

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031822\  
 Data File : BM034276.D  
 Acq On : 18 Mar 2022 09:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 18 18:01:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 02:38:26 2022  
 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  | 103   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.903 | 5.2  | 101   | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.226 | 1.9  | 104   | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.228 | 4.4  | 103   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.341 | 2.1  | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 40.371 | -0.9 | 106   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.099 | -0.1 | 104   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.209 | 2.0  | 105   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.011 | 7.5  | 102   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.862 | 0.3  | 105   | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.508 | 3.7  | 103   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.410 | 4.0  | 103   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.289 | 4.3  | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.603 | 3.5  | 104   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.213 | -3.0 | 106   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.938 | 2.7  | 106   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 40.096 | -0.2 | 106   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.883 | 2.8  | 104   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.955 | 0.1  | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.836 | -2.1 | 107   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 108   | -0.01    |
| 22   | Acetophenone                | 40.000 | 38.154 | 4.6  | 106   | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.090 | 2.4  | 107   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.726 | 3.2  | 107   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.374 | 1.6  | 107   | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 40.202 | -0.5 | 106   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.462 | 1.3  | 108   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.430 | 1.4  | 107   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.868 | 0.3  | 108   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.031 | 4.9  | 106   | -0.01    |
| 31   | Naphthalene                 | 40.000 | 38.731 | 3.2  | 109   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.712 | 0.7  | 107   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.656 | -1.6 | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.733 | 5.7  | 106   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 42.560 | -6.4 | 116   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.245 | -3.1 | 112   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.654 | 0.9  | 111   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.574 | 1.1  | 111   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 114   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.368 | 6.6  | 109   | -0.01    |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.216 | 4.5  | 108   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.327 | -1.7 | 118   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.035 | 2.4  | 111   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.316 | 1.7  | 111   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.310 | 4.6  | 111   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.068 | 4.8  | 112   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.343 | 4.1  | 112   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031822\  
 Data File : BM034276.D  
 Acq On : 18 Mar 2022 09:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 18 18:01:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 02:38:26 2022  
 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 | 41.633 | -4.1  | 116   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.270 | 1.8   | 113   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.002 | 2.5   | 113   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.795 | -2.0  | 116   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.588 | 1.0   | 115   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.628 | -6.6  | 118   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.450 | -6.1  | 115   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.222 | 1.9   | 115   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.116 | -5.3  | 119   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.642 | -4.1  | 118   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.755 | 0.6   | 116   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.996 | 0.0   | 114   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.779 | 0.6   | 115   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.398 | 1.5   | 116   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.857 | -12.1 | 122   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.280 | -0.7  | 116   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 121   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.646 | -1.6  | 119   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.239 | 4.4   | 117   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.164 | 4.6   | 118   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.874 | 5.3   | 118   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.133 | -0.3  | 118   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.024 | -0.1  | 119   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.834 | 2.9   | 121   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.521 | 1.2   | 121   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.496 | -1.2  | 124   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.476 | -1.2  | 122   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.749 | -1.9  | 127   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 148   | 0.00     |
| 77   | Benzydine                  | 40.000 | 41.884 | -4.7  | 146   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.431 | 8.9   | 130   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 72.694 | 9.1   | 128   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.049 | 2.4   | 139   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.174 | 2.1   | 149   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.831 | 0.4   | 151   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.270 | 4.3   | 147   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.974 | 0.1   | 146   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.810 | -4.5  | 161   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 169   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.497 | 8.8   | 159   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.568 | 1.1   | 169   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.131 | 2.2   | 163   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.126 | 2.2   | 168   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.795 | 8.0   | 163   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 35.338 | 11.7  | 155   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031822\  
Data File : BM034276.D  
Acq On : 18 Mar 2022 09:30  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC040

Quant Time: Mar 18 18:01:13 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 16 02:38:26 2022  
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