

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE070217\  
 Data File : BE093418.D  
 Acq On : 2 Jul 2017 17:44  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 03 06:49:13 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE070217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jul 02 13:43:38 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 2       | 1,4-Dioxane                | 0.847 | 0.810 | 4.4   | 94    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.444 | 0.393 | 11.5  | 109   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.207 | 1.140 | 5.6   | 95    | 0.00     |
| 5 S     | Phenol-d6                  | 1.780 | 1.710 | 3.9   | 100   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.339 | 1.298 | 3.1   | 97    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.256 | 0.245 | 4.3   | 102   | 0.00     |
| 9       | Naphthalene                | 4.190 | 4.080 | 2.6   | 98    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.159 | 0.156 | 1.9   | 98    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.638 | 0.622 | 2.5   | 99    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.704 | 0.685 | 2.7   | 99    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.126 | 0.102 | 19.0  | 90    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.553 | 1.495 | 3.7   | 101   | 0.00     |
| 16      | Acenaphthylene             | 1.666 | 1.509 | 9.4   | 97    | 0.00     |
| 17      | Acenaphthene               | 1.220 | 1.162 | 4.8   | 100   | 0.00     |
| 18      | Fluorene                   | 1.675 | 1.607 | 4.1   | 100   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.219 | 0.222 | -1.4  | 100   | 0.00     |
| 21      | Hexachlorobenzene          | 0.237 | 0.232 | 2.1   | 100   | 0.00     |
| 22      | Pentachlorophenol          | 0.035 | 0.026 | 25.7# | 82    | 0.00     |
| 23      | Phenanthrene               | 1.454 | 1.454 | 0.0   | 100   | 0.00     |
| 24      | Anthracene                 | 0.891 | 0.870 | 2.4   | 95    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.823 | 4.681 | 2.9   | 97    | 0.00     |
| 26      | Fluoranthene               | 1.367 | 1.349 | 1.3   | 99    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 28      | Pyrene                     | 1.124 | 1.104 | 1.8   | 97    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.714 | 0.701 | 1.8   | 97    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.080 | 1.032 | 4.4   | 97    | 0.00     |
| 31      | Chrysene                   | 1.130 | 1.094 | 3.2   | 95    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.555 | 1.291 | 17.0  | 98    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.992 | 0.968 | 2.4   | 97    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.292 | 1.231 | 4.7   | 95    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.278 | 1.275 | 0.2   | 101   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.132 | 1.069 | 5.6   | 97    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.099 | 1.072 | 2.5   | 98    | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 1.110 | 1.083 | 2.4   | 99    | 0.00     |

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