

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012423\  
 Data File : BM038520.D  
 Acq On : 24 Jan 2023 10:25  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 25 03:13:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 21 01:21:49 2023  
 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   | 75    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.567 | 0.583 | -2.8  | 76    | 0.00     |
| 3    | Pyridine                    | 1.490 | 1.652 | -10.9 | 75    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.707 | 0.794 | -12.3 | 82    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.210 | 1.291 | -6.7  | 77    | 0.00     |
| 6    | Aniline                     | 1.916 | 2.036 | -6.3  | 76    | 0.00     |
| 7 S  | Phenol-d6                   | 1.544 | 1.644 | -6.5  | 77    | 0.00     |
| 8    | 2-Chlorophenol              | 1.236 | 1.320 | -6.8  | 77    | 0.00     |
| 9    | Benzaldehyde                | 0.916 | 0.968 | -5.7  | 78    | 0.00     |
| 10 C | Phenol                      | 1.542 | 1.645 | -6.7  | 77    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.217 | 1.289 | -5.9  | 77    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.405 | 1.485 | -5.7  | 77    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.420 | 1.487 | -4.7  | 75    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.375 | 1.450 | -5.5  | 76    | 0.00     |
| 15   | Benzyl Alcohol              | 1.154 | 1.332 | -15.4 | 82    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.278 | 1.347 | -5.4  | 76    | -0.01    |
| 17   | 2-Methylphenol              | 1.092 | 1.190 | -9.0  | 78    | 0.00     |
| 18   | Hexachloroethane            | 0.528 | 0.577 | -9.3  | 79    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.991 | 1.197 | -20.8 | 81    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.463 | 1.611 | -10.1 | 78    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 80    | 0.00     |
| 22   | Acetophenone                | 0.551 | 0.569 | -3.3  | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.461 | 0.483 | -4.8  | 82    | 0.00     |
| 24   | Nitrobenzene                | 0.466 | 0.494 | -6.0  | 83    | 0.00     |
| 25   | Isophorone                  | 0.760 | 0.801 | -5.4  | 81    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.185 | 0.194 | -4.9  | 80    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.308 | 0.320 | -3.9  | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.445 | 0.470 | -5.6  | 81    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.361 | 0.386 | -6.9  | 82    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.413 | 0.442 | -7.0  | 83    | 0.00     |
| 31   | Naphthalene                 | 1.087 | 1.116 | -2.7  | 80    | 0.00     |
| 32   | Benzoic acid                | 0.219 | 0.226 | -3.2  | 80    | 0.00     |
| 33   | 4-Chloroaniline             | 0.453 | 0.486 | -7.3  | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.272 | 0.301 | -10.7 | 86    | 0.00     |
| 35   | Caprolactam                 | 0.088 | 0.099 | -12.5 | 86    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.328 | 0.368 | -12.2 | 86    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.781 | 0.841 | -7.7  | 83    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.736 | 0.789 | -7.2  | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.752 | 0.771 | -2.5  | 88    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.413 | 0.435 | -5.3  | 88    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.288 | 0.333 | -15.6 | 100   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.482 | 0.497 | -3.1  | 87    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.564 | 0.584 | -3.5  | 88    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.624 | 1.653 | -1.8  | 88    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.602 | 1.588 | 0.9   | 86    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.250 | 1.252 | -0.2  | 86    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012423\  
 Data File : BM038520.D  
 Acq On : 24 Jan 2023 10:25  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 25 03:13:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 21 01:21:49 2023  
 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             | 0.367 | 0.389 | -6.0  | 88    | 0.00     |
| 49   | Acenaphthylene             | 1.956 | 1.998 | -2.1  | 88    | 0.00     |
| 50   | Dimethylphthalate          | 1.540 | 1.585 | -2.9  | 89    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.335 | -3.4  | 87    | 0.00     |
| 52 C | Acenaphthene               | 1.193 | 1.215 | -1.8  | 88    | 0.00     |
| 53   | 3-Nitroaniline             | 0.322 | 0.342 | -6.2  | 89    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.224 | 0.238 | -6.2  | 92    | 0.00     |
| 55   | Dibenzofuran               | 1.995 | 2.087 | -4.6  | 91    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.265 | 0.282 | -6.4  | 93    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.439 | 0.478 | -8.9  | 92    | 0.00     |
| 58   | Fluorene                   | 1.617 | 1.742 | -7.7  | 92    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.461 | 0.501 | -8.7  | 92    | 0.00     |
| 60   | Diethylphthalate           | 1.508 | 1.628 | -8.0  | 94    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.849 | 0.930 | -9.5  | 95    | 0.00     |
| 62   | 4-Nitroaniline             | 0.331 | 0.373 | -12.7 | 95    | 0.00     |
| 63   | Azobenzene                 | 1.597 | 1.714 | -7.3  | 92    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.130 | 0.138 | -6.2  | 97    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.600 | 0.606 | -1.0  | 94    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.222 | 0.233 | -5.0  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 0.239 | 0.257 | -7.5  | 103   | 0.00     |
| 69   | Atrazine                   | 0.200 | 0.215 | -7.5  | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 0.170 | 0.190 | -11.8 | 102   | 0.00     |
| 71   | Phenanthrene               | 1.117 | 1.155 | -3.4  | 98    | 0.00     |
| 72   | Anthracene                 | 1.136 | 1.192 | -4.9  | 98    | 0.00     |
| 73   | Carbazole                  | 1.001 | 1.077 | -7.6  | 101   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.100 | 1.162 | -5.6  | 98    | 0.00     |
| 75 C | Fluoranthene               | 1.342 | 1.470 | -9.5  | 104   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 115   | 0.00     |
| 77   | Benzydine                  | 0.456 | 0.487 | -6.8  | 111   | 0.00     |
| 78   | Pyrene                     | 1.393 | 1.372 | 1.5   | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 1.026 | 0.996 | 2.9   | 105   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.482 | 0.481 | 0.2   | 106   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.417 | 1.446 | -2.0  | 112   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.455 | 0.484 | -6.4  | 115   | 0.00     |
| 83   | Chrysene                   | 1.386 | 1.431 | -3.2  | 113   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.698 | 0.721 | -3.3  | 109   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.241 | 1.277 | -2.9  | 111   | -0.01    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 118   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.480 | 1.548 | -4.6  | 118   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 1.206 | 1.292 | -7.1  | 119   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.276 | -2.2  | 113   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.196 | 1.256 | -5.0  | 116   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.232 | 1.290 | -4.7  | 118   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.262 | 1.293 | -2.5  | 117   | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012423\  
Data File : BM038520.D  
Acq On : 24 Jan 2023 10:25  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC040

Quant Time: Jan 25 03:13:00 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jan 21 01:21:49 2023  
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) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

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