

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082521\  
 Data File : BM031891.D  
 Acq On : 25 Aug 2021 14:14  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM082521

Quant Time: Aug 25 15:26:22 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 25 14:16:52 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  | 104   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.724 | 0.7  | 104   | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.517 | 6.2  | 108   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.440 | 1.4  | 109   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.439 | 4.5  | 107   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.512 | 3.7  | 106   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.374 | 3.3  | 108   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.609 | 6.0  | 104   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 42.601 | -6.5 | 109   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.182 | 4.5  | 106   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.502 | 3.7  | 106   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.752 | 5.6  | 106   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.316 | 6.7  | 106   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.408 | 6.5  | 105   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.826 | 2.9  | 105   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.535 | 6.2  | 106   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.065 | 4.8  | 105   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.658 | 5.9  | 105   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.830 | 2.9  | 108   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.656 | 3.4  | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 104   | 0.00     |
| 22   | Acetophenone                | 40.000 | 36.944 | 7.6  | 104   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 74.280 | 7.1  | 104   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.705 | 8.2  | 106   | 0.00     |
| 25   | Isophorone                  | 40.000 | 37.221 | 6.9  | 105   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 38.863 | 2.8  | 107   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.072 | 7.3  | 103   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.341 | 6.6  | 105   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.827 | 5.4  | 105   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.549 | 6.1  | 107   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.862 | 7.8  | 106   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.829 | 2.9  | 100   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 37.878 | 5.3  | 104   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.349 | 9.1  | 104   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.391 | 1.5  | 104   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.375 | 4.1  | 106   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.034 | 4.9  | 107   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.202 | 7.0  | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 104   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.075 | 7.3  | 107   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.483 | 6.3  | 106   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.582 | 3.0  | 107   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.705 | 5.7  | 105   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.670 | 5.8  | 105   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 73.432 | 8.2  | 105   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.807 | 8.0  | 106   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.649 | 8.4  | 105   | 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 | 37.955 | 5.1  | 104   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 36.975 | 7.6  | 105   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.007 | 7.5  | 104   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.295 | 4.3  | 105   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.584 | 8.5  | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.527 | 3.7  | 103   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.530 | -3.8 | 107   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.112 | 7.2  | 105   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.182 | -3.0 | 106   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.256 | 1.9  | 106   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.585 | 6.0  | 105   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.372 | 4.1  | 107   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.179 | 7.1  | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.253 | 6.9  | 104   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.775 | -1.9 | 106   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.391 | 6.5  | 103   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.543 | 1.1  | 108   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 35.914 | 10.2 | 105   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 35.893 | 10.3 | 104   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.197 | 9.5  | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.919 | 5.2  | 106   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.619 | 3.5  | 104   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.641 | 8.4  | 105   | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.931 | 7.7  | 105   | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.540 | 6.2  | 105   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.802 | 3.0  | 105   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.853 | 2.9  | 106   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 110   | 0.00     |
| 77   | Benzydine                  | 40.000 | 41.386 | -3.5 | 108   | 0.00     |
| 78   | Pyrene                     | 40.000 | 35.326 | 11.7 | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 72.528 | 9.3  | 107   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.918 | 5.2  | 107   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.261 | 6.8  | 111   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.770 | 3.1  | 113   | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.218 | 7.0  | 111   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.008 | -0.0 | 110   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.372 | 1.6  | 113   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 113   | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 35.447 | 11.4 | 117   | 0.01     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.025 | 2.4  | 116   | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.805 | 3.0  | 116   | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.849 | 5.4  | 116   | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 35.403 | 11.5 | 117   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 34.421 | 13.9 | 115   | 0.02     |

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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