

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
 Data File : BP008599.D  
 Acq On : 29 Dec 2021 18:53  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 30 00:44:18 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 13:29:13 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   | 133   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.443 | 0.304 | 31.4# | 93    | 0.00     |
| 3    | Pyridine                    | 1.207 | 0.806 | 33.2# | 86    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.390 | 0.250 | 35.9# | 85    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.096 | 0.780 | 28.8# | 93    | 0.00     |
| 6    | Aniline                     | 1.773 | 1.055 | 40.5# | 77    | 0.00     |
| 7 S  | Phenol-d6                   | 1.525 | 0.939 | 38.4# | 79    | 0.00     |
| 8    | 2-Chlorophenol              | 1.291 | 0.830 | 35.7# | 84    | 0.00     |
| 9    | Benzaldehyde                | 0.868 | 0.579 | 33.3# | 85    | 0.00     |
| 10 C | Phenol                      | 1.540 | 0.952 | 38.2# | 80    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.242 | 0.733 | 41.0# | 77    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.511 | 0.946 | 37.4# | 83    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.537 | 0.962 | 37.4# | 83    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.501 | 0.919 | 38.8# | 81    | 0.00     |
| 15   | Benzyl Alcohol              | 1.092 | 0.626 | 42.7# | 73    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.413 | 0.788 | 44.2# | 73    | 0.00     |
| 17   | 2-Methylphenol              | 1.071 | 0.626 | 41.5# | 75    | 0.00     |
| 18   | Hexachloroethane            | 0.501 | 0.309 | 38.3# | 80    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.974 | 0.513 | 47.3# | 68    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.505 | 0.872 | 42.1# | 74    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 117   | 0.00     |
| 22   | Acetophenone                | 0.480 | 0.297 | 38.1# | 71    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.336 | 0.214 | 36.3# | 72    | 0.00     |
| 24   | Nitrobenzene                | 0.320 | 0.203 | 36.6# | 73    | 0.00     |
| 25   | Isophorone                  | 0.628 | 0.359 | 42.8# | 64    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.152 | 0.105 | 30.9# | 75    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.274 | 0.170 | 38.0# | 70    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.435 | 0.254 | 41.6# | 67    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.332 | 0.216 | 34.9# | 73    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.392 | 0.247 | 37.0# | 73    | 0.00     |
| 31   | Naphthalene                 | 1.038 | 0.643 | 38.1# | 72    | 0.00     |
| 32   | Benzoic acid                | 0.173 | 0.170 | 1.7   | 108   | -0.15    |
| 33   | 4-Chloroaniline             | 0.445 | 0.262 | 41.1# | 67    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.238 | 0.151 | 36.6# | 73    | 0.00     |
| 35   | Caprolactam                 | 0.109 | 0.056 | 48.6# | 56    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 0.332 | 0.190 | 42.8# | 64    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.781 | 0.453 | 42.0# | 66    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.764 | 0.435 | 43.1# | 65    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.630 | 0.425 | 32.5# | 66    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.335 | 0.201 | 40.0# | 57    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.271 | 0.158 | 41.7# | 58    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.410 | 0.280 | 31.7# | 65    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.453 | 0.306 | 32.5# | 64    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.380 | 0.925 | 33.0# | 66    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.479 | 0.952 | 35.6# | 64    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.159 | 0.752 | 35.1# | 64    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
 Data File : BP008599.D  
 Acq On : 29 Dec 2021 18:53  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 30 00:44:18 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 13:29:13 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             | 0.254 | 0.156  | 38.6# | 57    | 0.00     |
| 49   | Acenaphthylene             | 1.781 | 1.118  | 37.2# | 62    | 0.00     |
| 50   | Dimethylphthalate          | 1.540 | 0.882  | 42.7# | 57    | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 0.316 | 0.185  | 41.5# | 56    | 0.00     |
| 52 C | Acenaphthene               | 1.165 | 0.673  | 42.2# | 57    | 0.00     |
| 53   | 3-Nitroaniline             | 0.329 | 0.190  | 42.2# | 55    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.141 | 0.004# | 97.2# | 2#    | 0.00     |
| 55   | Dibenzofuran               | 1.868 | 1.126  | 39.7# | 60    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.259 | 0.134  | 48.3# | 48#   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.422 | 0.229  | 45.7# | 51    | -0.01    |
| 58   | Fluorene                   | 1.456 | 0.860  | 40.9# | 59    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.406 | 0.238  | 41.4# | 56    | 0.00     |
| 60   | Diethylphthalate           | 1.506 | 0.823  | 45.4# | 54    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.811 | 0.474  | 41.6# | 58    | 0.00     |
| 62   | 4-Nitroaniline             | 0.334 | 0.186  | 44.3# | 53    | -0.01    |
| 63   | Azobenzene                 | 1.215 | 0.693  | 43.0# | 56    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000  | 0.0   | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.013  | 87.1# | 10#   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.604 | 0.390  | 35.4# | 56    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.219 | 0.135  | 38.4# | 58    | 0.00     |
| 68   | Hexachlorobenzene          | 0.269 | 0.167  | 37.9# | 55    | 0.00     |
| 69   | Atrazine                   | 0.226 | 0.135  | 40.3# | 51    | 0.00     |
| 70 C | Pentachlorophenol          | 0.146 | 0.108  | 26.0# | 60    | 0.00     |
| 71   | Phenanthrene               | 1.078 | 0.674  | 37.5# | 54    | 0.00     |
| 72   | Anthracene                 | 1.051 | 0.662  | 37.0# | 54    | 0.00     |
| 73   | Carbazole                  | 1.031 | 0.631  | 38.8# | 53    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.128 | 0.698  | 38.1# | 50    | 0.00     |
| 75 C | Fluoranthene               | 1.240 | 0.760  | 38.7# | 51    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000  | 0.0   | 88    | -0.01    |
| 77   | Benzydine                  | 0.601 | 0.420  | 30.1# | 57    | 0.00     |
| 78   | Pyrene                     | 1.301 | 0.794  | 39.0# | 52    | 0.00     |
| 79 S | Terphenyl-d14              | 0.980 | 0.650  | 33.7# | 64    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.519 | 0.310  | 40.3# | 49#   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.297 | 0.814  | 37.2# | 54    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.477 | 0.315  | 34.0# | 54    | 0.00     |
| 83   | Chrysene                   | 1.213 | 0.773  | 36.3# | 55    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.784 | 0.490  | 37.5# | 52    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.213 | 0.819  | 32.5# | 53    | -0.01    |
| 86 I | Perylene-d12               | 1.000 | 1.000  | 0.0   | 108   | -0.01    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.343 | 0.927  | 31.0# | 77    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.286 | 0.730  | 43.2# | 58    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 1.279 | 0.729  | 43.0# | 60    | -0.01    |
| 90 C | Benzo(a)pyrene             | 1.037 | 0.619  | 40.3# | 62    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 1.133 | 0.775  | 31.6# | 75    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.060 | 0.745  | 29.7# | 80    | -0.02    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
Data File : BP008599.D  
Acq On : 29 Dec 2021 18:53  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC040

Quant Time: Dec 30 00:44:18 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 29 13:29:13 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) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

SPCC's out = 1 CCC's out = 13