

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031022\  
 Data File : BP009339.D  
 Acq On : 10 Mar 2022 11:19  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 11 04:59:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 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   | 100   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 33.884 | 15.3  | 94    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.496 | 11.3  | 95    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.999 | 7.5   | 97    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 73.083 | 8.6   | 100   | 0.00     |
| 6    | Aniline                     | 40.000 | 36.320 | 9.2   | 99    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.685 | 9.1   | 99    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.987 | 5.0   | 102   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.131 | 9.7   | 97    | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.131 | 9.7   | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.649 | 8.4   | 98    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.149 | 9.6   | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.385 | 9.0   | 101   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.297 | 9.3   | 100   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.018 | 5.0   | 102   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 33.183 | 17.0  | 91    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.016 | 7.5   | 100   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.494 | 6.3   | 103   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.208 | 4.5   | 102   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.422 | 6.4   | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.402 | 6.5   | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.408 | 0.7   | 103   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.321 | 4.2   | 101   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.056 | 2.4   | 103   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.639 | -19.1 | 120   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.124 | 9.7   | 97    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.662 | 5.8   | 101   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.235 | 1.9   | 102   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.977 | 5.1   | 104   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.647 | 8.4   | 99    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 48.205 | -20.5 | 123   | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 37.671 | 5.8   | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.391 | -1.0  | 111   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 43.268 | -8.2  | 109   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.665 | 3.3   | 102   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.195 | 7.0   | 100   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.898 | 7.8   | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.350 | 1.6   | 108   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.417 | 4.0   | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 96.392 | -20.5 | 127   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.278 | -3.2  | 108   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.917 | -2.3  | 108   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.181 | 6.0   | 104   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.956 | 7.6   | 102   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.339 | 6.7   | 103   | 0.00     |

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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 | 44.426 | -11.1 | 112   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.134 | 4.7   | 103   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.871 | 2.8   | 106   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.891 | -7.2  | 110   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.080 | 4.8   | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.426 | -6.1  | 109   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 49.168 | -22.9 | 123   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.268 | 6.8   | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.744 | -4.4  | 105   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.301 | -13.3 | 113   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.608 | 6.0   | 104   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.130 | -5.3  | 113   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.055 | -0.1  | 108   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.114 | 2.2   | 109   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.993 | -12.5 | 114   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.673 | 5.8   | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 49.699 | -24.2 | 128   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.120 | 7.2   | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.984 | -5.0  | 118   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.945 | -2.4  | 116   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.964 | -4.9  | 113   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.628 | -6.6  | 113   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.567 | 8.6   | 104   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.309 | 6.7   | 104   | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.057 | 7.4   | 103   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.090 | -7.7  | 115   | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 38.154 | 4.6   | 105   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.361 | 6.6   | 93    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.344 | 6.6   | 105   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.007 | 2.5   | 111   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 46.627 | -16.6 | 122   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 36.846 | 7.9   | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.121 | -5.3  | 112   | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.158 | 7.1   | 106   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.642 | -9.1  | 115   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 46.992 | -17.5 | 122   | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 107   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.332 | 4.2   | 109   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.331 | 6.7   | 105   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.069 | 7.3   | 107   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.155 | 4.6   | 108   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.576 | 3.6   | 109   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.369 | 4.1   | 109   | 0.00     |

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