

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031522\  
 Data File : BF127325.D  
 Acq On : 15 Mar 2022 15:37  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 16 05:29:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 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  | 137   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.673 | 10.8 | 128   | 0.04     |
| 3    | Pyridine                    | 40.000 | 35.208 | 12.0 | 119   | 0.02     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 34.821 | 12.9 | 116   | 0.04     |
| 5 S  | 2-Fluorophenol              | 80.000 | 73.050 | 8.7  | 130   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.543 | 6.1  | 126   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 73.314 | 8.4  | 127   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.154 | 7.1  | 127   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.954 | 10.1 | 125   | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.705 | 8.2  | 125   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.054 | 7.4  | 123   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.071 | 7.3  | 127   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.140 | 7.1  | 126   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.376 | 9.1  | 124   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 36.301 | 9.2  | 119   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.749 | 8.1  | 122   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 35.898 | 10.3 | 123   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 36.456 | 8.9  | 126   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.144 | 12.1 | 117   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 34.091 | 14.8 | 119   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 137   | 0.00     |
| 22   | Acetophenone                | 40.000 | 34.497 | 13.8 | 118   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 73.706 | 7.9  | 126   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.151 | 7.1  | 125   | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.542 | 6.1  | 130   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 38.099 | 4.8  | 131   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.115 | 7.2  | 127   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.169 | 4.6  | 127   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.981 | 5.0  | 127   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.005 | 5.0  | 130   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.356 | 6.6  | 131   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 33.525 | 16.2 | 117   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 37.134 | 7.2  | 129   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.994 | 5.0  | 127   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.491 | 6.3  | 119   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.418 | 6.5  | 125   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.439 | 6.4  | 128   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.171 | 7.1  | 125   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 131   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.833 | 2.9  | 128   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.048 | -0.1 | 126   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 73.781 | 7.8  | 119   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.765 | 3.1  | 123   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.681 | 3.3  | 125   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 72.896 | 8.9  | 123   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.511 | 6.2  | 125   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.726 | 5.7  | 127   | 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 | 38.133 | 4.7  | 123   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.235 | 6.9  | 120   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 36.946 | 7.6  | 124   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 37.999 | 5.0  | 122   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.940 | 7.7  | 123   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 36.541 | 8.6  | 119   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.328 | 11.7 | 110   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 36.484 | 8.8  | 120   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.884 | 7.8  | 110   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 36.922 | 7.7  | 117   | 0.00     |
| 58   | Fluorene                   | 40.000 | 35.831 | 10.4 | 117   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.053 | -0.1 | 128   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 36.527 | 8.7  | 121   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.590 | 8.5  | 118   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 36.011 | 10.0 | 115   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.959 | 7.6  | 116   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 122   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.827 | -4.6 | 115   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.029 | 4.9  | 118   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.465 | 1.3  | 118   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.033 | 4.9  | 112   | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.885 | 2.8  | 113   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.517 | -1.3 | 112   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.320 | 6.7  | 117   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.552 | 6.1  | 117   | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.002 | 7.5  | 114   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.296 | 6.8  | 115   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.464 | 8.8  | 112   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 109   | 0.00     |
| 77   | Benzydine                  | 40.000 | 35.722 | 10.7 | 114   | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.490 | -3.7 | 114   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.031 | -0.0 | 111   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.423 | -1.1 | 107   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.191 | 4.5  | 103   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 36.689 | 8.3  | 103   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.830 | 2.9  | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.566 | 3.6  | 102   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.072 | 4.8  | 103   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 115   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.128 | -2.8 | 115   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.145 | 4.6  | 109   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.584 | 1.0  | 116   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.658 | 3.4  | 109   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.506 | -3.8 | 116   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.362 | -3.4 | 115   | 0.00     |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 0