

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083121\  
 Data File : BF125280.D  
 Acq On : 31 Aug 2021 9:11  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 31 10:38:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 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   | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.881 | 7.8   | 99    | 0.00     |
| 3    | Pyridine                    | 40.000 | 36.627 | 8.4   | 96    | 0.01     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 33.987 | 15.0  | 88    | 0.01     |
| 5 S  | 2-Fluorophenol              | 80.000 | 73.244 | 8.4   | 102   | 0.01     |
| 6    | Aniline                     | 40.000 | 35.763 | 10.6  | 95    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.438 | 9.5   | 99    | 0.01     |
| 8    | 2-Chlorophenol              | 40.000 | 36.649 | 8.4   | 99    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 31.898 | 20.3  | 91    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.388 | 4.0   | 104   | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 35.950 | 10.1  | 98    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 36.647 | 8.4   | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.678 | 8.3   | 102   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.392 | 9.0   | 102   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 35.645 | 10.9  | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.615 | 18.5  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 36.897 | 7.8   | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 36.694 | 8.3   | 100   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 34.567 | 13.6  | 91    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 34.323 | 14.2  | 93    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 22   | Acetophenone                | 40.000 | 35.251 | 11.9  | 94    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.738 | 4.1   | 98    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.418 | 6.5   | 95    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.022 | 9.9   | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.272 | -8.2  | 103   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 34.931 | 12.7  | 90    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.860 | 10.4  | 93    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.532 | 3.7   | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.513 | 6.2   | 99    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.108 | 9.7   | 97    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 28.935 | 27.7# | 62    | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 37.931 | 5.2   | 96    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.966 | 5.1   | 103   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.138 | 2.2   | 84    | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.866 | 2.8   | 95    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.330 | 6.7   | 96    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.329 | 6.7   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.372 | 4.1   | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 32.493 | 18.8  | 84    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.168 | -5.2  | 95    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.510 | 6.2   | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.807 | 3.0   | 95    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 72.129 | 9.8   | 100   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.014 | 10.0  | 95    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.548 | 8.6   | 95    | 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 | 39.537 | 1.2   | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 36.633 | 8.4   | 92    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.257 | 6.9   | 90    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.418 | 1.5   | 88    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.836 | 5.4   | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.038 | 2.4   | 86    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.527 | -6.3  | 84    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 36.515 | 8.7   | 93    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.739 | 13.2  | 74    | 0.02     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.165 | -5.4  | 90    | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.625 | 5.9   | 95    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.192 | 2.0   | 92    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 35.849 | 10.4  | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.814 | 5.5   | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.710 | -1.8  | 85    | 0.01     |
| 63   | Azobenzene                 | 40.000 | 35.233 | 11.9  | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 93    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.890 | -12.2 | 89    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.018 | 7.5   | 90    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.069 | 2.3   | 92    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.403 | -1.0  | 94    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.264 | 4.3   | 85    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 32.406 | 19.0  | 70    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.511 | 8.7   | 87    | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.633 | 5.9   | 89    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.635 | 8.4   | 83    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 34.780 | 13.0  | 79    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.413 | 9.0   | 82    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 95    | 0.00     |
| 77   | Benzydine                  | 40.000 | 34.442 | 13.9  | 75    | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.359 | 6.6   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.096 | 7.4   | 86    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 35.685 | 10.8  | 75    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.795 | 5.5   | 90    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.178 | 2.1   | 90    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.028 | 7.4   | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 34.273 | 14.3  | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 34.187 | 14.5  | 80    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 131   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.945 | -7.4  | 152   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.492 | 8.8   | 110   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 34.153 | 14.6  | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.869 | 5.3   | 119   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.458 | -6.1  | 148   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 44.499 | -11.2 | 159   | 0.02     |

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