

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032322\  
 Data File : BP009508.D  
 Acq On : 23 Mar 2022 15:38  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 24 01:13:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 18:26:53 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   | 152   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 43.018 | -7.5  | 173   | 0.00     |
| 3    | Pyridine                    | 40.000 | 43.664 | -9.2  | 170   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 44.319 | -10.8 | 175   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.759 | -3.4  | 163   | 0.00     |
| 6    | Aniline                     | 40.000 | 40.651 | -1.6  | 160   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 81.027 | -1.3  | 161   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.627 | 0.9   | 157   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.528 | -3.8  | 167   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.642 | -1.6  | 161   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.091 | -2.7  | 163   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.409 | 1.5   | 157   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.227 | 1.9   | 156   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.890 | 2.8   | 155   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.872 | 5.3   | 149   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 43.696 | -9.2  | 174   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.203 | 2.0   | 156   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.996 | 2.5   | 155   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.373 | 1.6   | 157   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.437 | 1.4   | 156   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 150   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.112 | -0.3  | 155   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.832 | -1.0  | 155   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.699 | -1.7  | 157   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.948 | 0.1   | 155   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.712 | 0.7   | 151   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.827 | -2.1  | 156   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.982 | -2.5  | 157   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.896 | 0.3   | 152   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.979 | 2.6   | 149   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.468 | 1.3   | 153   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.139 | 2.2   | 146   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.283 | 1.8   | 151   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.237 | 6.9   | 143   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 34.267 | 14.3  | 137   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.857 | 7.9   | 144   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.522 | 3.7   | 151   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.919 | 5.2   | 148   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 140   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.114 | -0.3  | 143   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.259 | -0.6  | 151   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 63.428 | 20.7  | 114   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.252 | -0.6  | 142   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.514 | 1.2   | 140   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.326 | -0.4  | 143   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.643 | -1.6  | 145   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.388 | -1.0  | 144   | 0.00     |

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

|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 39.636 | 0.9  | 140   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.789 | 0.5  | 143   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 36.689 | 8.3  | 132   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 37.073 | 7.3  | 131   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.352 | 1.6  | 142   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 37.015 | 7.5  | 132   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 32.891 | 17.8 | 119   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.366 | 4.1  | 139   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.443 | 13.9 | 119   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 35.388 | 11.5 | 125   | 0.00     |
| 58   | Fluorene                   | 40.000 | 36.976 | 7.6  | 134   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 35.925 | 10.2 | 128   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 35.281 | 11.8 | 128   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.529 | 8.7  | 132   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 34.416 | 14.0 | 122   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.279 | 1.8  | 141   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 121   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.715 | 0.7  | 116   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.262 | -5.7 | 132   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.400 | 1.5  | 124   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.926 | 5.2  | 119   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.152 | 2.1  | 118   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.818 | 3.0  | 114   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.935 | 0.2  | 126   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.053 | -0.1 | 126   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.782 | 3.0  | 122   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.935 | 5.2  | 117   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.403 | 9.0  | 115   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 111   | 0.00     |
| 77   | Benzidine                  | 40.000 | 32.098 | 19.8 | 94    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.423 | -3.6 | 116   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 79.091 | 1.1  | 110   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.048 | -0.1 | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.950 | 0.1  | 114   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.474 | 3.8  | 110   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.341 | 1.6  | 112   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.881 | -2.2 | 115   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.398 | -3.5 | 118   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 113   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.362 | -0.9 | 116   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.886 | 2.8  | 113   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.428 | -1.1 | 116   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.950 | 0.1  | 116   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.216 | -0.5 | 116   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.693 | -1.7 | 117   | 0.01     |

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

(#) = Out of Range

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