

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042421\  
 Data File : BF123711.D  
 Acq On : 24 Apr 2021 11:04  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 26 06:06:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 26 05:40:49 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    | 106   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.131 | -5.3   | 116   | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.062 | -5.2   | 112   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.168 | 2.1    | 106   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.726 | 0.3    | 108   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.266 | 4.3    | 103   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.666 | 1.7    | 108   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.793 | 0.5    | 108   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 32.505 | 18.7   | 102   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.459 | 1.4    | 106   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.304 | 4.2    | 103   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.284 | 1.8    | 108   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.046 | 2.4    | 106   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.603 | 3.5    | 106   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.850 | 0.4    | 104   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.485 | 8.8    | 99    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.406 | 1.5    | 106   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.747 | 3.1    | 105   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.708 | 10.7   | 97    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.957 | 7.6    | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 103   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.037 | 4.9    | 99    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.590 | -0.7   | 103   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.887 | 0.3    | 102   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.478 | 3.8    | 100   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 48.368 | -20.9# | 115   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.839 | -2.1   | 105   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.033 | 2.4    | 102   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.738 | -1.8   | 104   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.587 | 1.0    | 102   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.359 | 1.6    | 103   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 43.485 | -8.7   | 107   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.686 | 0.8    | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.868 | 2.8    | 99    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.951 | -2.4   | 103   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.496 | 1.3    | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.292 | 4.3    | 100   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.294 | 4.3    | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 96    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.816 | -7.0   | 102   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.474 | 13.8   | 77    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.017 | -10.0  | 100   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 44.584 | -11.5  | 101   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.111 | -7.8   | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.733 | 0.3    | 96    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.682 | -4.2   | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.171 | -5.4   | 100   | 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 | 45.122 | -12.8  | 101   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 42.099 | -5.2   | 100   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.103 | -0.3   | 96    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.149 | -7.9   | 98    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.830 | -7.1   | 101   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.441 | -11.1  | 102   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 55.686 | -39.2# | 118   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.046 | -2.6   | 97    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.472 | -13.7  | 101   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.946 | -9.9   | 97    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.007 | -0.0   | 97    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.867 | -4.7   | 97    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.215 | 4.5    | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.941 | 0.1    | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.286 | -10.7  | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.061 | 2.3    | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 94    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 52.539 | -31.3# | 121   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.939 | 0.2    | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.443 | 1.4    | 95    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.991 | -2.5   | 96    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.600 | 3.5    | 90    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.282 | -5.7   | 90    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.769 | 0.6    | 96    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.622 | 0.9    | 96    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.799 | -2.0   | 98    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 35.937 | 10.2   | 84    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.932 | 0.2    | 96    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 97    | 0.00     |
| 77   | Benzydine                  | 40.000 | 45.443 | -13.6  | 90    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.941 | -2.4   | 97    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.914 | 5.1    | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.296 | 6.8    | 91    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.059 | 4.9    | 96    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.329 | 1.7    | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.757 | 3.1    | 98    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 33.382 | 16.5   | 81    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 33.683 | 15.8   | 82    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 46.420 | -16.1  | 119   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.654 | 3.4    | 101   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.461 | 6.3    | 88    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.970 | -2.4   | 100   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 45.556 | -13.9  | 116   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 47.851 | -19.6  | 124   | 0.00     |

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|----------|--------|-------|------|-------|----------|
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 1