

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090325\  
 Data File : BF143632.D  
 Acq On : 03 Sep 2025 18:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF090325

Quant Time: Sep 03 18:50:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 03 18:35:49 2025  
 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    | 105   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.533 | 0.536 | -0.6   | 103   | 0.00     |
| 3    | Pyridine                    | 1.411 | 1.414 | -0.2   | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.586 | 0.589 | -0.5   | 103   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.129 | 1.159 | -2.7   | 105   | 0.00     |
| 6    | Aniline                     | 1.950 | 1.969 | -1.0   | 104   | 0.00     |
| 7 S  | Phenol-d6                   | 1.401 | 1.426 | -1.8   | 105   | 0.00     |
| 8    | 2-Chlorophenol              | 1.169 | 1.277 | -9.2   | 108   | 0.00     |
| 9    | Benzaldehyde                | 1.041 | 1.138 | -9.3   | 104   | 0.00     |
| 10 C | Phenol                      | 1.536 | 1.574 | -2.5   | 104   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.203 | 1.207 | -0.3   | 105   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.443 | 1.442 | 0.1    | 104   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.447 | 1.457 | -0.7   | 106   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.370 | 1.372 | -0.1   | 103   | 0.00     |
| 15   | Benzyl Alcohol              | 1.065 | 1.106 | -3.8   | 106   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.894 | 1.893 | 0.1    | 104   | 0.00     |
| 17   | 2-Methylphenol              | 1.022 | 1.049 | -2.6   | 105   | 0.00     |
| 18   | Hexachloroethane            | 0.451 | 0.488 | -8.2   | 109   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.892 | 0.920 | -3.1   | 105   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.287 | 1.334 | -3.7   | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 104   | 0.00     |
| 22   | Acetophenone                | 0.452 | 0.451 | 0.2    | 103   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.285 | 0.337 | -18.2  | 113   | 0.00     |
| 24   | Nitrobenzene                | 0.304 | 0.352 | -15.8  | 110   | 0.00     |
| 25   | Isophorone                  | 0.641 | 0.656 | -2.3   | 107   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.112 | 0.161 | -43.8# | 137   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.279 | 0.296 | -6.1   | 107   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.392 | 0.392 | 0.0    | 104   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.274 | 0.298 | -8.8   | 107   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.299 | 0.305 | -2.0   | 104   | 0.00     |
| 31   | Naphthalene                 | 0.978 | 0.991 | -1.3   | 106   | 0.00     |
| 32   | Benzoic acid                | 0.145 | 0.192 | -32.4# | 139   | 0.00     |
| 33   | 4-Chloroaniline             | 0.339 | 0.356 | -5.0   | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.194 | 0.200 | -3.1   | 106   | 0.00     |
| 35   | Caprolactam                 | 0.073 | 0.086 | -17.8  | 116   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.287 | 0.307 | -7.0   | 108   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.662 | 0.677 | -2.3   | 106   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.633 | 0.647 | -2.2   | 107   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.555 | -0.4   | 107   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.268 | 0.294 | -9.7   | 112   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.167 | 0.201 | -20.4  | 116   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.341 | 0.377 | -10.6  | 113   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.352 | 0.394 | -11.9  | 111   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.252 | 1.227 | 2.0    | 106   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.422 | 1.402 | 1.4    | 105   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.113 | 1.111 | 0.2    | 107   | 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             | 0.261 | 0.324 | -24.1  | 119   | 0.00     |
| 49   | Acenaphthylene             | 1.604 | 1.608 | -0.2   | 106   | 0.00     |
| 50   | Dimethylphthalate          | 1.266 | 1.325 | -4.7   | 110   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.193 | 0.256 | -32.6# | 125   | 0.00     |
| 52 C | Acenaphthene               | 1.073 | 1.082 | -0.8   | 108   | 0.00     |
| 53   | 3-Nitroaniline             | 0.223 | 0.285 | -27.8# | 120   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.074 | 0.104 | -40.5# | 158#  | 0.00     |
| 55   | Dibenzofuran               | 1.559 | 1.576 | -1.1   | 108   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.188 | 0.231 | -22.9  | 123   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.260 | 0.349 | -34.2# | 126   | 0.00     |
| 58   | Fluorene                   | 1.206 | 1.198 | 0.7    | 107   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.267 | 0.321 | -20.2  | 115   | 0.00     |
| 60   | Diethylphthalate           | 1.202 | 1.266 | -5.3   | 109   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.602 | 0.603 | -0.2   | 107   | 0.00     |
| 62   | 4-Nitroaniline             | 0.219 | 0.274 | -25.1# | 117   | 0.00     |
| 63   | Azobenzene                 | 1.133 | 1.158 | -2.2   | 108   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 110   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.070 | 0.096 | -37.1# | 147   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.646 | 0.638 | 1.2    | 107   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.232 | 0.236 | -1.7   | 110   | 0.00     |
| 68   | Hexachlorobenzene          | 0.244 | 0.245 | -0.4   | 107   | 0.00     |
| 69   | Atrazine                   | 0.193 | 0.214 | -10.9  | 112   | 0.00     |
| 70 C | Pentachlorophenol          | 0.137 | 0.160 | -16.8  | 121   | 0.00     |
| 71   | Phenanthrene               | 1.081 | 1.068 | 1.2    | 108   | 0.00     |
| 72   | Anthracene                 | 1.085 | 1.088 | -0.3   | 108   | 0.00     |
| 73   | Carbazole                  | 0.914 | 0.942 | -3.1   | 110   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.027 | 1.151 | -12.1  | 113   | 0.00     |
| 75 C | Fluoranthene               | 0.993 | 1.018 | -2.5   | 109   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 77   | Benzydine                  | 0.458 | 0.497 | -8.5   | 108   | 0.00     |
| 78   | Pyrene                     | 1.650 | 1.721 | -4.3   | 108   | 0.00     |
| 79 S | Terphenyl-d14              | 1.200 | 1.269 | -5.7   | 111   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.452 | 0.579 | -28.1# | 118   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.295 | 1.275 | 1.5    | 107   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.353 | 0.382 | -8.2   | 112   | 0.00     |
| 83   | Chrysene                   | 1.164 | 1.217 | -4.6   | 107   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.648 | 0.772 | -19.1  | 115   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.187 | 1.321 | -11.3  | 115   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 105   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.394 | 1.444 | -3.6   | 104   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.205 | 1.257 | -4.3   | 102   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.042 | 1.041 | 0.1    | 106   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.036 | 1.067 | -3.0   | 104   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.147 | 1.184 | -3.2   | 104   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.105 | 1.122 | -1.5   | 104   | 0.00     |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 1