

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082824\  
 Data File : BF139199.D  
 Acq On : 28 Aug 2024 10:06  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 28 10:31:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 02:51:47 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    | 88    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.144  | -0.4   | 89    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.768  | -1.9   | 89    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.877  | 2.8    | 84    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 87.107  | -8.9   | 92    | 0.00     |
| 6    | Aniline                     | 40.000 | 41.223  | -3.1   | 90    | -0.03    |
| 7 S  | Phenol-d6                   | 80.000 | 82.963  | -3.7   | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 45.654  | -14.1  | 94    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.739  | -1.8   | 91    | 0.00     |
| 10 C | Phenol                      | 40.000 | 43.412  | -8.5   | 93    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.014  | -0.0   | 92    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.002  | -2.5   | 90    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.894  | -2.2   | 91    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.732  | -1.8   | 90    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 44.400  | -11.0  | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.137  | -0.3   | 88    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.673  | -6.7   | 93    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 45.403  | -13.5  | 95    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.101  | -7.8   | 91    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.984  | -7.5   | 91    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 91    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.552  | -1.4   | 90    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 97.048  | -21.3  | 102   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 43.915  | -9.8   | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.177  | -5.4   | 92    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 52.575  | -31.4# | 134   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 44.689  | -11.7  | 96    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.253  | -3.1   | 90    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 46.759  | -16.9  | 94    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.225  | -3.1   | 91    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.926  | -2.3   | 91    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 49.565  | -23.9  | 127   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.248  | -3.1   | 91    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 42.041  | -5.1   | 91    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 46.227  | -15.6  | 95    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 45.473  | -13.7  | 95    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.734  | -4.3   | 92    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.008  | -5.0   | 92    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 94    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.065  | -2.7   | 93    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 49.093  | -22.7  | 105   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 100.065 | -25.1# | 108   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 50.488  | -26.2# | 101   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 47.079  | -17.7  | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.363  | -1.7   | 93    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.071  | -2.7   | 93    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.733  | -1.8   | 92    | 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 | 45.618 | -14.0  | 111   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.638 | -4.1   | 94    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 45.264 | -13.2  | 98    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 48.202 | -20.5  | 113   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.646 | -6.6   | 96    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 45.753 | -14.4  | 107   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 57.198 | -43.0# | 163   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.634 | -4.1   | 95    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 46.373 | -15.9  | 108   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 49.500 | -23.8  | 122   | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.575 | -3.9   | 94    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 49.243 | -23.1  | 100   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 46.208 | -15.5  | 98    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.673 | -6.7   | 97    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 45.106 | -12.8  | 101   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.282 | -5.7   | 95    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 54.779 | -36.9# | 151   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.284 | -3.2   | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.056 | -7.6   | 100   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.467 | -6.2   | 98    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.958 | -2.4   | 90    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 49.771 | -24.4# | 109   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.457 | -1.1   | 93    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.961 | -2.4   | 95    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.733 | -1.8   | 93    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 48.705 | -21.8  | 100   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.943 | -2.4   | 93    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 98    | 0.00     |
| 77   | Benzydine                  | 40.000 | 58.201 | -45.5# | 127   | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.760 | -4.4   | 93    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 86.248 | -7.8   | 98    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 50.587 | -26.5# | 121   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.982 | -2.5   | 96    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 48.493 | -21.2  | 109   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.344 | -0.9   | 94    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 56.653 | -41.6# | 139   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 49.542 | -23.9# | 130   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 92    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.556 | -3.9   | 93    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 43.237 | -8.1   | 99    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.619 | 1.0    | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.180 | -5.4   | 93    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.888 | -4.7   | 94    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.589 | -4.0   | 93    | 0.00     |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 4