

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE111918\  
 Data File : BE098252.D  
 Acq On : 19 Nov 2018 17:52  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 19 18:24:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 16 19:05:33 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    | 106   | 0.00     |
| 2       | 1,4-Dioxane                | 0.628 | 0.602 | 4.1    | 108   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.706 | 0.660 | 6.5    | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.073 | 1.089 | -1.5   | 107   | 0.00     |
| 5 S     | Phenol-d6                  | 1.685 | 1.748 | -3.7   | 108   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.443 | 1.380 | 4.4    | 103   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 102   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.378 | 0.397 | -5.0   | 105   | 0.01     |
| 9       | Naphthalene                | 4.073 | 4.033 | 1.0    | 98    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.239 | 0.232 | 2.9    | 97    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.702 | 0.672 | 4.3    | 97    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.718 | 0.702 | 2.2    | 99    | 0.01     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 100   | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.129 | 0.158 | -22.5  | 128   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.739 | 1.635 | 6.0    | 96    | 0.01     |
| 16      | Acenaphthylene             | 1.904 | 1.892 | 0.6    | 98    | 0.00     |
| 17      | Acenaphthene               | 1.137 | 1.140 | -0.3   | 97    | 0.00     |
| 18      | Fluorene                   | 1.449 | 1.457 | -0.6   | 99    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.248 | 0.238 | 4.0    | 97    | 0.01     |
| 21      | Hexachlorobenzene          | 0.256 | 0.244 | 4.7    | 98    | 0.00     |
| 22      | Pentachlorophenol          | 0.035 | 0.048 | -37.1# | 143   | 0.00     |
| 23      | Phenanthrene               | 1.029 | 0.994 | 3.4    | 97    | 0.00     |
| 24      | Anthracene                 | 0.935 | 0.921 | 1.5    | 100   | 0.01     |
| 25 SURR | Fluoranthene-d10           | 4.866 | 4.769 | 2.0    | 100   | 0.00     |
| 26      | Fluoranthene               | 1.235 | 1.210 | 2.0    | 99    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 106   | 0.00     |
| 28      | Pvrene                     | 1.169 | 1.117 | 4.4    | 98    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.919 | 0.854 | 7.1    | 97    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.157 | 1.126 | 2.7    | 103   | 0.00     |
| 31      | Chrysene                   | 1.191 | 1.184 | 0.6    | 103   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.804 | 2.335 | -29.4# | 143   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.019 | 1.036 | -1.7   | 106   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.130 | 1.122 | 0.7    | 108   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.276 | 1.219 | 4.5    | 100   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.109 | 1.079 | 2.7    | 104   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.889 | 0.912 | -2.6   | 112   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.958 | 0.990 | -3.3   | 116   | 0.00     |

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