

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120821\  
 Data File : BM033345.D  
 Acq On : 08 Dec 2021 15:19  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM120821

Quant Time: Dec 09 07:13:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM120821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 09 07:11:07 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  | 98    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.280 | 9.3  | 96    | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.208 | -3.0 | 98    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.235 | -0.6 | 96    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.203 | -1.5 | 98    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.322 | -0.8 | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.934 | 0.1  | 96    | 0.01     |
| 8    | 2-Chlorophenol              | 40.000 | 40.903 | -2.3 | 97    | 0.01     |
| 9    | Benzaldehyde                | 40.000 | 41.844 | -4.6 | 98    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.582 | -1.5 | 97    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.683 | 0.8  | 95    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.018 | -0.0 | 97    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.218 | -0.5 | 96    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.301 | -0.8 | 98    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.542 | -1.4 | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.530 | 3.7  | 94    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.333 | -0.8 | 97    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.953 | 0.1  | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.232 | 1.9  | 94    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.241 | -0.6 | 95    | 0.01     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 96    | 0.01     |
| 22   | Acetophenone                | 40.000 | 40.618 | -1.5 | 97    | 0.01     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.870 | -1.1 | 96    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.986 | 0.0  | 95    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.424 | -1.1 | 95    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.576 | -3.9 | 96    | 0.01     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.693 | -1.7 | 95    | 0.01     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.491 | 1.3  | 95    | 0.01     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.978 | -2.4 | 95    | 0.01     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.715 | 0.7  | 96    | 0.01     |
| 31   | Naphthalene                 | 40.000 | 39.791 | 0.5  | 95    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.426 | -3.6 | 95    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.096 | -2.7 | 97    | 0.01     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.699 | 0.8  | 96    | 0.01     |
| 35   | Caprolactam                 | 40.000 | 42.102 | -5.3 | 95    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.445 | -1.1 | 94    | 0.01     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.801 | 0.5  | 95    | 0.01     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.321 | 1.7  | 95    | 0.01     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 94    | 0.01     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.775 | 0.6  | 95    | 0.01     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.233 | -3.1 | 93    | 0.01     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 82.337 | -2.9 | 95    | 0.01     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.787 | -2.0 | 94    | 0.01     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.276 | -3.2 | 95    | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.874 | 1.4  | 95    | 0.01     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.542 | 1.1  | 94    | 0.01     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.636 | 0.9  | 94    | 0.01     |

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 ALS Vial : 9 Sample Multiplier: 1

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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 | 42.222 | -5.6  | 96    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.434 | -1.1  | 95    | 0.01     |
| 50   | Dimethylphthalate          | 40.000 | 40.269 | -0.7  | 95    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.954 | -2.4  | 95    | 0.01     |
| 52 C | Acenaphthene               | 40.000 | 39.730 | 0.7   | 95    | 0.01     |
| 53   | 3-Nitroaniline             | 40.000 | 43.161 | -7.9  | 97    | 0.01     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.255 | -8.1  | 97    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.056 | -0.1  | 95    | 0.01     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.910 | -14.8 | 98    | 0.01     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.244 | -8.1  | 96    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.935 | 0.2   | 95    | 0.01     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.528 | -3.8  | 97    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.222 | -3.1  | 98    | 0.01     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.037 | -0.1  | 96    | 0.01     |
| 62   | 4-Nitroaniline             | 40.000 | 43.725 | -9.3  | 95    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.828 | -2.1  | 95    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 97    | 0.01     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.805 | -12.0 | 101   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.827 | 0.4   | 96    | 0.01     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.066 | -0.2  | 97    | 0.01     |
| 68   | Hexachlorobenzene          | 40.000 | 39.769 | 0.6   | 97    | 0.01     |
| 69   | Atrazine                   | 40.000 | 43.046 | -7.6  | 98    | 0.01     |
| 70 C | Pentachlorophenol          | 40.000 | 43.046 | -7.6  | 96    | 0.01     |
| 71   | Phenanthrene               | 40.000 | 39.634 | 0.9   | 96    | 0.01     |
| 72   | Anthracene                 | 40.000 | 40.207 | -0.5  | 96    | 0.01     |
| 73   | Carbazole                  | 40.000 | 40.890 | -2.2  | 97    | 0.01     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.885 | -4.7  | 98    | 0.01     |
| 75 C | Fluoranthene               | 40.000 | 40.845 | -2.1  | 97    | 0.01     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 98    | 0.01     |
| 77   | Benzydine                  | 40.000 | 41.331 | -3.3  | 99    | 0.01     |
| 78   | Pyrene                     | 40.000 | 39.325 | 1.7   | 97    | 0.01     |
| 79 S | Terphenyl-d14              | 80.000 | 78.935 | 1.3   | 98    | 0.01     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.896 | -4.7  | 99    | 0.01     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.791 | 0.5   | 98    | 0.01     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.435 | 1.4   | 95    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.089 | 2.3   | 97    | 0.02     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.951 | -4.9  | 100   | 0.01     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.916 | -4.8  | 101   | 0.01     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.382 | -1.0  | 100   | 0.04     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.945 | 0.1   | 100   | 0.02     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.697 | 3.3   | 94    | 0.02     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.115 | -0.3  | 98    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.442 | -1.1  | 100   | 0.03     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.442 | -1.1  | 100   | 0.03     |

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