

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100224\  
 Data File : BF139595.D  
 Acq On : 02 Oct 2024 09:45  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 02 11:08:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 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  | 98    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.499 | 3.8  | 97    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.346 | 1.6  | 101   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.018 | 5.0  | 95    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.259 | 3.4  | 98    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.068 | 4.8  | 101   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.943 | 3.8  | 98    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.811 | 3.0  | 99    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.240 | 6.9  | 96    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.699 | 3.3  | 97    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.645 | 8.4  | 95    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.462 | 3.8  | 98    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.172 | 4.6  | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.254 | 4.4  | 97    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.716 | 3.2  | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.712 | 3.2  | 98    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.852 | 2.9  | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.301 | 4.2  | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.552 | 3.6  | 99    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.358 | 4.1  | 97    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.478 | 3.8  | 98    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.566 | 3.0  | 97    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.126 | 2.2  | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.944 | 2.6  | 98    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.750 | 0.6  | 95    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.824 | 0.4  | 101   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.097 | 2.3  | 99    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.430 | 1.4  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.351 | 1.6  | 99    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.890 | 2.8  | 98    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.030 | -5.1 | 98    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.517 | 3.7  | 95    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.047 | 2.4  | 99    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.749 | 0.6  | 100   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.203 | 2.0  | 100   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.895 | 2.8  | 98    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.911 | 2.7  | 98    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 100   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.253 | 4.4  | 99    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.048 | -2.6 | 95    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.249 | 4.7  | 98    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.612 | 3.5  | 98    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.820 | 5.4  | 97    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.812 | 6.5  | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.909 | 5.2  | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.097 | 4.8  | 98    | 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 | 38.951 | 2.6  | 99    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.104 | 4.7  | 99    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.273 | 4.3  | 100   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.596 | 1.0  | 101   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.959 | 5.1  | 98    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.413 | 1.5  | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.756 | 3.1  | 94    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.596 | 6.0  | 98    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.422 | 1.4  | 99    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.686 | 3.3  | 98    | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.660 | 5.9  | 100   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.985 | 2.5  | 101   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.642 | 3.4  | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.412 | 6.5  | 100   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 38.704 | 3.2  | 100   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.713 | 3.2  | 100   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.217 | -0.5 | 96    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.778 | 5.6  | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.852 | 5.4  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.272 | 4.3  | 100   | 0.00     |
| 69   | Atrazine                   | 40.000 | 32.618 | 18.5 | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.847 | 0.4  | 97    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.262 | 4.3  | 101   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.913 | 5.2  | 100   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.475 | 3.8  | 101   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.774 | 0.6  | 103   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.235 | 1.9  | 103   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 111   | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.284 | 4.3  | 108   | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.500 | 3.8  | 105   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.660 | 5.4  | 106   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.212 | -3.0 | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.471 | 6.3  | 109   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 37.744 | 5.6  | 106   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.885 | 2.8  | 109   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.673 | -6.7 | 116   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.851 | -2.1 | 112   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.781 | -2.0 | 104   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.455 | 6.4  | 110   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.959 | 0.1  | 102   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.383 | 1.5  | 106   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.918 | -2.3 | 103   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.480 | -3.7 | 104   | 0.00     |

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

(#) = Out of Range

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