

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM123124\  
 Data File : BM049310.D  
 Acq On : 31 Dec 2024 18:27  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM123124

Quant Time: Dec 31 23:08:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM123124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 23:06:33 2024  
 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  | 111   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.703 | 3.2  | 112   | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.698 | 3.3  | 107   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.634 | 3.4  | 107   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.870 | 0.2  | 112   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.617 | 1.0  | 110   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.448 | -0.6 | 109   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.724 | 0.7  | 110   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 38.539 | 3.7  | 119   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.513 | 1.2  | 109   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.723 | 0.7  | 111   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.578 | 1.1  | 112   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.592 | 1.0  | 111   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.838 | 0.4  | 111   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.588 | -1.5 | 109   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.686 | 0.8  | 111   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.388 | -1.0 | 110   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.859 | 0.4  | 111   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.589 | -4.0 | 109   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.646 | -1.6 | 109   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 110   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.478 | 1.3  | 109   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.831 | 0.2  | 109   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.464 | 1.3  | 110   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.454 | -1.1 | 110   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.841 | -4.6 | 112   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.552 | -1.4 | 111   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.553 | 1.1  | 110   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.927 | -2.3 | 111   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.268 | 1.8  | 110   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.947 | 2.6  | 109   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.731 | -1.8 | 112   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.524 | -1.3 | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.211 | 2.0  | 111   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.438 | -3.6 | 110   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.603 | -1.5 | 109   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.186 | -0.5 | 111   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.977 | 0.1  | 110   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 108   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.753 | 0.6  | 112   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.833 | 0.4  | 108   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.560 | -2.0 | 108   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.525 | -1.3 | 110   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.416 | -1.0 | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.975 | 0.0  | 108   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.869 | 0.3  | 109   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.654 | 0.9  | 108   | 0.00     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 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) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.984 | -5.0   | 109   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.992 | 0.0    | 109   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.553 | 1.1    | 108   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.047 | -2.6   | 110   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.839 | 0.4    | 108   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.492 | -3.7   | 109   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 40.932 | -2.3   | 109   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.517 | 1.2    | 108   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.005 | -7.5   | 109   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.118 | -5.3   | 109   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.295 | -0.7   | 108   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.260 | -0.6   | 110   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.980 | 0.1    | 108   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.289 | -0.7   | 108   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.937 | -7.3   | 108   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.108 | -0.3   | 107   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 108   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.736 | -1.8   | 109   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.554 | -1.4   | 109   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.179 | -0.4   | 109   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.992 | 0.0    | 109   | 0.00     |
| 69   | Atrazine                   | 40.000 | 35.183 | 12.0   | 109   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.804 | -4.5   | 110   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.868 | 0.3    | 108   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.472 | -1.2   | 108   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.593 | -1.5   | 108   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.648 | -4.1   | 109   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.413 | -1.0   | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 108   | 0.00     |
| 77   | Benzydine                  | 40.000 | 50.108 | -25.3# | 100   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.759 | 0.6    | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.976 | -2.5   | 106   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.187 | -5.5   | 109   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.057 | -0.1   | 108   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.049 | -5.1   | 108   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.428 | 1.4    | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.521 | -6.3   | 109   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.941 | -4.9   | 110   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.642 | -1.6   | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.450 | 1.4    | 105   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.355 | -0.9   | 110   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.810 | 0.5    | 106   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.670 | -1.7   | 110   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.922 | 0.2    | 108   | 0.00     |

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

(#) = Out of Range

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