

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
 Data File : BF124714.D  
 Acq On : 23 Jul 2021 15:39  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 23 16:17:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 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  | 121   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.413 | 0.411 | 0.5  | 112   | 0.02     |
| 3    | Pyridine                    | 0.977 | 1.043 | -6.8 | 118   | 0.02     |
| 4    | n-Nitrosodimethylamine      | 0.773 | 0.792 | -2.5 | 118   | 0.02     |
| 5 S  | 2-Fluorophenol              | 1.181 | 1.154 | 2.3  | 116   | 0.00     |
| 6    | Aniline                     | 1.522 | 1.509 | 0.9  | 119   | 0.00     |
| 7 S  | Phenol-d6                   | 1.481 | 1.466 | 1.0  | 118   | 0.00     |
| 8    | 2-Chlorophenol              | 1.332 | 1.319 | 1.0  | 120   | 0.00     |
| 9    | Benzaldehyde                | 0.797 | 0.735 | 7.8  | 118   | 0.00     |
| 10 C | Phenol                      | 1.418 | 1.436 | -1.3 | 124   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.124 | 1.099 | 2.2  | 119   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.448 | 1.405 | 3.0  | 116   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.449 | 1.440 | 0.6  | 118   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.400 | 1.355 | 3.2  | 116   | 0.00     |
| 15   | Benzyl Alcohol              | 0.974 | 1.005 | -3.2 | 121   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.892 | 1.889 | 0.2  | 119   | 0.00     |
| 17   | 2-Methylphenol              | 0.971 | 0.965 | 0.6  | 118   | 0.00     |
| 18   | Hexachloroethane            | 0.549 | 0.566 | -3.1 | 121   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.791 | 0.789 | 0.3  | 116   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.282 | 1.278 | 0.3  | 119   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 117   | 0.00     |
| 22   | Acetophenone                | 0.463 | 0.464 | -0.2 | 117   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.336 | 0.343 | -2.1 | 119   | 0.00     |
| 24   | Nitrobenzene                | 0.329 | 0.325 | 1.2  | 116   | 0.00     |
| 25   | Isophorone                  | 0.594 | 0.595 | -0.2 | 117   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.182 | 0.194 | -6.6 | 118   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.281 | 0.279 | 0.7  | 116   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.345 | 0.351 | -1.7 | 121   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.297 | 0.293 | 1.3  | 115   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.326 | 0.319 | 2.1  | 113   | 0.00     |
| 31   | Naphthalene                 | 1.044 | 1.033 | 1.1  | 116   | 0.00     |
| 32   | Benzoic acid                | 0.217 | 0.227 | -4.6 | 117   | 0.00     |
| 33   | 4-Chloroaniline             | 0.392 | 0.378 | 3.6  | 114   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.195 | 0.190 | 2.6  | 115   | 0.00     |
| 35   | Caprolactam                 | 0.077 | 0.078 | -1.3 | 120   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.284 | 0.289 | -1.8 | 112   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.697 | 0.687 | 1.4  | 115   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.661 | 0.638 | 3.5  | 114   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 116   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.558 | 0.541 | 3.0  | 114   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.332 | -0.6 | 108   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.172 | 0.169 | 1.7  | 112   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.396 | 0.400 | -1.0 | 116   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.407 | 0.426 | -4.7 | 117   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.362 | 1.330 | 2.3  | 114   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.493 | 1.475 | 1.2  | 116   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.182 | 1.161 | 1.8  | 114   | 0.00     |

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Quant Time: Jul 23 16:17:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 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) |
|------|----------------------------|-------|-------|------|-------|----------|
| 48   | 2-Nitroaniline             | 0.309 | 0.312 | -1.0 | 114   | 0.00     |
| 49   | Acenaphthylene             | 1.823 | 1.766 | 3.1  | 112   | 0.00     |
| 50   | Dimethylphthalate          | 1.377 | 1.347 | 2.2  | 112   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.304 | 0.296 | 2.6  | 112   | 0.00     |
| 52 C | Acenaphthene               | 1.208 | 1.191 | 1.4  | 112   | 0.00     |
| 53   | 3-Nitroaniline             | 0.320 | 0.307 | 4.1  | 106   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.176 | 0.191 | -8.5 | 125   | 0.00     |
| 55   | Dibenzofuran               | 1.726 | 1.663 | 3.7  | 111   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.253 | 0.247 | 2.4  | 110   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.413 | 0.409 | 1.0  | 111   | 0.00     |
| 58   | Fluorene                   | 1.324 | 1.287 | 2.8  | 111   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.321 | 0.327 | -1.9 | 114   | 0.00     |
| 60   | Diethylphthalate           | 1.432 | 1.370 | 4.3  | 111   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.640 | 0.595 | 7.0  | 111   | 0.00     |
| 62   | 4-Nitroaniline             | 0.317 | 0.315 | 0.6  | 113   | 0.00     |
| 63   | Azobenzene                 | 1.267 | 1.242 | 2.0  | 114   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 110   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.130 | 0.136 | -4.6 | 111   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.648 | 0.636 | 1.9  | 112   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.212 | 0.211 | 0.5  | 115   | 0.00     |
| 68   | Hexachlorobenzene          | 0.220 | 0.217 | 1.4  | 114   | 0.00     |
| 69   | Atrazine                   | 0.197 | 0.195 | 1.0  | 114   | 0.00     |
| 70 C | Pentachlorophenol          | 0.137 | 0.136 | 0.7  | 108   | 0.00     |
| 71   | Phenanthrene               | 1.076 | 1.038 | 3.5  | 109   | 0.00     |
| 72   | Anthracene                 | 1.075 | 1.046 | 2.7  | 112   | 0.00     |
| 73   | Carbazole                  | 1.008 | 0.970 | 3.8  | 110   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.343 | 1.265 | 5.8  | 105   | 0.00     |
| 75 C | Fluoranthene               | 1.098 | 1.034 | 5.8  | 107   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 107   | 0.00     |
| 77   | Benzydine                  | 0.564 | 0.589 | -4.4 | 102   | 0.00     |
| 78   | Pyrene                     | 1.583 | 1.587 | -0.3 | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 1.167 | 1.149 | 1.5  | 105   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.758 | 0.746 | 1.6  | 104   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.307 | 1.284 | 1.8  | 106   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.363 | 0.356 | 1.9  | 104   | 0.00     |
| 83   | Chrysene                   | 1.260 | 1.217 | 3.4  | 101   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 1.117 | 1.079 | 3.4  | 102   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.813 | 1.678 | 7.4  | 97    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 95    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.155 | 1.156 | -0.1 | 98    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.408 | 1.439 | -2.2 | 98    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.287 | 1.301 | -1.1 | 96    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.176 | 1.195 | -1.6 | 98    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.011 | 1.005 | 0.6  | 98    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 0.959 | 0.948 | 1.1  | 99    | 0.00     |

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

(#) = Out of Range

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