

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071321\  
 Data File : BP006196.D  
 Acq On : 13 Jul 2021 11:46  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 13 12:41:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 12 14:59:51 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   | 91    | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 38.527 | 3.7   | 90    | -0.02    |
| 3    | Pyridine                    | 40.000 | 40.581 | -1.5  | 91    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.333 | 1.7   | 92    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.789 | 0.3   | 91    | -0.01    |
| 6    | Aniline                     | 40.000 | 38.917 | 2.7   | 89    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.807 | 1.5   | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.672 | 0.8   | 90    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 37.774 | 5.6   | 86    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.585 | 1.0   | 90    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.327 | 1.7   | 89    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.253 | 1.9   | 90    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.236 | 1.9   | 89    | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.445 | 1.4   | 90    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.551 | 1.1   | 88    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.028 | 7.4   | 87    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 39.993 | 0.0   | 90    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.355 | 1.6   | 90    | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.707 | 3.2   | 89    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.394 | -1.0  | 91    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 88    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.455 | -1.1  | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.515 | -1.9  | 89    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 40.696 | -1.7  | 90    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.122 | -0.3  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.172 | -7.9  | 90    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.929 | -4.8  | 88    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.433 | -1.1  | 87    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.068 | -5.2  | 88    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.463 | -3.7  | 88    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.012 | -0.0  | 88    | -0.01    |
| 32   | Benzoic acid                | 40.000 | 42.331 | -5.8  | 98    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 41.422 | -3.6  | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.706 | -4.3  | 87    | -0.01    |
| 35   | Caprolactam                 | 40.000 | 41.990 | -5.0  | 89    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.326 | -0.8  | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.108 | -0.3  | 87    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.245 | -0.6  | 86    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 79    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 46.662 | -16.7 | 88    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.157 | 14.6  | 59    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.225 | -10.3 | 79    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 46.976 | -17.4 | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 46.803 | -17.0 | 88    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 90.021 | -12.5 | 88    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 43.432 | -8.6  | 85    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 43.559 | -8.9  | 85    | 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 | 42.784 | -7.0 | 83    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.374 | -0.9 | 79    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.477 | -1.2 | 79    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.165 | -2.9 | 79    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.835 | 0.4  | 79    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.418 | -6.0 | 80    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.487 | 1.3  | 82    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.493 | -1.2 | 79    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.396 | 6.5  | 77    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.312 | -5.8 | 79    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.378 | -0.9 | 79    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.633 | -6.6 | 79    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.081 | -0.2 | 79    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.953 | -2.4 | 78    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.822 | 0.4  | 80    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.816 | 0.5  | 79    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 78    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.669 | 0.8  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.504 | -1.3 | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.524 | -3.8 | 77    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.856 | -4.6 | 78    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.293 | -3.2 | 79    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.213 | -5.5 | 78    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.207 | -0.5 | 79    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.507 | -1.3 | 79    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.697 | -1.7 | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.395 | -1.0 | 79    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.444 | -1.1 | 78    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 80    | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.105 | 4.7  | 70    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.121 | 2.2  | 78    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.138 | -0.2 | 78    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.015 | 2.5  | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.669 | -1.7 | 81    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.408 | -6.0 | 82    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.601 | 1.0  | 79    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.940 | 2.7  | 80    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.875 | 0.3  | 82    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.201 | -5.5 | 90    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.775 | 0.6  | 83    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.384 | -1.0 | 89    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.181 | -0.5 | 87    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.378 | -5.9 | 90    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.815 | -4.5 | 90    | 0.00     |

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