

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022122\  
 Data File : BF126973.D  
 Acq On : 21 Feb 2022 15:00  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 21 17:01:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 21 13:16:57 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  | 80    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.694 | 0.8  | 82    | -0.01    |
| 3    | Pyridine                    | 40.000 | 39.079 | 2.3  | 79    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.572 | 1.1  | 78    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.670 | 2.9  | 79    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.416 | 4.0  | 76    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.956 | 3.8  | 78    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.171 | 2.1  | 79    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 33.949 | 15.1 | 76    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.444 | 3.9  | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.066 | 7.3  | 75    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.636 | 3.4  | 79    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.367 | 1.6  | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.611 | 3.5  | 79    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.238 | 1.9  | 78    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.450 | 11.4 | 71    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.470 | 3.8  | 77    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.567 | 1.1  | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.314 | 6.7  | 76    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.573 | 3.6  | 77    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 75    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.360 | 1.6  | 77    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.634 | 0.5  | 78    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.249 | 1.9  | 76    | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.986 | 5.0  | 74    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.293 | -0.7 | 76    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.241 | 1.9  | 77    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.667 | 3.3  | 76    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.393 | 1.5  | 76    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.098 | -0.2 | 79    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.594 | 1.0  | 78    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.703 | 5.7  | 67    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.567 | 1.1  | 77    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.342 | -0.9 | 79    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.100 | -0.3 | 76    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.170 | -0.4 | 76    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.442 | 1.4  | 77    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.840 | 0.4  | 78    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 75    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.470 | -1.2 | 80    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.715 | -1.8 | 76    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.067 | -5.1 | 80    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.111 | -0.3 | 78    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.410 | 1.5  | 76    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.515 | 0.6  | 80    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.966 | 2.6  | 77    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.260 | 1.9  | 77    | 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 | 39.324 | 1.7   | 76    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.518 | 1.2   | 77    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.063 | 2.3   | 76    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.270 | -0.7  | 77    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.121 | -0.3  | 78    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.173 | -0.4  | 77    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.305 | -13.3 | 81    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.829 | 0.4   | 78    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.525 | -6.3  | 79    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.588 | -1.5  | 77    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.842 | 0.4   | 79    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.252 | -3.1  | 79    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.122 | -0.3  | 78    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.311 | 1.7   | 77    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.006 | -2.5  | 77    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.863 | 2.8   | 76    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 77    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.799 | -9.5  | 80    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.917 | 2.7   | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.283 | -0.7  | 80    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.632 | 0.9   | 80    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.072 | -0.2  | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.928 | -7.3  | 79    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.335 | 1.7   | 80    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.739 | 0.7   | 80    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.564 | -1.4  | 82    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.557 | 1.1   | 79    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.761 | -4.4  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 94    | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.421 | -8.6  | 100   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.327 | 9.2   | 86    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.177 | 7.3   | 90    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.256 | 6.9   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.361 | 1.6   | 95    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.219 | -3.0  | 97    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.556 | 1.1   | 95    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 37.771 | 5.6   | 90    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.895 | 2.8   | 95    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 37.458 | 6.4   | 82    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.665 | -1.7  | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.982 | -2.5  | 93    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.608 | 1.0   | 90    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.902 | 7.7   | 81    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.271 | 6.8   | 81    | 0.00     |

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

(#) = Out of Range

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