1.326 | 5.6  | 101   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.309 | 1.232 | 5.9  | 100   | 0.00     |
| 15   | Benzyl Alcohol              | 1.164 | 1.101 | 5.4  | 99    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.296 | 2.140 | 6.8  | 98    | 0.00     |
| 17   | 2-Methylphenol              | 1.012 | 0.958 | 5.3  | 101   | 0.00     |
| 18   | Hexachloroethane            | 0.501 | 0.475 | 5.2  | 101   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.919 | 0.864 | 6.0  | 101   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.276 | 1.201 | 5.9  | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 102   | 0.00     |
| 22   | Acetophenone                | 0.476 | 0.459 | 3.6  | 101   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.384 | 0.380 | 1.0  | 102   | 0.00     |
| 24   | Nitrobenzene                | 0.408 | 0.399 | 2.2  | 102   | 0.00     |
| 25   | Isophorone                  | 0.657 | 0.635 | 3.3  | 101   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.160 | 0.167 | -4.4 | 103   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.229 | 0.220 | 3.9  | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.392 | 0.376 | 4.1  | 101   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.274 | 0.266 | 2.9  | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.313 | 0.304 | 2.9  | 102   | 0.00     |
| 31   | Naphthalene                 | 1.013 | 0.974 | 3.8  | 101   | 0.00     |
| 32   | Benzoic acid                | 0.208 | 0.201 | 3.4  | 100   | 0.00     |
| 33   | 4-Chloroaniline             | 0.351 | 0.330 | 6.0  | 100   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.198 | 0.191 | 3.5  | 102   | 0.00     |
| 35   | Caprolactam                 | 0.085 | 0.084 | 1.2  | 100   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.298 | 0.289 | 3.0  | 100   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.634 | 0.612 | 3.5  | 102   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.623 | 0.594 | 4.7  | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.566 | 0.548 | 3.2  | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.182 | 0.191 | -4.9 | 99    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.173 | 0.171 | 1.2  | 101   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.370 | 0.354 | 4.3  | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.388 | 0.391 | -0.8 | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.296 | 1.225 | 5.5  | 101   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.482 | 1.413 | 4.7  | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.119 | 1.074 | 4.0  | 100   | 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             | 0.385 | 0.392 | -1.8 | 101   | 0.00     |
| 49   | Acenaphthylene             | 1.685 | 1.633 | 3.1  | 100   | 0.00     |
| 50   | Dimethylphthalate          | 1.212 | 1.180 | 2.6  | 101   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.275 | 0.277 | -0.7 | 99    | 0.00     |
| 52 C | Acenaphthene               | 1.118 | 1.084 | 3.0  | 99    | 0.00     |
| 53   | 3-Nitroaniline             | 0.293 | 0.290 | 1.0  | 99    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.122 | -3.4 | 100   | 0.00     |
| 55   | Dibenzofuran               | 1.603 | 1.546 | 3.6  | 100   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.216 | 0.212 | 1.9  | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.350 | 0.367 | -4.9 | 102   | 0.00     |
| 58   | Fluorene                   | 1.242 | 1.188 | 4.3  | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.305 | 0.308 | -1.0 | 102   | 0.00     |
| 60   | Diethylphthalate           | 1.193 | 1.171 | 1.8  | 100   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.599 | 0.576 | 3.8  | 99    | 0.00     |
| 62   | 4-Nitroaniline             | 0.279 | 0.278 | 0.4  | 98    | 0.00     |
| 63   | Azobenzene                 | 1.257 | 1.207 | 4.0  | 99    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.092 | 0.095 | -3.3 | 99    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.582 | 0.548 | 5.8  | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.194 | 0.186 | 4.1  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 0.222 | 0.214 | 3.6  | 101   | 0.00     |
| 69   | Atrazine                   | 0.134 | 0.126 | 6.0  | 101   | 0.00     |
| 70 C | Pentachlorophenol          | 0.128 | 0.130 | -1.6 | 96    | 0.00     |
| 71   | Phenanthrene               | 0.934 | 0.887 | 5.0  | 100   | 0.00     |
| 72   | Anthracene                 | 0.913 | 0.877 | 3.9  | 99    | 0.00     |
| 73   | Carbazole                  | 0.853 | 0.823 | 3.5  | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 0.873 | 0.885 | -1.4 | 100   | 0.00     |
| 75 C | Fluoranthene               | 0.937 | 0.903 | 3.6  | 100   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 101   | 0.00     |
| 77   | Benzydine                  | 0.403 | 0.349 | 13.4 | 81    | 0.00     |
| 78   | Pyrene                     | 1.932 | 1.913 | 1.0  | 100   | 0.00     |
| 79 S | Terphenyl-d14              | 1.239 | 1.209 | 2.4  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.455 | 0.480 | -5.5 | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.277 | 1.241 | 2.8  | 103   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.339 | 0.361 | -6.5 | 105   | 0.00     |
| 83   | Chrysene                   | 1.192 | 1.135 | 4.8  | 96    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.534 | 0.541 | -1.3 | 95    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.022 | 0.978 | 4.3  | 92    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.249 | 1.108 | 11.3 | 91    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.152 | 1.097 | 4.8  | 99    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.033 | 1.064 | -3.0 | 108   | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.978 | 0.972 | 0.6  | 102   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.030 | 0.912 | 11.5 | 90    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.063 | 0.926 | 12.9 | 90    | -0.01    |

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

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

(#) = Out of Range

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