

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\  
 Data File : BE095686.D  
 Acq On : 23 Feb 2018 16:54  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Feb 23 18:25:06 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 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  | 103   | 0.00     |
| 2       | 1,4-Dioxane                | 0.630 | 0.678 | -7.6 | 115   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.781 | 0.782 | -0.1 | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.056 | 1.069 | -1.2 | 108   | 0.00     |
| 5 S     | Phenol-d6                  | 1.462 | 1.542 | -5.5 | 110   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.500 | 1.582 | -5.5 | 110   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 110   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.412 | 0.392 | 4.9  | 107   | 0.00     |
| 9       | Naphthalene                | 4.611 | 4.662 | -1.1 | 108   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.269 | 0.283 | -5.2 | 109   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.669 | 0.687 | -2.7 | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.796 | 0.813 | -2.1 | 111   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 119   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.143 | 0.136 | 4.9  | 126   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.787 | 1.703 | 4.7  | 111   | 0.00     |
| 16      | Acenaphthylene             | 2.247 | 2.095 | 6.8  | 112   | 0.00     |
| 17      | Acenaphthene               | 1.411 | 1.342 | 4.9  | 112   | 0.00     |
| 18      | Fluorene                   | 1.750 | 1.677 | 4.2  | 114   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 120   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.251 | 0.236 | 6.0  | 110   | 0.00     |
| 21      | Hexachlorobenzene          | 0.260 | 0.244 | 6.2  | 112   | 0.00     |
| 22      | Pentachlorophenol          | 0.060 | 0.053 | 11.7 | 130   | -0.01    |
| 23      | Phenanthrene               | 1.250 | 1.191 | 4.7  | 111   | 0.00     |
| 24      | Anthracene                 | 1.148 | 1.076 | 6.3  | 115   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.225 | 4.833 | 7.5  | 111   | 0.00     |
| 26      | Fluoranthene               | 1.538 | 1.422 | 7.5  | 110   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 116   | 0.00     |
| 28      | Pvrene                     | 1.636 | 1.665 | -1.8 | 118   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.797 | 0.762 | 4.4  | 110   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.305 | 1.244 | 4.7  | 111   | 0.00     |
| 31      | Chrysene                   | 1.298 | 1.244 | 4.2  | 110   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.308 | 2.155 | 6.6  | 119   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.257 | 1.253 | 0.3  | 115   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 120   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.425 | 1.346 | 5.5  | 111   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.417 | 1.321 | 6.8  | 111   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.284 | 1.224 | 4.7  | 113   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.143 | 1.105 | 3.3  | 116   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.224 | 1.145 | 6.5  | 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 |      |           |            |