

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061521\  
 Data File : BF124320.D  
 Acq On : 15 Jun 2021 13:26  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 15 20:13:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 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    | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.179 | -2.9   | 97    | 0.00     |
| 3    | Pyridine                    | 40.000 | 33.375 | 16.6   | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.718 | 3.2    | 91    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.654 | -0.8   | 95    | 0.00     |
| 6    | Aniline                     | 40.000 | 1.318  | 96.7#  | 3     | 0.12     |
| 7 S  | Phenol-d6                   | 80.000 | 81.098 | -1.4   | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.865 | -4.7   | 98    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 31.660 | 20.8   | 79    | 0.00     |
| 10 C | Phenol                      | 40.000 | 35.465 | 11.3   | 85    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.068 | 2.3    | 92    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.942 | -2.4   | 97    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.486 | -3.7   | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.762 | -1.9   | 96    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 26.258 | 34.4#  | 64    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.760 | 10.6   | 87    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.310 | -0.8   | 96    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.678 | -6.7   | 101   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.631 | 0.9    | 99    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.536 | -1.3   | 97    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 96    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.266 | 4.3    | 94    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.817 | 4.0    | 97    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.758 | 5.6    | 92    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.923 | 7.7    | 93    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.161 | 2.1    | 97    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.930 | 2.7    | 97    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.967 | 7.6    | 96    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.907 | 5.2    | 95    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.452 | 3.9    | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.945 | 5.1    | 95    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 27.854 | 30.4#  | 74    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 32.883 | 17.8   | 82    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.074 | 9.8    | 90    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.148 | -2.9   | 105   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.269 | 9.3    | 95    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.019 | 5.0    | 94    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.330 | 4.2    | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 94    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 35.644 | 10.9   | 92    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 51.687 | -29.2# | 145   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 71.381 | 10.8   | 90    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.110 | 2.2    | 96    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.883 | 5.3    | 95    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.374 | 5.8    | 95    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.302 | 6.7    | 96    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.092 | 4.8    | 99    | 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 | 38.875 | 2.8   | 98    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.825 | 5.4   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.731 | 5.7   | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.322 | 4.2   | 101   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.845 | 5.4   | 96    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 37.243 | 6.9   | 96    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 28.169 | 29.6# | 71    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.876 | 5.3   | 97    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.291 | -0.7  | 98    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.459 | 3.9   | 94    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.264 | 4.3   | 96    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.391 | 1.5   | 102   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.927 | 5.2   | 96    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.319 | 4.2   | 99    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 29.337 | 26.7# | 73    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.911 | 7.7   | 96    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 95    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 31.461 | 21.3  | 80    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.075 | 4.8   | 97    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.307 | 9.2   | 97    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.437 | 11.4  | 92    | 0.00     |
| 69   | Atrazine                   | 40.000 | 33.555 | 16.1  | 78    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 33.879 | 15.3  | 87    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.228 | 4.4   | 97    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.434 | 3.9   | 101   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.688 | 3.3   | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.335 | 4.2   | 100   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.967 | 5.1   | 97    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 77   | Benzydine                  | 40.000 | 7.271  | 81.8# | 8     | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.590 | 6.0   | 98    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 72.699 | 9.1   | 94    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.129 | 7.2   | 97    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 36.744 | 8.1   | 98    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 28.835 | 27.9# | 77    | 0.00     |
| 83   | Chrysene                   | 40.000 | 35.927 | 10.2  | 95    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.477 | 3.8   | 100   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.790 | 3.0   | 104   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.737 | 0.7   | 106   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.440 | 3.9   | 104   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.966 | 2.6   | 102   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.069 | 2.3   | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.912 | 0.2   | 108   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.372 | -0.9  | 107   | 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