

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071425\  
 Data File : BM050429.D  
 Acq On : 14 Jul 2025 16:53  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 14 17:29:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 08 18:32:25 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.478 | 0.462 | 3.3   | 110   | 0.00     |
| 3    | Pyridine                    | 1.254 | 1.252 | 0.2   | 112   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.585 | 0.595 | -1.7  | 114   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.162 | 1.168 | -0.5  | 111   | 0.00     |
| 6    | Aniline                     | 1.880 | 1.891 | -0.6  | 110   | 0.00     |
| 7 S  | Phenol-d6                   | 1.465 | 1.509 | -3.0  | 113   | 0.00     |
| 8    | 2-Chlorophenol              | 1.225 | 1.227 | -0.2  | 110   | 0.00     |
| 9    | Benzaldehyde                | 0.871 | 0.978 | -12.3 | 119   | 0.00     |
| 10 C | Phenol                      | 1.528 | 1.550 | -1.4  | 113   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.223 | 1.201 | 1.8   | 110   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.490 | 1.456 | 2.3   | 110   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.521 | 1.483 | 2.5   | 111   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.456 | 1.424 | 2.2   | 111   | 0.00     |
| 15   | Benzyl Alcohol              | 1.032 | 1.036 | -0.4  | 111   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.802 | 1.758 | 2.4   | 110   | 0.00     |
| 17   | 2-Methylphenol              | 0.991 | 0.997 | -0.6  | 110   | 0.00     |
| 18   | Hexachloroethane            | 0.535 | 0.528 | 1.3   | 111   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.887 | 0.921 | -3.8  | 111   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.330 | 1.325 | 0.4   | 109   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 22   | Acetophenone                | 0.500 | 0.498 | 0.4   | 110   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.392 | 0.399 | -1.8  | 111   | 0.00     |
| 24   | Nitrobenzene                | 0.350 | 0.351 | -0.3  | 111   | 0.00     |
| 25   | Isophorone                  | 0.636 | 0.632 | 0.6   | 107   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.143 | 0.152 | -6.3  | 113   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.303 | 0.299 | 1.3   | 109   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.422 | 0.410 | 2.8   | 107   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.312 | 0.313 | -0.3  | 109   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.373 | 0.357 | 4.3   | 107   | 0.00     |
| 31   | Naphthalene                 | 1.016 | 0.985 | 3.1   | 108   | 0.00     |
| 32   | Benzoic acid                | 0.165 | 0.180 | -9.1  | 119   | 0.00     |
| 33   | 4-Chloroaniline             | 0.429 | 0.431 | -0.5  | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.228 | 0.214 | 6.1   | 105   | 0.00     |
| 35   | Caprolactam                 | 0.085 | 0.086 | -1.2  | 108   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.291 | 0.297 | -2.1  | 109   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.641 | 0.632 | 1.4   | 108   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.679 | 0.669 | 1.5   | 108   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.636 | 0.609 | 4.2   | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.407 | 0.389 | 4.4   | 105   | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 0.243 | 0.255 | -4.9  | 110   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.391 | 0.395 | -1.0  | 108   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.428 | 0.430 | -0.5  | 107   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.620 | 1.578 | 2.6   | 106   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.484 | 1.450 | 2.3   | 108   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.183 | 1.165 | 1.5   | 109   | 0.00     |

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

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.264 | 0.284 | -7.6  | 109   | 0.00     |
| 49   | Acenaphthylene             | 1.788 | 1.795 | -0.4  | 108   | 0.00     |
| 50   | Dimethylphthalate          | 1.377 | 1.351 | 1.9   | 107   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.264 | 0.279 | -5.7  | 110   | 0.00     |
| 52 C | Acenaphthene               | 1.137 | 1.130 | 0.6   | 109   | 0.00     |
| 53   | 3-Nitroaniline             | 0.281 | 0.301 | -7.1  | 110   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.121 | 0.129 | -6.6  | 118   | 0.00     |
| 55   | Dibenzofuran               | 1.751 | 1.713 | 2.2   | 107   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.242 | 0.252 | -4.1  | 110   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.350 | 0.382 | -9.1  | 110   | 0.00     |
| 58   | Fluorene                   | 1.443 | 1.436 | 0.5   | 108   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.360 | 0.367 | -1.9  | 108   | 0.00     |
| 60   | Diethylphthalate           | 1.315 | 1.308 | 0.5   | 107   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.754 | 0.739 | 2.0   | 106   | 0.00     |
| 62   | 4-Nitroaniline             | 0.288 | 0.322 | -11.8 | 111   | 0.00     |
| 63   | Azobenzene                 | 1.208 | 1.228 | -1.7  | 109   | -0.01    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.095 | 0.101 | -6.3  | 117   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.626 | 0.615 | 1.8   | 108   | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.215 | 2.3   | 108   | -0.01    |
| 68   | Hexachlorobenzene          | 0.260 | 0.251 | 3.5   | 107   | 0.00     |
| 69   | Atrazine                   | 0.206 | 0.210 | -1.9  | 108   | -0.01    |
| 70 C | Pentachlorophenol          | 0.162 | 0.165 | -1.9  | 112   | 0.00     |
| 71   | Phenanthrene               | 1.132 | 1.100 | 2.8   | 109   | 0.00     |
| 72   | Anthracene                 | 1.127 | 1.122 | 0.4   | 110   | -0.01    |
| 73   | Carbazole                  | 1.019 | 1.039 | -2.0  | 112   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.116 | 1.151 | -3.1  | 110   | -0.01    |
| 75 C | Fluoranthene               | 1.230 | 1.253 | -1.9  | 111   | -0.01    |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 116   | -0.01    |
| 77   | Benzidine                  | 0.510 | 0.299 | 41.4# | 63    | -0.01    |
| 78   | Pyrene                     | 1.281 | 1.213 | 5.3   | 112   | -0.01    |
| 79 S | Terphenyl-d14              | 1.137 | 1.182 | -4.0  | 109   | -0.01    |
| 80   | Butylbenzylphthalate       | 0.422 | 0.453 | -7.3  | 119   | -0.02    |
| 81   | Benzo(a)anthracene         | 1.303 | 1.300 | 0.2   | 118   | -0.01    |
| 82   | 3,3'-Dichlorobenzidine     | 0.439 | 0.426 | 3.0   | 115   | -0.01    |
| 83   | Chrysene                   | 1.229 | 1.213 | 1.3   | 117   | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.670 | 0.731 | -9.1  | 120   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 1.050 | 1.148 | -9.3  | 126   | -0.02    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 122   | -0.02    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.422 | 1.455 | -2.3  | 125   | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.230 | 1.225 | 0.4   | 121   | -0.02    |
| 89   | Benzo(k)fluoranthene       | 1.276 | 1.236 | 3.1   | 119   | -0.02    |
| 90 C | Benzo(a)pyrene             | 1.152 | 1.164 | -1.0  | 123   | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 1.198 | 1.223 | -2.1  | 125   | -0.04    |
| 92   | Benzo(g,h,i)perylene       | 1.132 | 1.152 | -1.8  | 125   | -0.03    |

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

(#) = Out of Range

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