

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032922\  
 Data File : BF127557.D  
 Acq On : 29 Mar 2022 10:41  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 29 15:52:59 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 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   | 125   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 46.141 | -15.4 | 156   | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.293 | -3.2  | 130   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.778 | -1.9  | 129   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.342 | 2.1   | 125   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.764 | 0.6   | 124   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.811 | 1.5   | 125   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.909 | 0.2   | 125   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.594 | 1.0   | 121   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.846 | 0.4   | 125   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.109 | -2.8  | 130   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.458 | 3.9   | 123   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.995 | 2.5   | 124   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.805 | 8.0   | 124   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.534 | 1.2   | 123   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.600 | -1.5  | 128   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.821 | 0.4   | 127   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.617 | 1.0   | 127   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.756 | 0.6   | 129   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.978 | 2.6   | 125   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 122   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.749 | 0.6   | 127   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.191 | -1.5  | 127   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.321 | -3.3  | 128   | 0.00     |
| 25   | Isophorone                  | 40.000 | 43.699 | -9.2  | 133   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.731 | -4.3  | 128   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.866 | -4.7  | 127   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 43.151 | -7.9  | 134   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.403 | -3.5  | 128   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.162 | -0.4  | 126   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.684 | -1.7  | 127   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.249 | -0.6  | 125   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 41.004 | -2.5  | 127   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.339 | -0.8  | 126   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 44.110 | -10.3 | 131   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.272 | -3.2  | 128   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.261 | -3.2  | 128   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.306 | -0.8  | 128   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 122   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.920 | 0.2   | 127   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.103 | 12.2  | 106   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.301 | 3.4   | 124   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.676 | -4.2  | 129   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.057 | -2.6  | 122   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.900 | 2.6   | 127   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.466 | 1.3   | 128   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.827 | 0.4   | 127   | 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 | 41.042 | -2.6   | 129   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.475 | 3.8    | 121   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.410 | -3.5   | 132   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.980 | -2.4   | 129   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.892 | 0.3    | 125   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.809 | 0.5    | 125   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.140 | 4.6    | 118   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.799 | -2.0   | 122   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 35.690 | 10.8   | 103   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.191 | 4.5    | 120   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.676 | -1.7   | 125   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.622 | 0.9    | 127   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.831 | -2.1   | 132   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.597 | 3.5    | 131   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 38.648 | 3.4    | 123   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.282 | -0.7   | 129   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 116   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.228 | -10.6  | 124   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.874 | -4.7   | 127   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.012 | -5.0   | 126   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.737 | -4.3   | 125   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.524 | -3.8   | 120   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.432 | 1.4    | 115   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.541 | -1.4   | 123   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.394 | -1.0   | 123   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.627 | 0.9    | 119   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.750 | -11.9  | 133   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.117 | -0.3   | 121   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 114   | 0.00     |
| 77   | Benzydine                  | 40.000 | 36.580 | 8.6    | 116   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.886 | 0.3    | 120   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 80.882 | -1.1   | 122   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 47.062 | -17.7  | 134   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.557 | -1.4   | 120   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.174 | 2.1    | 116   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.883 | -2.2   | 121   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 51.014 | -27.5# | 145   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 58.301 | -45.8# | 167   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 125   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 37.557 | 6.1    | 111   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.886 | -2.2   | 127   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.498 | -3.7   | 140   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.711 | -4.3   | 132   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 37.873 | 5.3    | 111   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 36.455 | 8.9    | 107   | 0.00     |

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

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