

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050521\  
 Data File : BP005444.D  
 Acq On : 05 May 2021 18:43  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP050521

Quant Time: May 05 19:14:17 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 05 19:00:25 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  | 90    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.459 | 0.440 | 4.1  | 97    | 0.00     |
| 3    | Pyridine                    | 0.923 | 0.981 | -6.3 | 95    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.742 | 0.679 | 8.5  | 81    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.042 | 1.010 | 3.1  | 91    | 0.00     |
| 6    | Aniline                     | 1.403 | 1.344 | 4.2  | 89    | 0.00     |
| 7 S  | Phenol-d6                   | 1.299 | 1.314 | -1.2 | 90    | 0.00     |
| 8    | 2-Chlorophenol              | 1.119 | 1.120 | -0.1 | 91    | 0.00     |
| 9    | Benzaldehyde                | 0.750 | 0.706 | 5.9  | 93    | 0.00     |
| 10 C | Phenol                      | 1.300 | 1.243 | 4.4  | 88    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 0.898 | 0.840 | 6.5  | 89    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.489 | 1.408 | 5.4  | 93    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.484 | 1.411 | 4.9  | 90    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.423 | 1.429 | -0.4 | 94    | 0.00     |
| 15   | Benzyl Alcohol              | 1.254 | 1.209 | 3.6  | 86    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 0.443 | 0.429 | 3.2  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 0.893 | 0.860 | 3.7  | 88    | 0.00     |
| 18   | Hexachloroethane            | 0.615 | 0.582 | 5.4  | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.952 | 0.944 | 0.8  | 89    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.187 | 1.172 | 1.3  | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 92    | 0.00     |
| 22   | Acetophenone                | 0.564 | 0.545 | 3.4  | 90    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.508 | 0.481 | 5.3  | 88    | 0.00     |
| 24   | Nitrobenzene                | 0.510 | 0.477 | 6.5  | 88    | 0.00     |
| 25   | Isophorone                  | 0.787 | 0.735 | 6.6  | 87    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.213 | 0.200 | 6.1  | 91    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.283 | 0.279 | 1.4  | 93    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.329 | 0.305 | 7.3  | 87    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.444 | 0.437 | 1.6  | 92    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.567 | 0.554 | 2.3  | 92    | 0.00     |
| 31   | Naphthalene                 | 1.075 | 1.045 | 2.8  | 91    | 0.00     |
| 32   | Benzoic acid                | 0.218 | 0.218 | 0.0  | 90    | -0.02    |
| 33   | 4-Chloroaniline             | 0.419 | 0.425 | -1.4 | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.473 | 0.485 | -2.5 | 99    | 0.00     |
| 35   | Caprolactam                 | 0.102 | 0.101 | 1.0  | 89    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.396 | 0.383 | 3.3  | 90    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.863 | 0.859 | 0.5  | 94    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.814 | 0.791 | 2.8  | 90    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 92    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.919 | 0.886 | 3.6  | 98    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.313 | 0.327 | -4.5 | 96    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.568 | 0.596 | -4.9 | 103   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.574 | 0.568 | 1.0  | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.620 | 0.608 | 1.9  | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.773 | 1.697 | 4.3  | 93    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.540 | 1.474 | 4.3  | 93    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.282 | 1.230 | 4.1  | 94    | 0.00     |

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 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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Quant Time: May 05 19:14:17 2021  
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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             | 0.364 | 0.343 | 5.8  | 87    | 0.00     |
| 49   | Acenaphthylene             | 1.847 | 1.783 | 3.5  | 93    | 0.00     |
| 50   | Dimethylphthalate          | 1.726 | 1.649 | 4.5  | 94    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.388 | 0.379 | 2.3  | 95    | 0.00     |
| 52 C | Acenaphthene               | 1.149 | 1.103 | 4.0  | 93    | 0.00     |
| 53   | 3-Nitroaniline             | 0.278 | 0.283 | -1.8 | 93    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.234 | 0.257 | -9.8 | 96    | 0.00     |
| 55   | Dibenzofuran               | 2.162 | 2.059 | 4.8  | 93    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.210 | 0.208 | 1.0  | 89    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.572 | 0.561 | 1.9  | 97    | 0.00     |
| 58   | Fluorene                   | 1.765 | 1.724 | 2.3  | 92    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.619 | 0.618 | 0.2  | 96    | 0.00     |
| 60   | Diethylphthalate           | 1.672 | 1.640 | 1.9  | 95    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 1.105 | 1.098 | 0.6  | 98    | 0.00     |
| 62   | 4-Nitroaniline             | 0.267 | 0.272 | -1.9 | 96    | 0.00     |
| 63   | Azobenzene                 | 1.724 | 1.624 | 5.8  | 89    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.158 | 0.158 | 0.0  | 96    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.584 | 0.543 | 7.0  | 92    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.312 | 0.302 | 3.2  | 102   | 0.00     |
| 68   | Hexachlorobenzene          | 0.396 | 0.385 | 2.8  | 104   | 0.00     |
| 69   | Atrazine                   | 0.273 | 0.255 | 6.6  | 97    | 0.00     |
| 70 C | Pentachlorophenol          | 0.210 | 0.206 | 1.9  | 100   | 0.00     |
| 71   | Phenanthrene               | 1.136 | 1.063 | 6.4  | 94    | 0.00     |
| 72   | Anthracene                 | 1.128 | 1.055 | 6.5  | 95    | 0.00     |
| 73   | Carbazole                  | 0.993 | 0.939 | 5.4  | 95    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.090 | 1.008 | 7.5  | 94    | 0.00     |
| 75 C | Fluoranthene               | 1.563 | 1.485 | 5.0  | 97    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 98    | 0.00     |
| 77   | Benzydine                  | 0.310 | 0.317 | -2.3 | 94    | 0.00     |
| 78   | Pyrene                     | 1.132 | 1.079 | 4.7  | 99    | 0.00     |
| 79 S | Terphenyl-d14              | 1.178 | 1.136 | 3.6  | 97    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.366 | 0.340 | 7.1  | 94    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.296 | 1.242 | 4.2  | 99    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.488 | 0.474 | 2.9  | 101   | 0.00     |
| 83   | Chrysene                   | 1.256 | 1.205 | 4.1  | 98    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.559 | 0.516 | 7.7  | 91    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 0.940 | 0.881 | 6.3  | 94    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 103   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.683 | 1.629 | 3.2  | 104   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.333 | 1.305 | 2.1  | 100   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.303 | 1.213 | 6.9  | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.222 | 1.162 | 4.9  | 101   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.485 | 1.428 | 3.8  | 102   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.374 | 1.330 | 3.2  | 102   | -0.02    |

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| Compound | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

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