

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062222\  
 Data File : BF128944.D  
 Acq On : 22 Jun 2022 21:17  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 23 01:33:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 22 01:02:29 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    | 109   | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 41.121 | -2.8   | 106   | -0.03    |
| 3    | Pyridine                    | 40.000 | 41.507 | -3.8   | 108   | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.799 | 3.0    | 101   | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.656 | -0.8   | 108   | 0.00     |
| 6    | Aniline                     | 40.000 | 41.115 | -2.8   | 113   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.553 | -3.2   | 112   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.809 | -4.5   | 114   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 44.321 | -10.8  | 149   | -0.01    |
| 10 C | Phenol                      | 40.000 | 41.406 | -3.5   | 111   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.858 | -7.1   | 116   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.698 | -4.2   | 113   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.827 | -4.6   | 115   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.142 | -5.4   | 117   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.180 | -0.4   | 110   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 43.009 | -7.5   | 121   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 57.635 | -44.1# | 160   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.544 | -6.4   | 114   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.486 | -8.7   | 118   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 43.171 | -7.9   | 117   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 115   | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.570 | -3.9   | 115   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.343 | -5.4   | 118   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.436 | -6.1   | 118   | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.573 | -6.4   | 119   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 45.703 | -14.3  | 123   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 43.191 | -8.0   | 116   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.603 | -6.5   | 117   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.648 | -6.6   | 116   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.483 | -3.7   | 114   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 41.432 | -3.6   | 119   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 25.007 | 37.5#  | 67    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 37.303 | 6.7    | 108   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.915 | -2.3   | 119   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.875 | -4.7   | 121   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.920 | -4.8   | 121   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.856 | -4.6   | 121   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.957 | -4.9   | 124   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 117   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.306 | -5.8   | 119   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.618 | 6.0    | 102   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 74.222 | 7.2    | 101   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.666 | 5.8    | 107   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.726 | 5.7    | 106   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 82.215 | -2.8   | 117   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.526 | -3.8   | 119   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.217 | -5.5   | 122   | 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 | 44.354 | -10.9 | 125   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.618 | -1.5  | 116   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.435 | -6.1  | 120   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.226 | -10.6 | 122   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.379 | 4.1   | 107   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.443 | -8.6  | 120   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.751 | 10.6  | 97    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.477 | -1.2  | 116   | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 34.212 | 14.5  | 99    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.689 | -6.7  | 116   | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.602 | -4.0  | 116   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 36.152 | 9.6   | 100   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.784 | -4.5  | 118   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.324 | -3.3  | 116   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.552 | 1.1   | 110   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.579 | -6.4  | 120   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 112   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.215 | -5.5  | 112   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.851 | -7.1  | 116   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.334 | -8.3  | 117   | -0.01    |
| 68   | Hexachlorobenzene          | 40.000 | 42.924 | -7.3  | 115   | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.028 | 7.4   | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 33.578 | 16.1  | 89    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.424 | -3.6  | 114   | -0.01    |
| 72   | Anthracene                 | 40.000 | 41.284 | -3.2  | 114   | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.403 | -3.5  | 114   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.299 | -5.7  | 114   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.584 | -1.5  | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 77   | Benzidine                  | 40.000 | 34.074 | 14.8  | 83    | 0.00     |
| 78   | Pyrene                     | 40.000 | 45.153 | -12.9 | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 87.688 | -9.6  | 98    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.658 | -14.1 | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.694 | -6.7  | 96    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 47.937 | -19.8 | 109   | 0.00     |
| 83   | Chrysene                   | 40.000 | 42.196 | -5.5  | 96    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 45.425 | -13.6 | 101   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.881 | -9.7  | 96    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 98    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 44.249 | -10.6 | 120   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.732 | 3.2   | 92    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 43.437 | -8.6  | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.548 | -3.9  | 100   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 44.549 | -11.4 | 117   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 44.677 | -11.7 | 121   | 0.00     |

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

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

(#) = Out of Range

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