

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082521\  
 Data File : BM031900.D  
 Acq On : 25 Aug 2021 21:53  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 26 02:54:36 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                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 85    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.493 | 0.413 | 16.2 | 82    | 0.00     |
| 3    | Pyridine                    | 1.231 | 1.191 | 3.2  | 92    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.836 | 0.872 | -4.3 | 95    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.210 | 1.086 | 10.2 | 83    | 0.00     |
| 6    | Aniline                     | 1.818 | 1.657 | 8.9  | 82    | 0.00     |
| 7 S  | Phenol-d6                   | 1.712 | 1.566 | 8.5  | 83    | 0.00     |
| 8    | 2-Chlorophenol              | 1.408 | 1.305 | 7.3  | 84    | 0.00     |
| 9    | Benzaldehyde                | 1.135 | 0.949 | 16.4 | 84    | 0.00     |
| 10 C | Phenol                      | 1.693 | 1.539 | 9.1  | 83    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.235 | 1.125 | 8.9  | 82    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.556 | 1.441 | 7.4  | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.594 | 1.469 | 7.8  | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.552 | 1.445 | 6.9  | 86    | 0.00     |
| 15   | Benzyl Alcohol              | 1.460 | 1.454 | 0.4  | 88    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.657 | 1.503 | 9.3  | 84    | 0.00     |
| 17   | 2-Methylphenol              | 1.208 | 1.139 | 5.7  | 85    | 0.00     |
| 18   | Hexachloroethane            | 0.660 | 0.644 | 2.4  | 89    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.319 | 1.264 | 4.2  | 87    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.661 | 1.611 | 3.0  | 86    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 89    | 0.00     |
| 22   | Acetophenone                | 0.544 | 0.489 | 10.1 | 87    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.462 | 0.425 | 8.0  | 88    | 0.00     |
| 24   | Nitrobenzene                | 0.468 | 0.424 | 9.4  | 90    | 0.00     |
| 25   | Isophorone                  | 0.797 | 0.725 | 9.0  | 88    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.187 | 0.173 | 7.5  | 87    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.257 | 8.9  | 87    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.389 | 0.351 | 9.8  | 87    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.331 | 0.315 | 4.8  | 90    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.363 | 0.339 | 6.6  | 91    | 0.00     |
| 31   | Naphthalene                 | 1.118 | 1.039 | 7.1  | 91    | 0.00     |
| 32   | Benzoic acid                | 0.240 | 0.234 | 2.5  | 87    | 0.01     |
| 33   | 4-Chloroaniline             | 0.447 | 0.430 | 3.8  | 91    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.240 | 0.223 | 7.1  | 91    | 0.00     |
| 35   | Caprolactam                 | 0.101 | 0.104 | -3.0 | 93    | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 0.392 | 0.386 | 1.5  | 93    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.832 | 0.809 | 2.8  | 94    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.787 | 0.771 | 2.0  | 94    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 98    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.586 | 0.503 | 14.2 | 94    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.286 | 0.248 | 13.3 | 93    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.236 | 0.238 | -0.8 | 106   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.421 | 0.374 | 11.2 | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.455 | 0.406 | 10.8 | 94    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.516 | 1.352 | 10.8 | 97    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.548 | 1.358 | 12.3 | 96    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.219 | 1.067 | 12.5 | 96    | 0.00     |

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|      | Compound                   | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|----------------------------|-------|-------|------|-------|----------|
| 48   | 2-Nitroaniline             | 0.424 | 0.416 | 1.9  | 102   | 0.00     |
| 49   | Acenaphthylene             | 1.960 | 1.791 | 8.6  | 98    | 0.00     |
| 50   | Dimethylphthalate          | 1.585 | 1.454 | 8.3  | 98    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.349 | 0.329 | 5.7  | 98    | 0.00     |
| 52 C | Acenaphthene               | 1.194 | 1.097 | 8.1  | 99    | 0.00     |
| 53   | 3-Nitroaniline             | 0.340 | 0.329 | 3.2  | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.198 | 0.208 | -5.1 | 103   | 0.00     |
| 55   | Dibenzofuran               | 2.010 | 1.886 | 6.2  | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.268 | 0.279 | -4.1 | 102   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.497 | 0.496 | 0.2  | 102   | 0.00     |
| 58   | Fluorene                   | 1.648 | 1.606 | 2.5  | 103   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.397 | 0.391 | 1.5  | 104   | 0.00     |
| 60   | Diethylphthalate           | 1.730 | 1.676 | 3.1  | 103   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.818 | 0.789 | 3.5  | 102   | 0.00     |
| 62   | 4-Nitroaniline             | 0.328 | 0.344 | -4.9 | 104   | 0.00     |
| 63   | Azobenzene                 | 1.908 | 1.901 | 0.4  | 104   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 107   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.138 | 0.130 | 5.8  | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.667 | 0.585 | 12.3 | 105   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.223 | 0.195 | 12.6 | 104   | 0.00     |
| 68   | Hexachlorobenzene          | 0.236 | 0.209 | 11.4 | 106   | 0.00     |
| 69   | Atrazine                   | 0.225 | 0.212 | 5.8  | 107   | 0.00     |
| 70 C | Pentachlorophenol          | 0.148 | 0.143 | 3.4  | 107   | 0.00     |
| 71   | Phenanthrene               | 1.178 | 1.091 | 7.4  | 108   | 0.00     |
| 72   | Anthracene                 | 1.152 | 1.059 | 8.1  | 107   | 0.00     |
| 73   | Carbazole                  | 1.088 | 1.048 | 3.7  | 110   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.365 | 1.328 | 2.7  | 108   | 0.00     |
| 75 C | Fluoranthene               | 1.286 | 1.292 | -0.5 | 112   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 124   | 0.00     |
| 77   | Benzydine                  | 0.523 | 0.511 | 2.3  | 115   | 0.00     |
| 78   | Pyrene                     | 1.673 | 1.395 | 16.6 | 113   | 0.00     |
| 79 S | Terphenyl-d14              | 1.386 | 1.196 | 13.7 | 114   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.719 | 0.658 | 8.5  | 116   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.439 | 1.333 | 7.4  | 124   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.414 | 0.408 | 1.4  | 129   | 0.00     |
| 83   | Chrysene                   | 1.387 | 1.271 | 8.4  | 123   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 1.035 | 0.995 | 3.9  | 119   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.560 | 1.530 | 1.9  | 127   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 129   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.384 | 1.163 | 16.0 | 128   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.514 | 1.490 | 1.6  | 134   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.435 | 1.324 | 7.7  | 127   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.312 | 1.224 | 6.7  | 131   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.199 | 1.013 | 15.5 | 128   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.133 | 0.931 | 17.8 | 126   | 0.00     |

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