

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\  
 Data File : BN010798.D  
 Acq On : 06 Jun 2020 01:55  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 06 02:25:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 22:48:49 2020  
 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  | 107   | 0.00     |
| 2       | 1,4-Dioxane                | 0.396 | 0.406 | -2.5 | 108   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.230 | 0.225 | 2.2  | 120   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.798 | 0.810 | -1.5 | 113   | 0.00     |
| 5 S     | Phenol-d6                  | 0.943 | 0.945 | -0.2 | 112   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.899 | 0.962 | -7.0 | 113   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 108   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.293 | 0.289 | 1.4  | 109   | 0.00     |
| 9       | Naphthalene                | 0.996 | 0.999 | -0.3 | 109   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.243 | 0.239 | 1.6  | 105   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.607 | 0.600 | 1.2  | 108   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.660 | 0.657 | 0.5  | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.140 | 0.131 | 6.4  | 109   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.558 | 1.548 | 0.6  | 108   | -0.01    |
| 16      | Acenaphthylene             | 1.621 | 1.531 | 5.6  | 108   | 0.00     |
| 17      | Acenaphthene               | 1.099 | 1.080 | 1.7  | 107   | 0.00     |
| 18      | Fluorene                   | 1.426 | 1.376 | 3.5  | 107   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.233 | 0.227 | 2.6  | 107   | 0.00     |
| 21      | Hexachlorobenzene          | 0.246 | 0.243 | 1.2  | 106   | 0.00     |
| 22      | Pentachlorophenol          | 0.084 | 0.075 | 10.7 | 107   | 0.00     |
| 23      | Phenanthrene               | 1.081 | 1.054 | 2.5  | 107   | 0.00     |
| 24      | Anthracene                 | 0.916 | 0.859 | 6.2  | 107   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 1.110 | 1.070 | 3.6  | 108   | 0.00     |
| 26      | Fluoranthene               | 1.252 | 1.192 | 4.8  | 108   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 108   | -0.01    |
| 28      | Pvrene                     | 1.268 | 1.268 | 0.0  | 108   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.892 | 0.898 | -0.7 | 107   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.174 | 1.164 | 0.9  | 111   | 0.00     |
| 31      | Chrysene                   | 1.334 | 1.305 | 2.2  | 107   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.388 | 0.371 | 4.4  | 108   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.602 | 1.695 | -5.8 | 108   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.303 | 1.212 | 7.0  | 109   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.433 | 1.393 | 2.8  | 105   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.163 | 1.120 | 3.7  | 109   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.310 | 1.273 | 2.8  | 108   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.354 | 1.294 | 4.4  | 108   | 0.00     |

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