

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011922\  
 Data File : BP008846.D  
 Acq On : 19 Jan 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 19 13:06:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 14 18:05:00 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                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.523 | 0.522 | 0.2  | 108   | 0.00     |
| 3    | Pyridine                    | 1.096 | 1.147 | -4.7 | 106   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.514 | 0.543 | -5.6 | 107   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.293 | 1.314 | -1.6 | 105   | 0.00     |
| 6    | Aniline                     | 1.955 | 1.978 | -1.2 | 102   | 0.00     |
| 7 S  | Phenol-d6                   | 1.566 | 1.601 | -2.2 | 103   | 0.00     |
| 8    | 2-Chlorophenol              | 1.377 | 1.404 | -2.0 | 104   | 0.00     |
| 9    | Benzaldehyde                | 1.047 | 1.001 | 4.4  | 98    | 0.00     |
| 10 C | Phenol                      | 1.597 | 1.623 | -1.6 | 103   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.270 | 1.295 | -2.0 | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.640 | 1.647 | -0.4 | 103   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.662 | 1.669 | -0.4 | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.585 | 1.585 | 0.0  | 103   | 0.00     |
| 15   | Benzyl Alcohol              | 1.099 | 1.115 | -1.5 | 101   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.421 | 1.458 | -2.6 | 103   | 0.00     |
| 17   | 2-Methylphenol              | 1.070 | 1.077 | -0.7 | 101   | 0.00     |
| 18   | Hexachloroethane            | 0.564 | 0.576 | -2.1 | 104   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.915 | 0.937 | -2.4 | 100   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.420 | 1.433 | -0.9 | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 89    | 0.00     |
| 22   | Acetophenone                | 0.509 | 0.519 | -2.0 | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.352 | 0.367 | -4.3 | 102   | 0.00     |
| 24   | Nitrobenzene                | 0.356 | 0.372 | -4.5 | 102   | 0.00     |
| 25   | Isophorone                  | 0.637 | 0.657 | -3.1 | 100   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.187 | 0.194 | -3.7 | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.319 | 0.327 | -2.5 | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.415 | 0.424 | -2.2 | 100   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.348 | 0.357 | -2.6 | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.408 | 0.412 | -1.0 | 101   | 0.00     |
| 31   | Naphthalene                 | 1.086 | 1.090 | -0.4 | 100   | 0.00     |
| 32   | Benzoic acid                | 0.183 | 0.188 | -2.7 | 94    | -0.01    |
| 33   | 4-Chloroaniline             | 0.443 | 0.448 | -1.1 | 98    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.255 | 0.256 | -0.4 | 100   | 0.00     |
| 35   | Caprolactam                 | 0.096 | 0.098 | -2.1 | 98    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.314 | 0.320 | -1.9 | 98    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.794 | 0.810 | -2.0 | 100   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.729 | 0.740 | -1.5 | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 88    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.729 | 0.734 | -0.7 | 100   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.373 | 0.381 | -2.1 | 93    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.291 | 0.298 | -2.4 | 100   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.451 | 0.458 | -1.6 | 98    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.485 | 0.495 | -2.1 | 99    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.517 | 1.518 | -0.1 | 100   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.627 | 1.635 | -0.5 | 100   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.255 | 1.270 | -1.2 | 100   | 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.279 | 0.289 | -3.6  | 100   | 0.00     |
| 49   | Acenaphthylene             | 1.896 | 1.922 | -1.4  | 100   | 0.00     |
| 50   | Dimethylphthalate          | 1.485 | 1.500 | -1.0  | 100   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.315 | 0.329 | -4.4  | 101   | 0.00     |
| 52 C | Acenaphthene               | 1.124 | 1.145 | -1.9  | 101   | 0.00     |
| 53   | 3-Nitroaniline             | 0.310 | 0.321 | -3.5  | 100   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.127 | 0.141 | -11.0 | 104   | 0.00     |
| 55   | Dibenzofuran               | 1.832 | 1.856 | -1.3  | 100   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.223 | 0.236 | -5.8  | 100   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.405 | 0.431 | -6.4  | 101   | 0.00     |
| 58   | Fluorene                   | 1.447 | 1.480 | -2.3  | 101   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.400 | 0.412 | -3.0  | 100   | 0.00     |
| 60   | Diethylphthalate           | 1.409 | 1.462 | -3.8  | 102   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.788 | 0.811 | -2.9  | 101   | 0.00     |
| 62   | 4-Nitroaniline             | 0.300 | 0.317 | -5.7  | 102   | 0.00     |
| 63   | Azobenzene                 | 1.170 | 1.238 | -5.8  | 102   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 92    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.100 | 0.112 | -12.0 | 107   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.644 | 0.648 | -0.6  | 102   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.250 | 0.252 | -0.8  | 101   | 0.00     |
| 68   | Hexachlorobenzene          | 0.286 | 0.282 | 1.4   | 101   | 0.00     |
| 69   | Atrazine                   | 0.239 | 0.247 | -3.3  | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 0.152 | 0.158 | -3.9  | 104   | 0.00     |
| 71   | Phenanthrene               | 1.126 | 1.129 | -0.3  | 103   | 0.00     |
| 72   | Anthracene                 | 1.130 | 1.164 | -3.0  | 105   | 0.00     |
| 73   | Carbazole                  | 0.971 | 1.004 | -3.4  | 107   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.169 | 1.241 | -6.2  | 107   | 0.00     |
| 75 C | Fluoranthene               | 1.252 | 1.307 | -4.4  | 110   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 77   | Benzydine                  | 0.707 | 0.767 | -8.5  | 112   | 0.00     |
| 78   | Pyrene                     | 1.396 | 1.391 | 0.4   | 111   | 0.00     |
| 79 S | Terphenyl-d14              | 1.185 | 1.157 | 2.4   | 109   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.561 | 0.557 | 0.7   | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.346 | 1.355 | -0.7  | 117   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.581 | 0.603 | -3.8  | 119   | 0.00     |
| 83   | Chrysene                   | 1.304 | 1.309 | -0.4  | 117   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.869 | 0.879 | -1.2  | 113   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.470 | 1.482 | -0.8  | 124   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.648 | 1.706 | -3.5  | 126   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 1.336 | 1.385 | -3.7  | 127   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.293 | 1.322 | -2.2  | 128   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.289 | 1.347 | -4.5  | 128   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.401 | 1.445 | -3.1  | 125   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.368 | 1.393 | -1.8  | 123   | -0.01    |

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|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

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