

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\  
 Data File : BE098487.D  
 Acq On : 16 Dec 2018 1:05  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 16 03:03:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 14:59:55 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   | 55    | 0.00     |
| 2       | 1,4-Dioxane                | 0.692 | 0.616 | 11.0  | 49#   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.623 | 0.548 | 12.0  | 52    | 0.01     |
| 4 S     | 2-Fluorophenol             | 0.936 | 1.074 | -14.7 | 65    | 0.01     |
| 5 S     | Phenol-d6                  | 1.326 | 1.480 | -11.6 | 61    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.260 | 1.014 | 19.5  | 45#   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 55    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.364 | 0.344 | 5.5   | 57    | 0.01     |
| 9       | Naphthalene                | 4.025 | 4.197 | -4.3  | 59    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.256 | 0.307 | -19.9 | 68    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.650 | 0.660 | -1.5  | 56    | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.654 | 0.624 | 4.6   | 54    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 53    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.147 | 0.163 | -10.9 | 62    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.687 | 1.762 | -4.4  | 60    | 0.00     |
| 16      | Acenaphthylene             | 1.874 | 1.977 | -5.5  | 57    | 0.00     |
| 17      | Acenaphthene               | 1.126 | 1.139 | -1.2  | 54    | 0.00     |
| 18      | Fluorene                   | 1.506 | 1.539 | -2.2  | 54    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 50    | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.215 | 0.202 | 6.0   | 49#   | 0.00     |
| 21      | Hexachlorobenzene          | 0.231 | 0.251 | -8.7  | 55    | 0.00     |
| 22      | Pentachlorophenol          | 0.046 | 0.049 | -6.5  | 67    | 0.00     |
| 23      | Phenanthrene               | 0.972 | 0.990 | -1.9  | 52    | 0.00     |
| 24      | Anthracene                 | 0.866 | 0.765 | 11.7  | 45#   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.131 | 5.284 | -3.0  | 50#   | 0.00     |
| 26      | Fluoranthene               | 1.286 | 1.342 | -4.4  | 50    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 57    | -0.01    |
| 28      | Pvrene                     | 1.255 | 1.213 | 3.3   | 54    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.972 | 0.811 | 16.6  | 48#   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.139 | 0.996 | 12.6  | 51    | -0.01    |
| 31      | Chrysene                   | 1.193 | 1.232 | -3.3  | 59    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.313 | 1.481 | 36.0# | 37#   | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.187 | 1.185 | 0.2   | 60    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 57    | -0.01    |
| 35      | Benzo(b)fluoranthene       | 1.094 | 1.168 | -6.8  | 63    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.274 | 1.475 | -15.8 | 69    | -0.01    |
| 37 C    | Benzo(a)pyrene             | 1.129 | 1.150 | -1.9  | 59    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.063 | 0.985 | 7.3   | 54    | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 1.071 | 1.131 | -5.6  | 62    | -0.01    |

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