

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080922\  
 Data File : BF129658.D  
 Acq On : 09 Aug 2022 10:04  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 09 12:26:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 16:27:34 2022  
 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   | 82    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.289 | 9.3   | 74    | -0.02    |
| 3    | Pyridine                    | 40.000 | 37.208 | 7.0   | 75    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.053 | 4.9   | 77    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.121 | 4.8   | 80    | 0.00     |
| 6    | Aniline                     | 40.000 | 36.313 | 9.2   | 75    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.941 | 1.3   | 83    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.718 | -1.8  | 84    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.493 | 11.3  | 78    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.087 | -0.2  | 84    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.838 | -2.1  | 85    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.265 | -0.7  | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.299 | -0.7  | 84    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.740 | -1.9  | 84    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.597 | -6.5  | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.587 | 11.0  | 73    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.622 | 0.9   | 83    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.491 | -3.7  | 86    | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.168 | -5.4  | 89    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.049 | -0.1  | 87    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.857 | -2.1  | 91    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.576 | -2.0  | 88    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.883 | 0.3   | 85    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.018 | -2.5  | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.775 | -4.4  | 88    | -0.01    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.651 | -1.6  | 88    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.615 | -1.5  | 89    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.388 | -1.0  | 86    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.315 | -0.8  | 87    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.932 | 0.2   | 87    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 28.950 | 27.6# | 60    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.479 | -1.2  | 89    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.172 | -7.9  | 94    | -0.01    |
| 35   | Caprolactam                 | 40.000 | 40.680 | -1.7  | 88    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.196 | -5.5  | 91    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.194 | -3.0  | 90    | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.545 | -3.9  | 92    | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.458 | -3.6  | 95    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.987 | 10.0  | 74    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.919 | -4.9  | 95    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.360 | 1.6   | 88    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.419 | 1.5   | 89    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.348 | 3.3   | 98    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.027 | -2.6  | 93    | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.832 | 0.4   | 91    | 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 | 39.742 | 0.6   | 88    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.814 | 3.0   | 89    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.076 | -5.2  | 96    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.856 | -2.1  | 91    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.111 | -0.3  | 90    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.483 | 3.8   | 85    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 37.600 | 6.0   | 79    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.024 | 2.4   | 89    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.463 | 13.8  | 76    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.072 | 2.3   | 85    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.626 | -1.6  | 95    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.635 | 3.4   | 85    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.088 | -5.2  | 96    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.581 | -6.5  | 98    | -0.01    |
| 62   | 4-Nitroaniline             | 40.000 | 37.365 | 6.6   | 84    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.829 | 0.4   | 90    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 86    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.503 | -3.8  | 85    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.398 | -3.5  | 92    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.538 | -8.8  | 96    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 44.251 | -10.6 | 97    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.991 | -5.0  | 92    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 37.631 | 5.9   | 77    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.384 | -1.0  | 90    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.455 | -1.1  | 91    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.241 | 4.4   | 85    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.827 | -9.6  | 98    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.255 | 1.9   | 87    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 79    | 0.00     |
| 77   | Benzidine                  | 40.000 | 37.504 | 6.2   | 71    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.077 | -7.7  | 85    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 91.152 | -13.9 | 93    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.644 | -14.1 | 88    | -0.01    |
| 81   | Benzo(a)anthracene         | 40.000 | 40.400 | -1.0  | 81    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.068 | 2.3   | 77    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.814 | 0.5   | 81    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 45.604 | -14.0 | 91    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 47.158 | -17.9 | 95    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 86    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.359 | -8.4  | 86    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.068 | -0.2  | 89    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.875 | 2.8   | 82    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.893 | 0.3   | 86    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 44.098 | -10.2 | 87    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.280 | -8.2  | 84    | 0.00     |

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