

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\  
 Data File : BE099946.D  
 Acq On : 12 Jun 2019 8:32  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 13 04:24:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 14:57:20 2019  
 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    | 127   | -0.01    |
| 2       | 1,4-Dioxane                | 0.592 | 0.625 | -5.6   | 142   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.341 | 0.218 | 36.1#  | 80    | 0.03     |
| 4 S     | 2-Fluorophenol             | 1.080 | 0.908 | 15.9   | 107   | 0.00     |
| 5 S     | Phenol-d6                  | 1.391 | 1.268 | 8.8    | 124   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.136 | 1.088 | 4.2    | 128   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 127   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.379 | 0.353 | 6.9    | 126   | -0.01    |
| 9       | Naphthalene                | 4.318 | 4.430 | -2.6   | 132   | -0.03    |
| 10      | Hexachlorobutadiene        | 0.329 | 0.370 | -12.5  | 140   | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.698 | 0.721 | -3.3   | 134   | -0.03    |
| 12      | 2-Methylnaphthalene        | 0.702 | 0.708 | -0.9   | 130   | -0.01    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 123   | -0.03    |
| 14 S    | 2,4,6-Tribromophenol       | 0.296 | 0.188 | 36.5#  | 87    | -0.03    |
| 15 S    | 2-Fluorobiphenyl           | 1.517 | 1.559 | -2.8   | 134   | -0.03    |
| 16      | Acenaphthylene             | 1.990 | 2.014 | -1.2   | 129   | -0.03    |
| 17      | Acenaphthene               | 1.084 | 1.114 | -2.8   | 132   | -0.03    |
| 18      | Fluorene                   | 1.627 | 1.653 | -1.6   | 132   | -0.03    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 119   | -0.03    |
| 20      | 4-Bromophenyl-phenylether  | 0.227 | 0.235 | -3.5   | 134   | -0.03    |
| 21      | Hexachlorobenzene          | 0.232 | 0.244 | -5.2   | 132   | -0.04    |
| 22      | Pentachlorophenol          | 0.073 | 0.013 | 82.2#  | 25#   | 0.03     |
| 23      | Phenanthrene               | 0.971 | 0.941 | 3.1    | 123   | -0.03    |
| 24      | Anthracene                 | 0.890 | 0.780 | 12.4   | 110   | -0.03    |
| 25 SURR | Fluoranthene-d10           | 5.828 | 5.073 | 13.0   | 106   | -0.04    |
| 26      | Fluoranthene               | 1.650 | 1.450 | 12.1   | 106   | -0.04    |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 87    | -0.04    |
| 28      | Pvrene                     | 1.051 | 1.316 | -25.2# | 103   | -0.03    |
| 29 S    | Terphenyl-d14              | 0.720 | 0.807 | -12.1  | 94    | -0.03    |
| 30      | Benzo(a)anthracene         | 1.195 | 1.205 | -0.8   | 85    | -0.04    |
| 31      | Chrysene                   | 1.236 | 1.396 | -12.9  | 91    | -0.04    |
| 32      | Bis(2-ethylhexyl)phthalate | 1.716 | 1.395 | 18.7   | 70    | -0.04    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.466 | 1.412 | 3.7    | 80    | -0.10    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 85    | -0.07    |
| 35      | Benzo(b)fluoranthene       | 1.121 | 1.025 | 8.6    | 81    | -0.06    |
| 36      | Benzo(k)fluoranthene       | 1.172 | 1.263 | -7.8   | 92    | -0.06    |
| 37 C    | Benzo(a)pyrene             | 1.104 | 1.090 | 1.3    | 87    | -0.07    |
| 38      | Dibenzo(a,h)anthracene     | 1.112 | 0.896 | 19.4   | 72    | -0.09    |
| 39      | Benzo(a,h,i)perylene       | 1.149 | 1.105 | 3.8    | 84    | -0.11    |

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| Compound           | AvgRF          | CCRF          | %Dev Area | % Dev(min) |
|--------------------|----------------|---------------|-----------|------------|
| -----              |                |               |           |            |
| (#) = Out of Range | SPCC's out = 0 | CCC's out = 0 |           |            |