

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120623\  
 Data File : BF136419.D  
 Acq On : 06 Dec 2023 10:06  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 06 11:00:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:40:27 2023  
 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    | 106   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 51.875 | -29.7# | 131   | 0.00     |
| 3    | Pyridine                    | 40.000 | 48.723 | -21.8  | 120   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.991 | -2.5   | 102   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.439 | 3.2    | 99    | 0.00     |
| 6    | Aniline                     | 40.000 | 49.054 | -22.6  | 123   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.764 | 2.8    | 99    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.453 | 1.4    | 101   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 43.182 | -8.0   | 105   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.694 | 0.8    | 101   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.591 | 1.0    | 102   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.011 | 10.0   | 92    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.437 | 8.9    | 93    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.080 | 9.8    | 93    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.621 | 0.9    | 99    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.779 | 3.1    | 99    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 43.533 | -8.8   | 110   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.014 | 7.5    | 93    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.457 | 1.4    | 100   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.938 | -2.3   | 105   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 107   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.725 | 3.2    | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.898 | 1.4    | 100   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.264 | 4.3    | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.179 | 2.1    | 100   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.876 | 0.3    | 99    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 51.846 | -29.6# | 131   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.994 | 2.5    | 100   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.761 | 3.1    | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 36.788 | 8.0    | 94    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.917 | 5.2    | 97    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.011 | -0.0   | 97    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 44.582 | -11.5  | 112   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.793 | 10.5   | 91    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.581 | -1.5   | 103   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.307 | 1.7    | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.380 | 1.5    | 102   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.480 | 6.3    | 96    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 105   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.831 | 0.4    | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 52.783 | -32.0# | 128   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 80.228 | -0.3   | 100   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.839 | 2.9    | 97    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.726 | -4.3   | 104   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.931 | 2.6    | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.644 | 0.9    | 100   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.388 | 6.5    | 95    | 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 | 42.678 | -6.7  | 105   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.276 | -3.2  | 104   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.100 | -2.8  | 104   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.933 | 2.7   | 97    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.902 | 0.2   | 101   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.827 | -4.6  | 104   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 49.992 | -25.0 | 116   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.676 | -1.7  | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.719 | 0.7   | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.943 | 0.1   | 99    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.228 | 1.9   | 100   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.701 | -1.8  | 101   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.304 | -0.8  | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.911 | 0.2   | 103   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.150 | -5.4  | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.096 | -0.2  | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 104   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.352 | -5.9  | 97    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.553 | -1.4  | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.807 | 0.5   | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.640 | 8.4   | 93    | 0.00     |
| 69   | Atrazine                   | 40.000 | 32.771 | 18.1  | 88    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.755 | 3.1   | 94    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.475 | -1.2  | 103   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.976 | -2.4  | 104   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.097 | 2.3   | 98    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.833 | -2.1  | 102   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.480 | 1.3   | 99    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 77   | Benzydine                  | 40.000 | 33.291 | 16.8  | 88    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.351 | 6.6   | 99    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 77.053 | 3.7   | 103   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.639 | -4.1  | 107   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.102 | 2.2   | 106   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 44.665 | -11.7 | 122   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.722 | 0.7   | 106   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.112 | -7.8  | 112   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 44.197 | -10.5 | 115   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 107   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.436 | -1.1  | 98    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.855 | 7.9   | 98    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.143 | -2.9  | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.921 | -4.8  | 107   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.729 | -1.8  | 99    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.075 | -0.2  | 97    | 0.00     |

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

(#) = Out of Range

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