

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\  
 Data File : BN010721.D  
 Acq On : 14 May 2020 20:32  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 15 01:52:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 14:18:48 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  | 113   | 0.00     |
| 2       | 1,4-Dioxane                | 0.345 | 0.359 | -4.1 | 124   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.199 | 0.188 | 5.5  | 114   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.783 | 0.839 | -7.2 | 122   | 0.00     |
| 5 S     | Phenol-d6                  | 0.957 | 1.019 | -6.5 | 123   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.986 | 0.955 | 3.1  | 105   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 108   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.278 | 0.276 | 0.7  | 110   | 0.00     |
| 9       | Naphthalene                | 1.006 | 0.993 | 1.3  | 108   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.230 | 0.232 | -0.9 | 108   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.652 | 0.629 | 3.5  | 106   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.709 | 0.690 | 2.7  | 107   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 106   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.145 | 0.141 | 2.8  | 116   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.468 | 1.487 | -1.3 | 106   | 0.00     |
| 16      | Acenaphthylene             | 1.634 | 1.544 | 5.5  | 106   | 0.00     |
| 17      | Acenaphthene               | 1.104 | 1.106 | -0.2 | 106   | 0.00     |
| 18      | Fluorene                   | 1.447 | 1.425 | 1.5  | 108   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.221 | 0.214 | 3.2  | 106   | 0.00     |
| 21      | Hexachlorobenzene          | 0.263 | 0.259 | 1.5  | 107   | 0.00     |
| 22      | Pentachlorophenol          | 0.081 | 0.074 | 8.6  | 114   | -0.01    |
| 23      | Phenanthrene               | 1.073 | 1.047 | 2.4  | 110   | -0.01    |
| 24      | Anthracene                 | 0.902 | 0.851 | 5.7  | 111   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 1.085 | 1.052 | 3.0  | 114   | 0.00     |
| 26      | Fluoranthene               | 1.219 | 1.178 | 3.4  | 113   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 119   | 0.00     |
| 28      | Pvrene                     | 1.434 | 1.409 | 1.7  | 114   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.949 | 0.964 | -1.6 | 119   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.167 | 1.133 | 2.9  | 124   | 0.00     |
| 31      | Chrysene                   | 1.321 | 1.325 | -0.3 | 118   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.511 | 0.505 | 1.2  | 125   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.175 | 1.214 | -3.3 | 130   | -0.01    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 123   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.322 | 1.270 | 3.9  | 125   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.424 | 1.448 | -1.7 | 129   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.144 | 1.122 | 1.9  | 124   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.978 | 0.977 | 0.1  | 134   | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 1.147 | 1.082 | 5.7  | 122   | -0.01    |

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