

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061516\  
 Data File : BE091919.D  
 Acq On : 15 Jun 2016 11:23  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 15 14:21:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 15 12:00:38 2016  
 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   | 77    | 0.00     |
| 2    | 1,4-Dioxane                | 0.705 | 0.671 | 4.8   | 71    | 0.00     |
| 3    | n-Nitrosodimethylamine     | 0.802 | 0.666 | 17.0  | 64    | 0.04     |
| 4 S  | 2-Fluorophenol             | 0.977 | 0.922 | 5.6   | 74    | 0.02     |
| 5 S  | Phenol-d6                  | 1.267 | 1.190 | 6.1   | 76    | 0.02     |
| 6    | bis(2-Chloroethyl)ether    | 1.431 | 1.240 | 13.3  | 67    | 0.02     |
| 7    | n-Nitroso-di-n-propylamine | 1.137 | 1.028 | 9.6   | 71    | 0.02     |
| 8 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 80    | 0.03     |
| 9 S  | Nitrobenzene-d5            | 0.345 | 0.325 | 5.8   | 75    | 0.02     |
| 10   | Nitrobenzene               | 0.343 | 0.304 | 11.4  | 70    | 0.02     |
| 11   | bis(2-Chloroethoxy)methane | 0.438 | 0.386 | 11.9  | 65    | 0.03     |
| 12   | Naphthalene                | 1.092 | 1.078 | 1.3   | 74    | 0.00     |
| 13   | Hexachlorobutadiene        | 0.177 | 0.171 | 3.4   | 72    | 0.00     |
| 14   | 2-Methylnaphthalene        | 0.741 | 0.710 | 4.2   | 74    | 0.01     |
| 15 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 81    | 0.00     |
| 16 S | 2,4,6-Tribromophenol       | 0.102 | 0.089 | 12.7  | 74    | 0.02     |
| 17 S | 2-Fluorobiphenyl           | 1.269 | 1.272 | -0.2  | 75    | 0.00     |
| 18   | Acenaphthylene             | 5.075 | 4.479 | 11.7  | 72    | 0.03     |
| 19   | 2,6-Dinitrotoluene         | 0.811 | 0.641 | 21.0  | 90    | 0.00     |
| 20   | Acenaphthene               | 1.398 | 1.305 | 6.7   | 75    | 0.00     |
| 21   | 2,4-Dinitrotoluene         | 0.758 | 0.647 | 14.6  | 73    | 0.03     |
| 22   | Fluorene                   | 1.391 | 1.310 | 5.8   | 75    | 0.02     |
| 23   | 4-Chlorophenyl-phenylether | 0.685 | 0.657 | 4.1   | 73    | 0.02     |
| 24 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 81    | 0.00     |
| 25   | 4-Bromophenyl-phenylether  | 0.193 | 0.180 | 6.7   | 74    | 0.02     |
| 26   | Hexachlorobenzene          | 0.198 | 0.187 | 5.6   | 73    | 0.00     |
| 27   | Pentachlorophenol          | 0.054 | 0.037 | 31.5# | 70    | 0.02     |
| 28   | Phenanthrene               | 1.250 | 1.209 | 3.3   | 75    | 0.00     |
| 29   | Anthracene                 | 1.106 | 1.009 | 8.8   | 75    | 0.00     |
| 30   | Fluoranthene               | 5.354 | 5.032 | 6.0   | 75    | 0.00     |
| 31 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 32   | Benzidine                  | 0.170 | 0.140 | 17.6  | 98    | 0.00     |
| 33   | Pyrene                     | 3.401 | 2.892 | 15.0  | 74    | 0.00     |
| 34 S | Terphenyl-d14              | 0.612 | 0.518 | 15.4  | 70    | 0.00     |
| 35   | Benzo(a)anthracene         | 0.786 | 0.751 | 4.5   | 83    | 0.00     |
| 36   | 3,3'-Dichlorobenzidine     | 0.127 | 0.103 | 18.9  | 83    | 0.03     |
| 37   | Chrysene                   | 1.147 | 1.178 | -2.7  | 78    | 0.00     |
| 38   | Bis(2-ethylhexyl)phthalate | 0.580 | 0.507 | 12.6  | 85    | -0.03    |
| 39   | Indeno(1,2,3-cd)pyrene     | 3.925 | 3.455 | 12.0  | 76    | 0.00     |
| 40 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 82    | 0.00     |
| 41   | Benzo(b)fluoranthene       | 1.284 | 1.109 | 13.6  | 69    | -0.01    |

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|------|------------------------|-------|-------|------|-------|----------|
| 42   | Benzo(k)fluoranthene   | 1.175 | 1.184 | -0.8 | 83    | 0.00     |
| 43 C | Benzo(a)pyrene         | 1.122 | 1.046 | 6.8  | 77    | 0.00     |
| 44   | Dibenzo(a,h)anthracene | 1.092 | 0.996 | 8.8  | 75    | -0.02    |
| 45   | Benzo(g,h,i)perylene   | 4.507 | 4.129 | 8.4  | 75    | 0.00     |

(#) = Out of Range

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