

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121021\  
 Data File : BP008334.D  
 Acq On : 10 Dec 2021 11:04  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 11 03:56:22 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 03:53:01 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   | 61    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.407 | 1.5   | 65    | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.575 | -3.9  | 68    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 44.071 | -10.2 | 71    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.408 | -3.0  | 66    | 0.00     |
| 6    | Aniline                     | 40.000 | 41.237 | -3.1  | 67    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 84.251 | -5.3  | 68    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.483 | -1.2  | 66    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 42.032 | -5.1  | 63    | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.560 | -3.9  | 67    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.567 | -1.4  | 66    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.872 | 0.3   | 64    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.139 | -0.3  | 65    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.299 | 1.8   | 66    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.770 | -6.9  | 70    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.358 | -3.4  | 68    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.242 | -3.1  | 67    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.916 | -2.3  | 66    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.667 | -4.2  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.284 | -3.2  | 68    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 62    | 0.00     |
| 22   | Acetophenone                | 40.000 | 42.070 | -5.2  | 70    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 87.193 | -9.0  | 72    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.435 | -6.1  | 70    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.683 | -4.2  | 71    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.809 | -4.5  | 67    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.178 | -0.4  | 67    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.327 | -0.8  | 68    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.317 | -3.3  | 68    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.811 | -2.0  | 67    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.071 | -0.2  | 67    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.882 | 5.3   | 61    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.776 | 0.6   | 68    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.067 | -7.7  | 71    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.901 | -2.3  | 71    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.715 | -4.3  | 71    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.372 | 1.6   | 67    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.265 | 1.8   | 67    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 63    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.942 | -7.4  | 70    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 45.074 | -12.7 | 69    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 90.782 | -13.5 | 76    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.714 | -1.8  | 67    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.382 | -1.0  | 66    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.934 | -4.9  | 70    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.434 | -1.1  | 67    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.719 | -1.8  | 68    | 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 | 45.316 | -13.3 | 73    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.061 | -0.2  | 67    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.407 | -1.0  | 69    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.107 | -2.8  | 68    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.201 | -0.5  | 68    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.244 | -0.6  | 66    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 37.350 | 6.6   | 57    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.965 | 0.1   | 67    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.878 | 12.8  | 56    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.130 | -5.3  | 69    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.516 | 3.7   | 71    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.884 | -2.2  | 69    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.680 | -1.7  | 70    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.437 | 1.4   | 73    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.055 | 2.4   | 63    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.963 | -4.9  | 70    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 64    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.234 | -5.6  | 67    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.490 | -1.2  | 69    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.956 | -4.9  | 72    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 43.368 | -8.4  | 74    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.521 | 1.2   | 69    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 34.897 | 12.8  | 56    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.856 | 0.4   | 68    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.922 | 0.2   | 68    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.544 | 1.1   | 68    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.328 | 6.7   | 66    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.916 | 7.7   | 68    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 67    | 0.00     |
| 77   | Benzydine                  | 40.000 | 31.125 | 22.2  | 46    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.577 | 1.1   | 69    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 87.763 | -9.7  | 77    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.478 | 6.3   | 66    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.222 | -0.6  | 73    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.129 | 2.2   | 73    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.458 | -1.1  | 73    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 35.608 | 11.0  | 70    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.522 | 6.2   | 67    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 68    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.103 | -5.3  | 77    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.498 | 1.3   | 73    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.213 | -3.0  | 74    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.469 | -1.2  | 73    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.272 | -5.7  | 77    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.180 | -2.9  | 75    | 0.00     |

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

(#) = Out of Range

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