

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102424\  
 Data File : BF139990.D  
 Acq On : 24 Oct 2024 09:55  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 24 11:02:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 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 | 37.052 | 7.4   | 82    | -0.02    |
| 3    | Pyridine                    | 40.000 | 37.237 | 6.9   | 81    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 34.778 | 13.1  | 75    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.645 | 5.4   | 83    | 0.00     |
| 6    | Aniline                     | 40.000 | 36.450 | 8.9   | 78    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.737 | 9.1   | 80    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.976 | 5.1   | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.697 | 10.8  | 78    | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.861 | 7.8   | 81    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.961 | 7.6   | 83    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.824 | 2.9   | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.944 | 2.6   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.796 | 3.0   | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.109 | 7.2   | 82    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.465 | 13.8  | 76    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.003 | 7.5   | 82    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.033 | 2.4   | 85    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.083 | 12.3  | 80    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.467 | 8.8   | 81    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.912 | 5.2   | 82    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.866 | -3.6  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.608 | 1.0   | 83    | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.614 | 6.0   | 81    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.492 | -18.7 | 96    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.550 | 6.1   | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.932 | 5.2   | 82    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.521 | 1.2   | 84    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.140 | -0.4  | 85    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.897 | 2.8   | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.616 | -14.0 | 96    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.001 | 5.0   | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.060 | -2.7  | 88    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.918 | 2.7   | 81    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.132 | 4.7   | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.975 | 2.6   | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.809 | 3.0   | 84    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.864 | -2.2  | 87    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 44.115 | -10.3 | 89    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.672 | -9.6  | 93    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.231 | -5.6  | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.103 | -0.3  | 84    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.229 | 2.2   | 87    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.383 | 1.5   | 85    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.600 | 1.0   | 85    | 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 | 42.243 | -5.6   | 84    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.009 | 2.5    | 83    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.796 | 3.0    | 83    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.481 | -6.2   | 87    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.099 | -0.2   | 86    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.785 | -2.0   | 82    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 55.091 | -37.7# | 124   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.488 | 3.8    | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.808 | -7.0   | 84    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.729 | -11.8  | 88    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.758 | 3.1    | 85    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.690 | -4.2   | 88    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.433 | 3.9    | 82    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.111 | -0.3   | 87    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.396 | 1.5    | 80    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.078 | 7.3    | 78    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 83    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 57.493 | -43.7# | 112   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.266 | 1.8    | 82    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.017 | -5.0   | 89    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.441 | -3.6   | 86    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.759 | 0.6    | 77    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 46.531 | -16.3  | 90    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.829 | 2.9    | 82    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.385 | 1.5    | 83    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.439 | 6.4    | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.284 | 4.3    | 78    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.814 | 5.5    | 80    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 78    | 0.00     |
| 77   | Benzydine                  | 40.000 | 33.487 | 16.3   | 59    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.123 | -5.3   | 79    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.809 | -4.8   | 80    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.861 | -2.2   | 75    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.181 | 2.0    | 74    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.406 | -8.5   | 83    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.191 | 4.5    | 76    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.443 | -8.6   | 79    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.497 | -6.2   | 78    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 44.181 | -10.5  | 88    | 0.01     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 35.286 | 11.8   | 75    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.161 | -0.4   | 82    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.654 | 0.9    | 81    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 44.037 | -10.1  | 88    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 45.596 | -14.0  | 90    | 0.00     |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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