

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070622\  
 Data File : BF129137.D  
 Acq On : 06 Jul 2022 12:04  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 06 13:43:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 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   | 78    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.826 | 2.9   | 77    | -0.02    |
| 3    | Pyridine                    | 40.000 | 39.442 | 1.4   | 76    | -0.06    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.686 | 10.8  | 70    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.042 | 3.7   | 77    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.811 | 0.5   | 79    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.833 | 4.0   | 77    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.360 | 4.1   | 76    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 46.044 | -15.1 | 91    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.558 | 3.6   | 77    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.008 | 5.0   | 76    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.058 | 2.4   | 79    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.786 | 3.0   | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.510 | 3.7   | 76    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.446 | 1.4   | 77    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.997 | 7.5   | 75    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.525 | 3.7   | 77    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.324 | 1.7   | 79    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.290 | 6.8   | 74    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.786 | 3.0   | 76    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 79    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.761 | 5.6   | 76    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.523 | -1.9  | 79    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.161 | -0.4  | 79    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.069 | 2.3   | 78    | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 46.217 | -15.5 | 86    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.691 | 0.8   | 78    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.073 | 4.8   | 75    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.405 | 1.5   | 77    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.579 | 3.6   | 77    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.824 | 0.4   | 78    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.976 | 5.1   | 75    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 40.204 | -0.5  | 80    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.826 | 0.4   | 80    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.780 | 3.0   | 77    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.660 | 0.9   | 78    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.807 | 3.0   | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.764 | 3.1   | 76    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 76    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.473 | -1.2  | 78    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.309 | -3.3  | 76    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.984 | -5.0  | 81    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.005 | -2.5  | 76    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.502 | -1.3  | 77    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.124 | 4.8   | 80    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.189 | -0.5  | 77    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.671 | 0.8   | 76    | 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 | 44.631 | -11.6  | 81    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.620 | -1.5   | 77    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.145 | -0.4   | 77    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.107 | -7.8   | 80    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.137 | -0.3   | 77    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.330 | -5.8   | 79    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 46.697 | -16.7  | 101   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.924 | 0.2    | 76    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.254 | -0.6   | 74    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.554 | -13.9  | 82    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.223 | 1.9    | 76    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.500 | -1.3   | 77    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.633 | 0.9    | 77    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.634 | 0.9    | 76    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.783 | -4.5   | 77    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.115 | 2.2    | 74    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 76    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 51.636 | -29.1# | 96    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.985 | 2.5    | 74    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.861 | 0.3    | 75    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.478 | 1.3    | 77    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.353 | -0.9   | 76    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.945 | 0.1    | 73    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.395 | 1.5    | 75    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.461 | 1.3    | 75    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.214 | 4.5    | 74    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.881 | -2.2   | 78    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.127 | 4.7    | 74    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 67    | 0.00     |
| 77   | Benzydine                  | 40.000 | 64.706 | -61.8# | 101   | 0.00     |
| 78   | Pyrene                     | 40.000 | 44.427 | -11.1  | 73    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 88.116 | -10.1  | 75    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.108 | -10.3  | 72    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.832 | 0.4    | 68    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 44.453 | -11.1  | 77    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.617 | 1.0    | 67    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.551 | -1.4   | 67    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.845 | 0.4    | 67    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 71    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.657 | -6.6   | 79    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.615 | 3.5    | 68    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.804 | 3.0    | 68    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.108 | 2.2    | 70    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.667 | -6.7   | 78    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.913 | -7.3   | 80    | 0.00     |

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

(#) = Out of Range

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