

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062920\  
 Data File : BN011071.D  
 Acq On : 29 Jun 2020 17:32  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 29 18:04:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 26 11:59:47 2020  
 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                   | AvqRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|----------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 2       | 1,4-Dioxane                | 0.538 | 0.451 | 16.2   | 78    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.300 | 0.277 | 7.7    | 87    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.127 | 1.040 | 7.7    | 87    | 0.00     |
| 5 S     | Phenol-d6                  | 1.335 | 1.076 | 19.4   | 75    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.153 | 1.083 | 6.1    | 87    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 102   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.364 | 0.318 | 12.6   | 78    | 0.00     |
| 9       | Naphthalene                | 1.215 | 1.051 | 13.5   | 90    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.293 | 0.253 | 13.7   | 85    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.706 | 0.630 | 10.8   | 86    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.814 | 0.695 | 14.6   | 82    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 106   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.176 | 0.136 | 22.7   | 82    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.866 | 1.633 | 12.5   | 89    | 0.00     |
| 16      | Acenaphthylene             | 2.016 | 1.689 | 16.2   | 90    | 0.00     |
| 17      | Acenaphthene               | 1.354 | 1.139 | 15.9   | 88    | -0.01    |
| 18      | Fluorene                   | 1.727 | 1.407 | 18.5   | 85    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 105   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.067 | 0.040 | 40.3#  | 68    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.277 | 0.231 | 16.6   | 85    | 0.00     |
| 22      | Hexachlorobenzene          | 0.306 | 0.256 | 16.3   | 84    | 0.00     |
| 23      | Atrazine                   | 0.204 | 0.000 | 100.0# | 0#    | -16.39#  |
| 24      | Pentachlorophenol          | 0.097 | 0.070 | 27.8#  | 76    | -0.01    |
| 25      | Phenanthrene               | 1.348 | 1.099 | 18.5   | 83    | 0.00     |
| 26      | Anthracene                 | 1.119 | 0.922 | 17.6   | 86    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.265 | 1.099 | 13.1   | 91    | 0.00     |
| 28      | Fluoranthene               | 1.541 | 1.234 | 19.9   | 81    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 97    | -0.01    |
| 30      | Pyrene                     | 1.539 | 1.376 | 10.6   | 86    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.074 | 0.965 | 10.1   | 85    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.386 | 1.171 | 15.5   | 80    | -0.01    |
| 33      | Chrysene                   | 1.511 | 1.426 | 5.6    | 91    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.557 | 0.537 | 3.6    | 92    | -0.01    |
| 35      | Indeno(1,2,3-cd)pyrene     | 1.680 | 1.776 | -5.7   | 97    | 0.00     |
| 36 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 94    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.582 | 1.275 | 19.4   | 85    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.645 | 1.418 | 13.8   | 94    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.405 | 1.146 | 18.4   | 75    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.515 | 1.335 | 11.9   | 93    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.569 | 1.383 | 11.9   | 97    | -0.01    |

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

(#) = Out of Range

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