

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072121\  
 Data File : BF124658.D  
 Acq On : 21 Jul 2021 12:22  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 21 16:08:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 21 16:08:04 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   | 124   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.747 | -1.9  | 123   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.371 | -0.9  | 123   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.389 | 1.5   | 116   | -0.10    |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.966 | 0.0   | 124   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.076 | 4.8   | 119   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.316 | -2.9  | 125   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.345 | 1.6   | 119   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.655 | 10.9  | 121   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.490 | -1.2  | 124   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.284 | -3.2  | 127   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.993 | 0.0   | 125   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.131 | -0.3  | 122   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.872 | 2.8   | 121   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.015 | -0.0  | 119   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.334 | -0.8  | 123   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.040 | -0.1  | 122   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.866 | 2.8   | 115   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.966 | 0.1   | 121   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.972 | 0.1   | 127   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 125   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.270 | 1.8   | 121   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.128 | -1.4  | 124   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.632 | 3.4   | 115   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.985 | 2.5   | 120   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.656 | -4.1  | 125   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.038 | 2.4   | 120   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.153 | 2.1   | 123   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.775 | -1.9  | 122   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.158 | 4.6   | 119   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.950 | 2.6   | 121   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.208 | 4.5   | 120   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.551 | 3.6   | 116   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.938 | -2.3  | 124   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.557 | -8.9  | 150   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.873 | 2.8   | 116   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.947 | 2.6   | 120   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.896 | 2.8   | 122   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 126   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.077 | -2.7  | 127   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.731 | 0.7   | 122   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.913 | -11.1 | 138   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.720 | -1.8  | 124   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.278 | -0.7  | 129   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.740 | 4.1   | 120   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.678 | 3.3   | 122   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.874 | 2.8   | 121   | 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 | 41.508 | -3.8  | 119   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.192 | 4.5   | 120   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.873 | 5.3   | 119   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.966 | -4.9  | 117   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.392 | 1.5   | 124   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.296 | 1.8   | 120   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.637 | -4.1  | 132   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.487 | 3.8   | 121   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.077 | 2.3   | 116   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.423 | -8.6  | 130   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.826 | 5.4   | 122   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.923 | -4.8  | 130   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.256 | 4.4   | 120   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.091 | -0.2  | 125   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.666 | -1.7  | 127   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.397 | 4.0   | 123   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 130   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.734 | -6.8  | 132   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.002 | 5.0   | 120   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.949 | 0.1   | 127   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.866 | -4.7  | 128   | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.833 | 5.4   | 120   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.727 | -1.8  | 130   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.899 | 2.8   | 123   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.031 | 4.9   | 121   | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.682 | 5.8   | 120   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.058 | 4.9   | 120   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.015 | 2.5   | 121   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 118   | 0.00     |
| 77   | Benzydine                  | 40.000 | 32.401 | 19.0  | 95    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.050 | -0.1  | 118   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.750 | -4.7  | 127   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 38.725 | 3.2   | 113   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.606 | 1.0   | 117   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.815 | -2.0  | 115   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.095 | 2.3   | 114   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.315 | 1.7   | 115   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.171 | -2.9  | 120   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 135   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 48.815 | -22.0 | 157   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.655 | 3.4   | 128   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.850 | 7.9   | 113   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.193 | -0.5  | 133   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 48.954 | -22.4 | 160   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 49.097 | -22.7 | 157   | 0.00     |

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

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