

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE092518\  
 Data File : BE097667.D  
 Acq On : 25 Sep 2018 20:58  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 26 08:28:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 18:40:34 2018  
 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   | 108   | 0.00     |
| 2       | 1,4-Dioxane                | 0.716 | 0.704 | 1.7   | 119   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.421 | 0.450 | -6.9  | 122   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.053 | 1.020 | 3.1   | 118   | 0.00     |
| 5 S     | Phenol-d6                  | 1.487 | 1.300 | 12.6  | 108   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.204 | 1.310 | -8.8  | 113   | -0.01    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.232 | 0.257 | -10.8 | 123   | 0.00     |
| 9       | Naphthalene                | 3.636 | 3.658 | -0.6  | 112   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.165 | 0.158 | 4.2   | 108   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.592 | 0.594 | -0.3  | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.576 | 0.595 | -3.3  | 115   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.155 | 0.162 | -4.5  | 128   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.305 | 1.262 | 3.3   | 110   | 0.00     |
| 16      | Acenaphthylene             | 1.608 | 1.551 | 3.5   | 115   | 0.00     |
| 17      | Acenaphthene               | 1.050 | 1.044 | 0.6   | 115   | 0.00     |
| 18      | Fluorene                   | 1.477 | 1.447 | 2.0   | 114   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.177 | 0.175 | 1.1   | 114   | 0.00     |
| 21      | Hexachlorobenzene          | 0.204 | 0.200 | 2.0   | 113   | 0.00     |
| 22      | Pentachlorophenol          | 0.049 | 0.045 | 8.2   | 143   | 0.00     |
| 23      | Phenanthrene               | 0.946 | 0.922 | 2.5   | 113   | 0.00     |
| 24      | Anthracene                 | 0.786 | 0.759 | 3.4   | 117   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.361 | 4.091 | 6.2   | 112   | 0.00     |
| 26      | Fluoranthene               | 1.135 | 1.073 | 5.5   | 113   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 28      | Pvrene                     | 1.044 | 1.054 | -1.0  | 113   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.787 | 0.771 | 2.0   | 112   | 0.00     |
| 30      | Benzo(a)anthracene         | 0.945 | 0.901 | 4.7   | 114   | 0.00     |
| 31      | Chrysene                   | 1.106 | 1.115 | -0.8  | 108   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.080 | 1.194 | -10.6 | 132   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.165 | 1.274 | -9.4  | 121   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.023 | 0.930 | 9.1   | 110   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.211 | 1.228 | -1.4  | 123   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.010 | 0.978 | 3.2   | 121   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.062 | 1.041 | 2.0   | 124   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.056 | 1.010 | 4.4   | 117   | 0.00     |

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