

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
 Data File : BF141775.D  
 Acq On : 26 Feb 2025 10:45  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 26 11:15:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 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  | 96    | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 41.405 | -3.5 | 99    | -0.02    |
| 3    | Pyridine                    | 40.000 | 43.112 | -7.8 | 100   | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.897 | 10.3 | 85    | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 85.642 | -7.1 | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 40.412 | -1.0 | 95    | -0.02    |
| 7 S  | Phenol-d6                   | 80.000 | 82.530 | -3.2 | 99    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 42.577 | -6.4 | 102   | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 42.342 | -5.9 | 106   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.054 | -2.6 | 98    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.782 | -2.0 | 97    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.649 | -6.6 | 103   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.812 | -4.5 | 101   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.534 | -6.3 | 102   | -0.01    |
| 15   | Benzyl Alcohol              | 40.000 | 40.087 | -0.2 | 94    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.280 | 6.8  | 89    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 40.743 | -1.9 | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.554 | -3.9 | 99    | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.509 | -1.3 | 97    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 41.793 | -4.5 | 100   | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 98    | -0.01    |
| 22   | Acetophenone                | 40.000 | 40.120 | -0.3 | 99    | -0.02    |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.277 | 2.2  | 96    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 38.612 | 3.5  | 95    | -0.01    |
| 25   | Isophorone                  | 40.000 | 39.692 | 0.8  | 98    | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 42.247 | -5.6 | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.708 | -1.8 | 98    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.204 | -3.0 | 101   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.335 | -3.3 | 101   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.821 | -2.1 | 101   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.355 | -0.9 | 99    | -0.01    |
| 32   | Benzoic acid                | 40.000 | 33.261 | 16.8 | 80    | -0.02    |
| 33   | 4-Chloroaniline             | 40.000 | 41.953 | -4.9 | 103   | -0.02    |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.899 | -2.2 | 100   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 40.218 | -0.5 | 95    | -0.03    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.227 | -0.6 | 98    | -0.01    |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.882 | -2.2 | 102   | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.333 | -0.8 | 99    | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 97    | -0.02    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.503 | -3.8 | 100   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.631 | 3.4  | 89    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.472 | -1.8 | 100   | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.392 | -1.0 | 98    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.917 | 0.2  | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.803 | -1.0 | 101   | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.065 | -2.7 | 100   | -0.02    |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.132 | -2.8 | 101   | -0.01    |

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

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 38.554 | 3.6    | 93    | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 40.243 | -0.6   | 99    | -0.01    |
| 50   | Dimethylphthalate          | 40.000 | 41.369 | -3.4   | 102   | -0.02    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.931 | -4.8   | 101   | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 40.039 | -0.1   | 97    | -0.02    |
| 53   | 3-Nitroaniline             | 40.000 | 39.520 | 1.2    | 96    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 37.317 | 6.7    | 91    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.995 | 0.0    | 98    | -0.02    |
| 56 P | 4-Nitrophenol              | 40.000 | 37.082 | 7.3    | 86    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.692 | 0.8    | 96    | -0.01    |
| 58   | Fluorene                   | 40.000 | 40.745 | -1.9   | 100   | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.503 | 1.2    | 96    | -0.01    |
| 60   | Diethylphthalate           | 40.000 | 40.773 | -1.9   | 100   | -0.02    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.168 | -5.4   | 103   | -0.02    |
| 62   | 4-Nitroaniline             | 40.000 | 38.000 | 5.0    | 90    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 39.399 | 1.5    | 96    | -0.02    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 94    | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.684 | 0.8    | 91    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.817 | -4.5   | 100   | -0.02    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.834 | -7.1   | 102   | -0.02    |
| 68   | Hexachlorobenzene          | 40.000 | 43.146 | -7.9   | 103   | -0.01    |
| 69   | Atrazine                   | 40.000 | 36.750 | 8.1    | 89    | -0.02    |
| 70 C | Pentachlorophenol          | 40.000 | 41.789 | -4.5   | 93    | -0.01    |
| 71   | Phenanthrene               | 40.000 | 41.360 | -3.4   | 98    | -0.02    |
| 72   | Anthracene                 | 40.000 | 41.033 | -2.6   | 98    | -0.02    |
| 73   | Carbazole                  | 40.000 | 39.813 | 0.5    | 94    | -0.01    |
| 74   | Di-n-butylphthalate        | 40.000 | 43.146 | -7.9   | 102   | -0.02    |
| 75 C | Fluoranthene               | 40.000 | 39.327 | 1.7    | 93    | -0.02    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 84    | -0.02    |
| 77   | Benzydine                  | 40.000 | 40.405 | -1.0   | 71    | -0.01    |
| 78   | Pyrene                     | 40.000 | 43.860 | -9.6   | 90    | -0.02    |
| 79 S | Terphenyl-d14              | 80.000 | 88.866 | -11.1  | 93    | -0.02    |
| 80   | Butylbenzylphthalate       | 40.000 | 46.652 | -16.6  | 95    | -0.02    |
| 81   | Benzo(a)anthracene         | 40.000 | 41.002 | -2.5   | 85    | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 44.881 | -12.2  | 95    | -0.02    |
| 83   | Chrysene                   | 40.000 | 41.884 | -4.7   | 90    | -0.02    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 53.117 | -32.8# | 108   | -0.02    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 56.453 | -41.1# | 117   | -0.04    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 104   | -0.02    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 45.519 | -13.8  | 113   | -0.04    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.835 | 2.9    | 101   | -0.03    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.188 | -0.5   | 104   | -0.04    |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.870 | -2.2   | 106   | -0.04    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 45.570 | -13.9  | 112   | -0.05    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 45.275 | -13.2  | 112   | -0.05    |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 1