

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020222\  
 Data File : BF126785.D  
 Acq On : 02 Feb 2022 14:21  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF020222

Quant Time: Feb 02 16:46:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 02 15:08:47 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  | 99    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.269 | 1.8  | 100   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.146 | -0.4 | 101   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.446 | 1.4  | 99    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.786 | 2.8  | 103   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.440 | 1.4  | 99    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.726 | 2.8  | 101   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.970 | 2.6  | 101   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 38.593 | 3.5  | 102   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.571 | 3.6  | 101   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.825 | 2.9  | 101   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.699 | 3.3  | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.624 | 3.4  | 100   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.087 | 7.3  | 101   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.154 | 2.1  | 99    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.219 | 2.0  | 99    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.027 | 2.4  | 100   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.184 | 4.5  | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.874 | 5.3  | 99    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.903 | 2.7  | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.550 | 3.6  | 101   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.221 | 2.2  | 99    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.971 | 2.6  | 99    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.790 | 3.0  | 99    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.096 | -2.7 | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.693 | 0.8  | 100   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.999 | 2.5  | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.242 | 1.9  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.979 | 5.1  | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.780 | 3.0  | 99    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.617 | -1.5 | 96    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.056 | 2.4  | 99    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.283 | 4.3  | 99    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.024 | -0.1 | 98    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.846 | 2.9  | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.922 | 2.7  | 99    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.397 | 1.5  | 100   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 98    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.228 | 4.4  | 99    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.604 | 3.5  | 96    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.356 | 3.3  | 99    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.915 | 5.2  | 98    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.131 | 2.2  | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.273 | 3.4  | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.014 | 5.0  | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.329 | 4.2  | 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 | 39.463 | 1.3   | 100   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.372 | 4.1   | 99    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.488 | 3.8   | 100   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.507 | 1.2   | 100   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.747 | 3.1   | 100   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.708 | 0.7   | 99    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.532 | -6.3  | 101   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.518 | 6.2   | 98    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.089 | -0.2  | 101   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.350 | 1.6   | 100   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.100 | 4.7   | 100   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.698 | 3.3   | 100   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.645 | 5.9   | 98    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.565 | 6.1   | 98    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.606 | 1.0   | 97    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.530 | 3.7   | 100   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.392 | -11.0 | 101   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.792 | 0.5   | 101   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.903 | 0.2   | 98    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.280 | 1.8   | 100   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.507 | -1.3  | 100   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.222 | -5.6  | 101   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.481 | 3.8   | 98    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.737 | 3.2   | 100   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.070 | 4.8   | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.832 | 2.9   | 98    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.413 | 4.0   | 99    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 103   | 0.00     |
| 77   | Benzydine                  | 40.000 | 42.839 | -7.1  | 100   | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.578 | 3.6   | 100   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.883 | 6.4   | 99    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.966 | 0.1   | 101   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.133 | 2.2   | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.256 | 1.9   | 102   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.136 | 2.2   | 105   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.868 | 0.3   | 103   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.773 | 0.6   | 106   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.617 | -1.5  | 97    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.062 | -0.2  | 106   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.471 | -1.2  | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.755 | 0.6   | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.945 | -2.4  | 98    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.808 | -4.5  | 99    | 0.00     |

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