

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011425\  
 Data File : BF141136.D  
 Acq On : 14 Jan 2025 11:00  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 14 11:29:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 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                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.668 | 3.3  | 86    | -0.01    |
| 3    | Pyridine                    | 40.000 | 37.793 | 5.5  | 85    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.085 | 4.8  | 84    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.392 | 4.5  | 86    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.998 | 2.5  | 86    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 75.959 | 5.1  | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.551 | 3.6  | 86    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.391 | 11.5 | 87    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.092 | 4.8  | 85    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.250 | 6.9  | 84    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.644 | 3.4  | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.472 | 3.8  | 87    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.444 | 3.9  | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.367 | 6.6  | 83    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.273 | 9.3  | 81    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.273 | 4.3  | 85    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.879 | 2.8  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.017 | 7.5  | 85    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.271 | 4.3  | 85    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.209 | 4.5  | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.042 | 3.7  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.322 | 4.2  | 86    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.440 | 3.9  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.681 | 0.8  | 86    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.581 | 3.5  | 85    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.534 | 6.2  | 85    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.001 | 2.5  | 87    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.604 | 3.5  | 87    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.340 | 4.1  | 87    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.698 | 3.3  | 81    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.281 | 4.3  | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.940 | 0.2  | 90    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.575 | 6.1  | 84    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.022 | 2.4  | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.469 | 3.8  | 87    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.716 | 5.7  | 86    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.685 | 0.8  | 89    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.212 | -8.0 | 88    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 80.518 | -0.6 | 91    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.646 | 0.9  | 87    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.145 | 2.1  | 86    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.793 | 2.8  | 90    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.718 | 3.2  | 87    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.720 | 3.2  | 87    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011425\  
 Data File : BF141136.D  
 Acq On : 14 Jan 2025 11:00  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 14 11:29:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 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                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 39.158 | 2.1   | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.895 | 2.8   | 88    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.831 | 2.9   | 87    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.842 | 0.4   | 86    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.143 | 2.1   | 88    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.739 | 3.2   | 84    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.576 | 1.1   | 82    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.771 | 3.1   | 87    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.595 | 3.5   | 83    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.194 | -3.0  | 91    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.726 | 3.2   | 89    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.572 | -1.4  | 90    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.360 | 1.6   | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.941 | 2.6   | 88    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 38.673 | 3.3   | 86    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.070 | 4.8   | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.012 | -7.5  | 86    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.653 | 0.9   | 87    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.781 | -2.0  | 90    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.245 | -3.1  | 91    | 0.00     |
| 69   | Atrazine                   | 40.000 | 34.002 | 15.0  | 93    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.641 | -4.1  | 88    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.168 | 2.1   | 88    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.447 | 1.4   | 88    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.494 | 3.8   | 87    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.012 | -0.0  | 90    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.570 | 3.6   | 89    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 86    | 0.00     |
| 77   | Benzydine                  | 40.000 | 47.588 | -19.0 | 93    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.905 | 0.2   | 89    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.503 | -0.6  | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.632 | -1.6  | 91    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.600 | 6.0   | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 37.779 | 5.6   | 84    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.012 | 7.5   | 84    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.419 | -1.0  | 92    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.823 | 5.4   | 82    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.541 | -3.9  | 86    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.114 | 9.7   | 80    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.265 | -3.2  | 89    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.546 | 1.1   | 84    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.498 | -3.7  | 85    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.037 | -5.1  | 85    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011425\  
Data File : BF141136.D  
Acq On : 14 Jan 2025 11:00  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Jan 14 11:29:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 10 22:54:19 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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