

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062821\  
 Data File : BF124468.D  
 Acq On : 28 Jun 2021 14:32  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 28 16:01:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 16:01:42 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                    | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|--------|--------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0    | 89    | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 40.404 | -1.0   | 88    | -0.04    |
| 3    | Pyridine                    | 40.000 | 43.646 | -9.1   | 89    | -0.05    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.561 | -1.4   | 89    | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.003 | -7.5   | 92    | -0.02    |
| 6    | Aniline                     | 40.000 | 40.047 | -0.1   | 88    | -0.02    |
| 7 S  | Phenol-d6                   | 80.000 | 84.782 | -6.0   | 91    | -0.02    |
| 8    | 2-Chlorophenol              | 40.000 | 43.031 | -7.6   | 95    | -0.02    |
| 9    | Benzaldehyde                | 40.000 | 45.916 | -14.8  | 95    | -0.01    |
| 10 C | Phenol                      | 40.000 | 41.452 | -3.6   | 95    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.944 | -2.4   | 92    | -0.02    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.846 | -4.6   | 93    | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.844 | -4.6   | 94    | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.539 | -6.3   | 95    | -0.01    |
| 15   | Benzyl Alcohol              | 40.000 | 38.991 | 2.5    | 88    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.530 | -1.3   | 90    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 41.893 | -4.7   | 94    | -0.01    |
| 18   | Hexachloroethane            | 40.000 | 42.222 | -5.6   | 93    | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.667 | -6.7   | 97    | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 41.926 | -4.8   | 91    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 100   | -0.01    |
| 22   | Acetophenone                | 40.000 | 37.843 | 5.4    | 91    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.160 | 3.6    | 94    | -0.02    |
| 24   | Nitrobenzene                | 40.000 | 37.146 | 7.1    | 97    | -0.02    |
| 25   | Isophorone                  | 40.000 | 37.219 | 7.0    | 95    | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 37.218 | 7.0    | 94    | -0.01    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.959 | 2.6    | 97    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.880 | 5.3    | 94    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.125 | 7.2    | 94    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.043 | 7.4    | 91    | -0.01    |
| 31   | Naphthalene                 | 40.000 | 37.260 | 6.9    | 94    | -0.01    |
| 32   | Benzoic acid                | 40.000 | 39.365 | 1.6    | 103   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.385 | 4.0    | 94    | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.152 | 4.6    | 100   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 37.765 | 5.6    | 91    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.954 | 5.1    | 97    | -0.01    |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.608 | 6.0    | 94    | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.371 | 4.1    | 97    | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 106   | -0.01    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.990 | 7.5    | 94    | -0.01    |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 50.404 | -26.0# | 227   | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.101 | -1.4   | 106   | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 35.589 | 11.0   | 94    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 34.706 | 13.2   | 90    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.111 | 4.9    | 98    | -0.02    |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.582 | 6.0    | 96    | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.178 | 7.1    | 100   | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062821\  
 Data File : BF124468.D  
 Acq On : 28 Jun 2021 14:32  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 28 16:01:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 16:01:42 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                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 36.269 | 9.3    | 91    | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 36.819 | 8.0    | 98    | -0.01    |
| 50   | Dimethylphthalate          | 40.000 | 38.495 | 3.8    | 102   | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 37.445 | 6.4    | 99    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 37.263 | 6.8    | 99    | -0.01    |
| 53   | 3-Nitroaniline             | 40.000 | 40.264 | -0.7   | 106   | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.621 | 0.9    | 102   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.246 | 4.4    | 102   | -0.02    |
| 56 P | 4-Nitrophenol              | 40.000 | 35.546 | 11.1   | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.763 | 0.6    | 105   | -0.01    |
| 58   | Fluorene                   | 40.000 | 38.388 | 4.0    | 103   | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.551 | 3.6    | 100   | -0.01    |
| 60   | Diethylphthalate           | 40.000 | 39.152 | 2.1    | 108   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.387 | 1.5    | 106   | -0.01    |
| 62   | 4-Nitroaniline             | 40.000 | 40.441 | -1.1   | 109   | -0.01    |
| 63   | Azobenzene                 | 40.000 | 38.142 | 4.6    | 103   | -0.01    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 106   | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.838 | 2.9    | 102   | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.934 | 5.2    | 103   | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.783 | 3.0    | 107   | -0.01    |
| 68   | Hexachlorobenzene          | 40.000 | 36.626 | 8.4    | 103   | -0.01    |
| 69   | Atrazine                   | 40.000 | 45.102 | -12.8  | 113   | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 40.907 | -2.3   | 114   | -0.01    |
| 71   | Phenanthrene               | 40.000 | 39.728 | 0.7    | 110   | -0.01    |
| 72   | Anthracene                 | 40.000 | 39.237 | 1.9    | 107   | -0.01    |
| 73   | Carbazole                  | 40.000 | 39.703 | 0.7    | 111   | -0.01    |
| 74   | Di-n-butylphthalate        | 40.000 | 42.290 | -5.7   | 119   | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 41.091 | -2.7   | 117   | -0.01    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 128   | 0.00     |
| 77   | Benzydine                  | 40.000 | 53.565 | -33.9# | 174   | -0.01    |
| 78   | Pyrene                     | 40.000 | 37.631 | 5.9    | 129   | -0.01    |
| 79 S | Terphenyl-d14              | 80.000 | 78.319 | 2.1    | 129   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.241 | -0.6   | 140   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.136 | 2.2    | 132   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 36.430 | 8.9    | 127   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.896 | 2.8    | 132   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.812 | -2.0   | 139   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.769 | -6.9   | 145   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.090 | 9.8    | 97    | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.897 | -2.2   | 117   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.264 | -5.7   | 124   | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.109 | -0.3   | 118   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 35.864 | 10.3   | 97    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 34.595 | 13.5   | 93    | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062821\  
Data File : BF124468.D  
Acq On : 28 Jun 2021 14:32  
Operator : JU/CG  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Jun 28 16:01:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 28 16:01:42 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0