

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\  
 Data File : BE100533.D  
 Acq On : 20 Sep 2019 18:32  
 Operator : HP/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE092019

Quant Time: Sep 20 19:09:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 18:26:17 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   | 99    | 0.00     |
| 2       | 1,4-Dioxane                | 0.577 | 0.563 | 2.4   | 95    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.339 | 0.282 | 16.8  | 108   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.936 | 0.902 | 3.6   | 103   | 0.00     |
| 5 S     | Phenol-d6                  | 1.282 | 1.210 | 5.6   | 103   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.297 | 1.278 | 1.5   | 103   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 101   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.231 | 0.214 | 7.4   | 104   | 0.00     |
| 9       | Naphthalene                | 4.147 | 4.063 | 2.0   | 101   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.133 | 0.130 | 2.3   | 100   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.598 | 0.574 | 4.0   | 102   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.660 | 0.625 | 5.3   | 101   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.065 | 0.057 | 12.3  | 97    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.428 | 1.431 | -0.2  | 102   | 0.00     |
| 16      | Acenaphthylene             | 1.647 | 1.514 | 8.1   | 101   | 0.01     |
| 17      | Acenaphthene               | 1.112 | 1.065 | 4.2   | 101   | 0.00     |
| 18      | Fluorene                   | 1.391 | 1.336 | 4.0   | 102   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.188 | 0.176 | 6.4   | 100   | 0.01     |
| 21      | Hexachlorobenzene          | 0.164 | 0.157 | 4.3   | 103   | 0.00     |
| 22      | Pentachlorophenol          | 0.037 | 0.022 | 40.5# | 102   | 0.00     |
| 23      | Phenanthrene               | 1.115 | 1.049 | 5.9   | 100   | 0.00     |
| 24      | Anthracene                 | 0.938 | 0.830 | 11.5  | 101   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.758 | 4.397 | 7.6   | 100   | 0.00     |
| 26      | Fluoranthene               | 1.344 | 1.245 | 7.4   | 100   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 28      | Pvrene                     | 1.151 | 1.144 | 0.6   | 101   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.947 | 0.932 | 1.6   | 100   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.068 | 0.945 | 11.5  | 91    | 0.00     |
| 31      | Chrysene                   | 1.217 | 1.223 | -0.5  | 104   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.151 | 1.000 | 13.1  | 95    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.353 | 1.310 | 3.2   | 98    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.082 | 0.946 | 12.6  | 98    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.252 | 1.210 | 3.4   | 105   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.010 | 0.898 | 11.1  | 97    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.052 | 0.946 | 10.1  | 99    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.098 | 1.021 | 7.0   | 98    | 0.00     |

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