

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE090517\  
 Data File : BE093936.D  
 Acq On : 5 Sep 2017 14:36  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 06 05:36:14 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 13:34:56 2017  
 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  | 133   | 0.00     |
| 2       | 1,4-Dioxane                | 0.551 | 0.511 | 7.3  | 124   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.646 | 0.568 | 12.1 | 117   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.294 | 1.115 | 13.8 | 116   | 0.00     |
| 5 S     | Phenol-d6                  | 1.941 | 1.628 | 16.1 | 114   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.587 | 1.353 | 14.7 | 114   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 134   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.338 | 0.288 | 14.8 | 115   | 0.00     |
| 9       | Naphthalene                | 4.585 | 3.956 | 13.7 | 114   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.167 | 0.141 | 15.6 | 113   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.640 | 0.554 | 13.4 | 113   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.762 | 0.662 | 13.1 | 114   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 135   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.124 | 0.105 | 15.3 | 110   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.582 | 1.355 | 14.3 | 113   | 0.00     |
| 16      | Acenaphthylene             | 1.997 | 1.679 | 15.9 | 117   | 0.00     |
| 17      | Acenaphthene               | 1.349 | 1.158 | 14.2 | 114   | 0.00     |
| 18      | Fluorene                   | 1.741 | 1.467 | 15.7 | 116   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 119   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.219 | 0.205 | 6.4  | 94    | 0.00     |
| 21      | Hexachlorobenzene          | 0.236 | 0.202 | 14.4 | 95    | 0.00     |
| 22      | Pentachlorophenol          | 0.063 | 0.064 | -1.6 | 120   | 0.00     |
| 23      | Phenanthrene               | 1.293 | 1.198 | 7.3  | 97    | 0.00     |
| 24      | Anthracene                 | 1.218 | 1.035 | 15.0 | 99    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.960 | 5.462 | 8.4  | 112   | 0.00     |
| 26      | Fluoranthene               | 1.783 | 1.619 | 9.2  | 112   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 132   | 0.00     |
| 28      | Pvrene                     | 1.376 | 1.169 | 15.0 | 112   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.736 | 0.626 | 14.9 | 112   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.229 | 1.066 | 13.3 | 113   | 0.00     |
| 31      | Chrysene                   | 1.300 | 1.096 | 15.7 | 112   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.983 | 2.329 | 21.9 | 108   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.867 | 0.706 | 18.6 | 109   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 130   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.274 | 1.069 | 16.1 | 109   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.561 | 1.402 | 10.2 | 117   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.297 | 1.116 | 14.0 | 112   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.860 | 0.713 | 17.1 | 107   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.907 | 0.773 | 14.8 | 111   | 0.00     |

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