

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122920\  
 Data File : BF122865.D  
 Acq On : 29 Dec 2020 15:24  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 29 18:12:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 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    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.093 | 9.8  | 86    | 0.02     |
| 3    | Pyridine                    | 40.000 | 34.576 | 13.6 | 80    | 0.01     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 34.375 | 14.1 | 80    | 0.02     |
| 5 S  | 2-Fluorophenol              | 80.000 | 74.020 | 7.5  | 88    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.085 | 7.3  | 87    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 69.293 | 13.4 | 83    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 35.911 | 10.2 | 85    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 33.274 | 16.8 | 90    | 0.00     |
| 10 C | Phenol                      | 40.000 | 34.439 | 13.9 | 83    | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.316 | 9.2  | 86    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 35.417 | 11.5 | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 35.611 | 11.0 | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 33.245 | 16.9 | 83    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 35.342 | 11.6 | 82    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.664 | 18.3 | 77    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.776 | 3.1  | 90    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 35.965 | 10.1 | 85    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.238 | 11.9 | 84    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 34.574 | 13.6 | 84    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.608 | 8.5  | 89    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.796 | -4.7 | 100   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.475 | 8.8  | 88    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.619 | 3.5  | 92    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.678 | -1.7 | 94    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.541 | -3.9 | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.933 | 10.2 | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.224 | 6.9  | 88    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 35.591 | 11.0 | 86    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.358 | 9.1  | 88    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 31.577 | 21.1 | 70    | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 36.058 | 9.9  | 86    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 34.017 | 15.0 | 82    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.685 | 5.8  | 89    | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.188 | 4.5  | 90    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 35.330 | 11.7 | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 34.565 | 13.6 | 84    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 96    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.034 | 7.4  | 88    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.170 | 12.1 | 79    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.309 | 4.6  | 89    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 34.633 | 13.4 | 81    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 36.662 | 8.3  | 87    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.375 | 7.0  | 95    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.441 | 6.4  | 90    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 35.986 | 10.0 | 86    | 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 | 34.603 | 13.5  | 80    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 36.465 | 8.8   | 88    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.378 | 6.6   | 89    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.366 | 1.6   | 91    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 33.413 | 16.5  | 79    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 35.039 | 12.4  | 81    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.275 | 4.3   | 85    | 0.01     |
| 55   | Dibenzofuran               | 40.000 | 35.590 | 11.0  | 86    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.178 | 9.6   | 81    | 0.02     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 37.487 | 6.3   | 86    | 0.01     |
| 58   | Fluorene                   | 40.000 | 35.731 | 10.7  | 91    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 36.445 | 8.9   | 85    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 36.978 | 7.6   | 88    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.182 | 9.5   | 89    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 35.739 | 10.7  | 83    | 0.01     |
| 63   | Azobenzene                 | 40.000 | 36.335 | 9.2   | 86    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 98    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.149 | -10.4 | 101   | 0.01     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.959 | 7.6   | 90    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.264 | 9.3   | 87    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.692 | 10.8  | 87    | 0.00     |
| 69   | Atrazine                   | 40.000 | 36.947 | 7.6   | 90    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 35.397 | 11.5  | 78    | 0.01     |
| 71   | Phenanthrene               | 40.000 | 35.649 | 10.9  | 88    | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.804 | 8.0   | 90    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.118 | 9.7   | 88    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 36.706 | 8.2   | 90    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.038 | 9.9   | 88    | 0.01     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 94    | 0.01     |
| 77   | Benzydine                  | 40.000 | 46.544 | -16.4 | 96    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.594 | 6.0   | 87    | 0.01     |
| 79 S | Terphenyl-d14              | 80.000 | 81.264 | -1.6  | 99    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.994 | 5.0   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.189 | 4.5   | 90    | 0.01     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.314 | -5.8  | 98    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.397 | 6.5   | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.871 | 0.3   | 94    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.595 | 3.5   | 91    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 94    | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.967 | 7.6   | 88    | 0.03     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.958 | 7.6   | 83    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.029 | -0.1  | 95    | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 36.991 | 7.5   | 86    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 37.846 | 5.4   | 91    | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.674 | 3.3   | 94    | 0.03     |

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

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0