

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121521\  
 Data File : BF126202.D  
 Acq On : 15 Dec 2021 20:31  
 Operator : JU/CG  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF121521

Quant Time: Dec 16 12:29:12 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 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   | 84    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 43.149 | -7.9  | 85    | -0.01    |
| 3    | Pyridine                    | 40.000 | 43.507 | -8.8  | 85    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.217 | -8.0  | 85    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 83.956 | -4.9  | 85    | 0.00     |
| 6    | Aniline                     | 40.000 | 42.533 | -6.3  | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 84.150 | -5.2  | 85    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.800 | -7.0  | 86    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.006 | -0.0  | 84    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.500 | -6.3  | 86    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.280 | -5.7  | 84    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.712 | -6.8  | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.272 | -5.7  | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.177 | -5.4  | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.737 | -6.8  | 84    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 42.591 | -6.5  | 83    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.372 | -5.9  | 84    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.977 | -7.4  | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.707 | -1.8  | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.100 | -5.3  | 87    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 84    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.453 | -3.6  | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.989 | -6.2  | 84    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.825 | -7.1  | 84    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.803 | -4.5  | 84    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 44.396 | -11.0 | 84    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.746 | -4.4  | 84    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.371 | -3.4  | 83    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.764 | -6.9  | 84    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 42.332 | -5.8  | 86    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.302 | -5.8  | 86    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 43.042 | -7.6  | 82    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 43.334 | -8.3  | 86    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 42.811 | -7.0  | 84    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.903 | -9.8  | 87    | -0.01    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.795 | -7.0  | 84    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.279 | -5.7  | 86    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.283 | -5.7  | 86    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.910 | -4.8  | 85    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.654 | -9.1  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.093 | -8.9  | 88    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.072 | -5.2  | 83    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.027 | -7.6  | 87    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.738 | 4.1   | 86    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.926 | -4.8  | 86    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.353 | -5.9  | 87    | 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 | 43.241 | -8.1  | 84    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 42.517 | -6.3  | 87    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.978 | -4.9  | 87    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.179 | -10.4 | 87    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.034 | -5.1  | 86    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.682 | -9.2  | 86    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.986 | -15.0 | 87    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 42.451 | -6.1  | 88    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.947 | -14.9 | 85    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.130 | -12.8 | 89    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.836 | 2.9   | 87    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.589 | -6.5  | 85    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.490 | -6.2  | 86    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.105 | 2.2   | 87    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.574 | -8.9  | 84    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.678 | -6.7  | 87    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.359 | -10.9 | 85    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.711 | -4.3  | 87    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.817 | -4.5  | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.533 | -3.8  | 85    | 0.00     |
| 69   | Atrazine                   | 40.000 | 43.755 | -9.4  | 84    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.896 | -12.2 | 85    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.471 | -3.7  | 88    | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.217 | -5.5  | 88    | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.446 | -6.1  | 88    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.077 | -5.2  | 87    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.499 | -3.7  | 86    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 77   | Benzydine                  | 40.000 | 42.638 | -6.6  | 86    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.669 | -9.2  | 86    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.877 | -6.1  | 88    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.821 | -9.6  | 83    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 43.846 | -9.6  | 87    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.201 | -8.0  | 84    | 0.00     |
| 83   | Chrysene                   | 40.000 | 44.063 | -10.2 | 86    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.561 | -6.4  | 83    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.091 | -7.7  | 80    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 84    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 47.447 | -18.6 | 90    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.112 | -2.8  | 79    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 44.886 | -12.2 | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 43.997 | -10.0 | 85    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 47.112 | -17.8 | 90    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 47.937 | -19.8 | 92    | 0.00     |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0