

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032521\  
 Data File : BP005051.D  
 Acq On : 25 Mar 2021 18:22  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 25 18:52:33 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 25 15:50:24 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   | 97    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.844 | 2.9   | 101   | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.910 | 2.7   | 89    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.510 | -1.3  | 97    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.926 | 1.3   | 97    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.033 | -0.1  | 96    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.663 | -0.8  | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.506 | 1.2   | 95    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 44.072 | -10.2 | 100   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.161 | 2.1   | 94    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.696 | 0.8   | 96    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.238 | 1.9   | 95    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.105 | 2.2   | 95    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.751 | 3.1   | 95    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.244 | -0.6  | 94    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.254 | 1.9   | 94    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.475 | -1.2  | 97    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.957 | 2.6   | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.234 | 1.9   | 92    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.011 | -0.0  | 94    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.045 | 2.4   | 94    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.996 | 0.0   | 96    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.954 | 2.6   | 95    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.247 | 1.9   | 93    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.269 | -3.2  | 97    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.195 | 2.0   | 94    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.862 | 0.3   | 93    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.916 | 0.2   | 94    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.853 | 0.4   | 96    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.463 | 1.3   | 96    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.868 | 0.3   | 91    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.255 | 1.9   | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.693 | 3.3   | 92    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.254 | 1.9   | 92    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.779 | 0.6   | 94    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.258 | 1.9   | 94    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.478 | 1.3   | 94    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.400 | 4.0   | 93    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.463 | 1.3   | 93    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.970 | 2.5   | 94    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.330 | 1.7   | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.217 | 4.5   | 92    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.859 | 3.9   | 94    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.980 | 5.1   | 93    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.079 | 4.8   | 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 | 38.769 | 3.1  | 91    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.640 | 3.4  | 94    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.834 | 5.4  | 94    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.354 | 4.1  | 92    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.010 | 5.0  | 93    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.259 | 1.9  | 91    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.237 | 4.4  | 90    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.105 | 4.7  | 94    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.528 | -1.3 | 93    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.958 | 0.1  | 94    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.272 | 4.3  | 93    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 37.967 | 5.1  | 91    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.704 | 3.2  | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.947 | 5.1  | 95    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.538 | -1.3 | 94    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.815 | 5.5  | 92    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 95    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.798 | -7.0 | 94    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.376 | -0.9 | 95    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.282 | -0.7 | 93    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.286 | -0.7 | 94    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.221 | -3.1 | 92    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.274 | -3.2 | 96    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.523 | 1.2  | 92    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.117 | -0.3 | 94    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.597 | -1.5 | 95    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.813 | -2.0 | 93    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.409 | 1.5  | 93    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 96    | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.107 | -7.8 | 88    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.316 | -0.8 | 94    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.970 | 1.3  | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.025 | -2.6 | 91    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.112 | -0.3 | 95    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.785 | -2.0 | 93    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.018 | 2.5  | 92    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.115 | -2.8 | 91    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.417 | -1.0 | 91    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 95    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.352 | -0.9 | 95    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.182 | 2.0  | 92    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.009 | -0.0 | 93    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.533 | 1.2  | 92    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.156 | -0.4 | 94    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.765 | 0.6  | 93    | 0.00     |

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

(#) = Out of Range

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