

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\  
 Data File : BE099958.D  
 Acq On : 12 Jun 2019 16:12  
 Operator : JU/SJ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDC00.4

Quant Time: Jun 13 05:06:51 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   | 128   | 0.00     |
| 2       | 1,4-Dioxane                | 0.592 | 0.566 | 4.4   | 131   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.341 | 0.224 | 34.3# | 84    | 0.02     |
| 4 S     | 2-Fluorophenol             | 1.080 | 1.015 | 6.0   | 121   | 0.00     |
| 5 S     | Phenol-d6                  | 1.391 | 1.286 | 7.5   | 127   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.136 | 1.119 | 1.5   | 133   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 123   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.379 | 0.373 | 1.6   | 129   | 0.00     |
| 9       | Naphthalene                | 4.318 | 4.530 | -4.9  | 131   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.329 | 0.372 | -13.1 | 137   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.698 | 0.720 | -3.2  | 130   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.702 | 0.712 | -1.4  | 127   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 118   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.296 | 0.202 | 31.8# | 90    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.517 | 1.583 | -4.4  | 131   | 0.00     |
| 16      | Acenaphthylene             | 1.990 | 2.027 | -1.9  | 125   | -0.01    |
| 17      | Acenaphthene               | 1.084 | 1.088 | -0.4  | 123   | 0.00     |
| 18      | Fluorene                   | 1.627 | 1.597 | 1.8   | 122   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.227 | 0.244 | -7.5  | 126   | 0.00     |
| 21      | Hexachlorobenzene          | 0.232 | 0.241 | -3.9  | 119   | 0.00     |
| 22      | Pentachlorophenol          | 0.073 | 0.042 | 42.5# | 71    | 0.00     |
| 23      | Phenanthrene               | 0.971 | 0.953 | 1.9   | 114   | 0.00     |
| 24      | Anthracene                 | 0.890 | 0.818 | 8.1   | 105   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.828 | 5.404 | 7.3   | 103   | 0.00     |
| 26      | Fluoranthene               | 1.650 | 1.547 | 6.2   | 103   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 28      | Pvrene                     | 1.051 | 1.253 | -19.2 | 102   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.720 | 0.805 | -11.8 | 97    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.195 | 1.250 | -4.6  | 92    | 0.01     |
| 31      | Chrysene                   | 1.236 | 1.426 | -15.4 | 97    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.716 | 1.654 | 3.6   | 86    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.466 | 1.493 | -1.8  | 88    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.121 | 1.117 | 0.4   | 91    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.172 | 1.273 | -8.6  | 95    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.104 | 1.130 | -2.4  | 92    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.112 | 1.014 | 8.8   | 83    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.149 | 1.183 | -3.0  | 92    | 0.00     |

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