

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021622\  
 Data File : BF126912.D  
 Acq On : 16 Feb 2022 14:39  
 Operator : CG\JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF021622

Quant Time: Feb 16 17:05:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 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  | 105   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.076 | 2.3  | 106   | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.800 | 0.5  | 105   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.581 | 1.0  | 102   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.897 | 3.9  | 103   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.807 | 0.5  | 103   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.223 | 2.2  | 104   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.496 | 1.3  | 104   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.242 | 9.4  | 107   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.951 | 2.6  | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.987 | 2.5  | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.873 | 2.8  | 105   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.705 | 3.2  | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.576 | 3.6  | 103   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.727 | 0.7  | 103   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.722 | 3.2  | 102   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.650 | 0.9  | 104   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.154 | 2.1  | 105   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.828 | 0.4  | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.572 | 1.1  | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 104   | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.481 | 6.3  | 103   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 75.740 | 5.3  | 103   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.258 | 4.4  | 104   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.418 | 4.0  | 104   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.394 | -1.0 | 107   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.280 | 4.3  | 105   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.422 | 3.9  | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.614 | 3.5  | 105   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.125 | 4.7  | 105   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.782 | 5.5  | 104   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.314 | -5.8 | 105   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.061 | 4.8  | 103   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.400 | 4.0  | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.825 | 2.9  | 103   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.969 | 2.6  | 103   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.672 | 5.8  | 103   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.284 | 4.3  | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 103   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.524 | 3.7  | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.375 | -3.4 | 106   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.643 | 2.9  | 101   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.514 | 3.7  | 102   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.820 | 2.9  | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.179 | 6.0  | 103   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.940 | 5.2  | 103   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.958 | 5.1  | 102   | 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 | 39.554 | 1.1  | 105   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.375 | 4.1  | 103   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.564 | 3.6  | 104   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.175 | 2.1  | 103   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.009 | 2.5  | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.092 | 2.3  | 102   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.113 | -7.8 | 105   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.232 | 4.4  | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.290 | -0.7 | 103   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.288 | 1.8  | 102   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.627 | 5.9  | 102   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.939 | 2.7  | 103   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.219 | 4.5  | 102   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.178 | 4.6  | 102   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.331 | 1.7  | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.934 | 5.2  | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 103   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.001 | -7.5 | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.010 | 5.0  | 101   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.216 | 4.5  | 102   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.214 | 4.5  | 103   | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.860 | 2.9  | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.150 | -2.9 | 101   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.501 | 6.2  | 102   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.838 | 5.4  | 101   | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.531 | 6.2  | 101   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.443 | 3.9  | 102   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.586 | 6.0  | 101   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 104   | 0.00     |
| 77   | Benzydine                  | 40.000 | 36.973 | 7.6  | 93    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.257 | 1.9  | 102   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 77.057 | 3.7  | 103   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.700 | 0.7  | 102   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.974 | 2.6  | 103   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.643 | 3.4  | 100   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.815 | 3.0  | 103   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.841 | 0.4  | 104   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.604 | 1.0  | 106   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 102   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.397 | -3.5 | 101   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.940 | 2.7  | 103   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.290 | -3.2 | 106   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.484 | -1.2 | 104   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.318 | -3.3 | 102   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.075 | -2.7 | 100   | 0.00     |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

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