

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE102924\  
 Data File : BE101400.D  
 Acq On : 29 Oct 2024 10:43  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 29 11:28:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 29 01:26:30 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   | 105   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.426 | 0.426 | 0.0   | 107   | 0.00     |
| 3    | Pyridine                    | 1.204 | 1.218 | -1.2  | 107   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.466 | 0.478 | -2.6  | 105   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.141 | 1.145 | -0.4  | 105   | 0.00     |
| 6    | Aniline                     | 1.213 | 1.378 | -13.6 | 108   | 0.00     |
| 7 S  | Phenol-d6                   | 1.582 | 1.640 | -3.7  | 106   | 0.00     |
| 8    | 2-Chlorophenol              | 1.369 | 1.392 | -1.7  | 105   | 0.00     |
| 9    | Benzaldehyde                | 0.764 | 0.819 | -7.2  | 107   | 0.00     |
| 10 C | Phenol                      | 1.717 | 1.829 | -6.5  | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.408 | 1.408 | 0.0   | 100   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.476 | 1.459 | 1.2   | 103   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.507 | 1.491 | 1.1   | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.475 | 1.477 | -0.1  | 104   | 0.00     |
| 15   | Benzyl Alcohol              | 0.943 | 0.975 | -3.4  | 97    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.772 | 1.736 | 2.0   | 102   | 0.00     |
| 17   | 2-Methylphenol              | 1.162 | 1.205 | -3.7  | 104   | 0.00     |
| 18   | Hexachloroethane            | 0.492 | 0.497 | -1.0  | 105   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.050 | 1.146 | -9.1  | 105   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.604 | 1.679 | -4.7  | 105   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 22   | Acetophenone                | 0.454 | 0.458 | -0.9  | 102   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.318 | 0.328 | -3.1  | 105   | 0.00     |
| 24   | Nitrobenzene                | 0.339 | 0.345 | -1.8  | 104   | 0.00     |
| 25   | Isophorone                  | 0.621 | 0.647 | -4.2  | 104   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.164 | 0.176 | -7.3  | 105   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.206 | 0.210 | -1.9  | 104   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.377 | 0.384 | -1.9  | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.285 | 0.297 | -4.2  | 107   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.311 | 0.307 | 1.3   | 105   | 0.00     |
| 31   | Naphthalene                 | 1.019 | 1.020 | -0.1  | 105   | 0.00     |
| 32   | Benzoic acid                | 0.182 | 0.206 | -13.2 | 113   | 0.01     |
| 33   | 4-Chloroaniline             | 0.354 | 0.395 | -11.6 | 107   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.184 | 0.183 | 0.5   | 104   | 0.00     |
| 35   | Caprolactam                 | 0.109 | 0.120 | -10.1 | 108   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.325 | 0.346 | -6.5  | 109   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.734 | 0.748 | -1.9  | 106   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.733 | 0.741 | -1.1  | 106   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.502 | 0.498 | 0.8   | 106   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.166 | 0.158 | 4.8   | 98    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.351 | 0.371 | -5.7  | 111   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.346 | 0.364 | -5.2  | 108   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.396 | 0.412 | -4.0  | 109   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.181 | 1.180 | 0.1   | 105   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.370 | 1.367 | 0.2   | 106   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.083 | 1.085 | -0.2  | 108   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE102924\  
 Data File : BE101400.D  
 Acq On : 29 Oct 2024 10:43  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 29 11:28:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 29 01:26:30 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) |
|------|----------------------------|-------|-------|---------|-------|----------|
| 48   | 2-Nitroaniline             | 0.291 | 0.320 | -10.0   | 110   | 0.00     |
| 49   | Acenaphthylene             | 1.601 | 1.648 | -2.9    | 108   | 0.00     |
| 50   | Dimethylphthalate          | 1.412 | 1.436 | -1.7    | 108   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.326 | 0.340 | -4.3    | 108   | 0.00     |
| 52 C | Acenaphthene               | 1.045 | 1.059 | -1.3    | 108   | 0.00     |
| 53   | 3-Nitroaniline             | 0.324 | 0.367 | -13.3   | 113   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.198 | 0.212 | -7.1    | 112   | 0.00     |
| 55   | Dibenzofuran               | 1.666 | 1.673 | -0.4    | 108   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.297 | 0.326 | -9.8    | 115   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.449 | 0.491 | -9.4    | 112   | 0.00     |
| 58   | Fluorene                   | 1.394 | 1.435 | -2.9    | 108   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.366 | 0.390 | -6.6    | 112   | 0.00     |
| 60   | Diethylphthalate           | 1.477 | 1.518 | -2.8    | 108   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.692 | 0.699 | -1.0    | 108   | 0.00     |
| 62   | 4-Nitroaniline             | 0.361 | 0.400 | -10.8   | 112   | 0.00     |
| 63   | Azobenzene                 | 1.269 | 1.302 | -2.6    | 108   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 111   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.118 | 0.125 | -5.9    | 113   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.530 | 0.535 | -0.9    | 108   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.210 | 0.213 | -1.4    | 110   | 0.00     |
| 68   | Hexachlorobenzene          | 0.276 | 0.278 | -0.7    | 109   | 0.00     |
| 69   | Atrazine                   | 0.163 | 0.175 | -7.4    | 106   | 0.00     |
| 70 C | Pentachlorophenol          | 0.159 | 0.181 | -13.8   | 116   | 0.00     |
| 71   | Phenanthrene               | 0.958 | 0.970 | -1.3    | 109   | 0.00     |
| 72   | Anthracene                 | 0.935 | 0.962 | -2.9    | 109   | 0.00     |
| 73   | Carbazole                  | 0.957 | 0.989 | -3.3    | 111   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.053 | 1.109 | -5.3    | 108   | 0.00     |
| 75 C | Fluoranthene               | 1.163 | 1.196 | -2.8    | 111   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 112   | 0.00     |
| 77   | Benzidine                  | 0.254 | 0.518 | -103.9# | 167#  | 0.00     |
| 78   | Pyrene                     | 1.100 | 1.153 | -4.8    | 110   | 0.00     |
| 79 S | Terphenyl-d14              | 0.869 | 0.802 | 7.7     | 107   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.482 | 0.513 | -6.4    | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.124 | 1.156 | -2.8    | 110   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.440 | 0.487 | -10.7   | 113   | 0.00     |
| 83   | Chrysene                   | 1.087 | 1.098 | -1.0    | 111   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.641 | 0.695 | -8.4    | 111   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.051 | 1.133 | -7.8    | 111   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0     | 117   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.338 | 1.371 | -2.5    | 115   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.042 | 1.066 | -2.3    | 112   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 0.974 | 0.959 | 1.5     | 111   | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.912 | 0.933 | -2.3    | 113   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.106 | 1.141 | -3.2    | 114   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.140 | 1.165 | -2.2    | 116   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE102924\  
Data File : BE101400.D  
Acq On : 29 Oct 2024 10:43  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 29 11:28:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 29 01:26:30 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) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

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