

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050119\  
 Data File : BE099454.D  
 Acq On : 1 May 2019 9:03  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 02 07:32:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE042919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 29 18:36:43 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 2       | 1,4-Dioxane                | 0.550 | 0.491 | 10.7  | 111   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.332 | 0.303 | 8.7   | 110   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.106 | 1.178 | -6.5  | 119   | 0.00     |
| 5 S     | Phenol-d6                  | 1.471 | 1.830 | -24.4 | 136   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.269 | 1.252 | 1.3   | 108   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 130   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.375 | 0.368 | 1.9   | 127   | 0.00     |
| 9       | Naphthalene                | 4.359 | 4.496 | -3.1  | 132   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.303 | 0.300 | 1.0   | 126   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.721 | 0.769 | -6.7  | 140   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.758 | 0.820 | -8.2  | 141   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 140   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.252 | 0.258 | -2.4  | 148   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.526 | 1.515 | 0.7   | 136   | -0.02    |
| 16      | Acenaphthylene             | 1.957 | 1.986 | -1.5  | 142   | 0.00     |
| 17      | Acenaphthene               | 1.118 | 1.142 | -2.1  | 144   | 0.00     |
| 18      | Fluorene                   | 1.649 | 1.648 | 0.1   | 139   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 133   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.233 | 0.234 | -0.4  | 132   | 0.00     |
| 21      | Hexachlorobenzene          | 0.222 | 0.234 | -5.4  | 139   | 0.00     |
| 22      | Pentachlorophenol          | 0.100 | 0.100 | 0.0   | 157#  | 0.00     |
| 23      | Phenanthrene               | 1.032 | 1.019 | 1.3   | 129   | 0.00     |
| 24      | Anthracene                 | 0.984 | 0.964 | 2.0   | 131   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.391 | 4.873 | 9.6   | 120   | 0.00     |
| 26      | Fluoranthene               | 1.546 | 1.419 | 8.2   | 121   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 28      | Pyrene                     | 1.043 | 1.302 | -24.8 | 118   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.733 | 0.887 | -21.0 | 115   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.274 | 1.467 | -15.1 | 109   | -0.01    |
| 31      | Chrysene                   | 1.247 | 1.404 | -12.6 | 106   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.216 | 2.226 | -0.5  | 99    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.474 | 1.656 | -12.3 | 105   | -0.01    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.153 | 1.222 | -6.0  | 109   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.112 | 1.144 | -2.9  | 102   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.090 | 1.142 | -4.8  | 106   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.115 | 1.147 | -2.9  | 104   | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 1.118 | 1.165 | -4.2  | 105   | -0.01    |

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