

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020322\  
 Data File : BP009021.D  
 Acq On : 03 Feb 2022 10:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 03 13:29:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 03 06:20:22 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   | 95    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 28.498 | 28.8# | 80    | 0.00     |
| 3    | Pyridine                    | 40.000 | 33.132 | 17.2  | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 33.630 | 15.9  | 89    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.245 | 2.2   | 105   | 0.00     |
| 6    | Aniline                     | 40.000 | 41.136 | -2.8  | 108   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 81.568 | -2.0  | 106   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.841 | -2.1  | 108   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.777 | 5.6   | 100   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.754 | -1.9  | 107   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.830 | -2.1  | 108   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.020 | 2.4   | 104   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.744 | 3.1   | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.566 | 1.1   | 106   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.178 | -5.4  | 109   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.638 | -4.1  | 109   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.235 | -3.1  | 107   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.955 | 0.1   | 106   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.316 | -5.8  | 108   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.212 | -5.5  | 108   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 95    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.109 | -0.3  | 106   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.783 | -3.5  | 109   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.452 | -3.6  | 109   | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.763 | -6.9  | 111   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.283 | -8.2  | 111   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.297 | -3.2  | 107   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.543 | -3.9  | 109   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.806 | -2.0  | 107   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.427 | 1.4   | 106   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.716 | 0.7   | 107   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 44.025 | -10.1 | 107   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.468 | -3.7  | 108   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.329 | 1.7   | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 45.067 | -12.7 | 116   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.820 | -7.1  | 111   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.231 | -0.6  | 106   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.190 | -0.5  | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.245 | 4.4   | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.220 | 7.0   | 93    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.606 | -4.5  | 113   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.671 | -1.7  | 108   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.169 | -2.9  | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 73.722 | 7.8   | 101   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.729 | 3.2   | 106   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.809 | 3.0   | 106   | 0.00     |

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 44.330 | -10.8 | 117   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.136 | -0.3  | 109   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.552 | -1.4  | 111   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.839 | -7.1  | 114   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.025 | -0.1  | 109   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.531 | -8.8  | 116   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.249 | 1.9   | 101   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.079 | 2.3   | 106   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.714 | 3.2   | 101   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.382 | -11.0 | 116   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.442 | 1.4   | 107   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.077 | -5.2  | 112   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.045 | -2.6  | 111   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.516 | 1.2   | 106   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.984 | -7.5  | 114   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 43.216 | -8.0  | 114   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.724 | -6.8  | 113   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.164 | -0.4  | 112   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.861 | 0.3   | 110   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.738 | 0.7   | 112   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.145 | -5.4  | 117   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.312 | -0.8  | 111   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.795 | 3.0   | 110   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.546 | -1.4  | 113   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.749 | -1.9  | 116   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.571 | -1.4  | 112   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.921 | 2.7   | 113   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.998 | -10.0 | 100   | 0.00     |
| 78   | Pyrene                     | 40.000 | 46.984 | -17.5 | 115   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 88.088 | -10.1 | 108   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.571 | -13.9 | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.680 | -4.2  | 106   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.959 | 2.6   | 98    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.851 | 0.4   | 101   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.301 | -3.3  | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.959 | 5.1   | 102   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 80    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.727 | 0.7   | 89    | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 43.747 | -9.4  | 99    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.229 | -5.6  | 98    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.156 | -5.4  | 95    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.684 | 0.8   | 89    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.880 | 0.3   | 89    | -0.01    |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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