

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083123\  
 Data File : BF135045.D  
 Acq On : 31 Aug 2023 17:08  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 31 17:29:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 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  | 81    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.681 | 8.3  | 80    | -0.01    |
| 3    | Pyridine                    | 40.000 | 35.872 | 10.3 | 77    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.670 | 8.3  | 80    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 71.970 | 10.0 | 81    | 0.00     |
| 6    | Aniline                     | 40.000 | 36.757 | 8.1  | 82    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 74.128 | 7.3  | 83    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.061 | 7.3  | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.818 | 8.0  | 86    | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.881 | 7.8  | 82    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.514 | 8.7  | 81    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.864 | 7.8  | 82    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.286 | 6.8  | 83    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.213 | 7.0  | 83    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.538 | 3.7  | 85    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.546 | 11.1 | 79    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.265 | 6.8  | 82    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.598 | 6.0  | 83    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.156 | 9.6  | 84    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.105 | 4.7  | 86    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 35.570 | 11.1 | 86    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 72.076 | 9.9  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.093 | 9.8  | 85    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.306 | 9.2  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 38.648 | 3.4  | 90    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 36.875 | 7.8  | 87    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.825 | 10.4 | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.302 | 6.7  | 89    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 36.379 | 9.1  | 86    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.565 | 8.6  | 88    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.464 | 1.3  | 91    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 36.467 | 8.8  | 87    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.646 | 8.4  | 87    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.079 | 4.8  | 89    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.703 | 5.7  | 90    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 36.830 | 7.9  | 88    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.496 | 8.8  | 88    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.575 | 8.6  | 89    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.122 | 12.2 | 81    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 74.171 | 7.3  | 91    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 36.759 | 8.1  | 88    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 36.784 | 8.0  | 89    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 71.225 | 11.0 | 88    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.218 | 9.5  | 89    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.369 | 9.1  | 88    | 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 | 37.886 | 5.3   | 90    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.097 | 7.3   | 90    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 36.282 | 9.3   | 89    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 37.491 | 6.3   | 89    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.608 | 8.5   | 90    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 36.462 | 8.8   | 87    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.216 | -3.0  | 89    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 36.246 | 9.4   | 89    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.444 | 3.9   | 90    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.913 | 2.7   | 91    | 0.00     |
| 58   | Fluorene                   | 40.000 | 36.828 | 7.9   | 93    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 36.897 | 7.8   | 88    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 36.375 | 9.1   | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.302 | 9.2   | 90    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.342 | 6.6   | 89    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.183 | 9.5   | 88    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 90    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.292 | 4.3   | 88    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 35.249 | 11.9  | 88    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 34.804 | 13.0  | 87    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.879 | 10.3  | 90    | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.549 | 6.1   | 88    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.238 | 4.4   | 92    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 35.546 | 11.1  | 90    | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.052 | 9.9   | 91    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.559 | 8.6   | 92    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 35.583 | 11.0  | 89    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.829 | 7.9   | 93    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 77   | Benzydine                  | 40.000 | 45.554 | -13.9 | 111   | 0.00     |
| 78   | Pyrene                     | 40.000 | 34.597 | 13.5  | 92    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 68.493 | 14.4  | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 38.304 | 4.2   | 98    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 34.959 | 12.6  | 94    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.613 | 3.5   | 105   | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.407 | 9.0   | 99    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.384 | -3.5  | 107   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.400 | -3.5  | 109   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 35.693 | 10.8  | 93    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.555 | 8.6   | 105   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 35.378 | 11.6  | 95    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 36.073 | 9.8   | 99    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.271 | 9.3   | 93    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 36.018 | 10.0  | 93    | 0.00     |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range

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