

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\  
 Data File : BN010819.D  
 Acq On : 10 Jun 2020 15:20  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN061020

Quant Time: Jun 10 16:06:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 10 15:14:26 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   | 112   | 0.00     |
| 2       | 1,4-Dioxane                | 0.392 | 0.427 | -8.9  | 117   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.228 | 0.229 | -0.4  | 128   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.772 | 0.835 | -8.2  | 119   | 0.00     |
| 5 S     | Phenol-d6                  | 0.910 | 0.947 | -4.1  | 117   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.887 | 0.931 | -5.0  | 118   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 112   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.296 | 0.302 | -2.0  | 110   | 0.00     |
| 9       | Naphthalene                | 1.005 | 1.063 | -5.8  | 113   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.248 | 0.261 | -5.2  | 109   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.620 | 0.644 | -3.9  | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.673 | 0.687 | -2.1  | 111   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.143 | 0.139 | 2.8   | 110   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.578 | 1.713 | -8.6  | 111   | 0.00     |
| 16      | Acenaphthylene             | 1.639 | 1.679 | -2.4  | 111   | 0.00     |
| 17      | Acenaphthene               | 1.117 | 1.180 | -5.6  | 110   | 0.00     |
| 18      | Fluorene                   | 1.441 | 1.474 | -2.3  | 108   | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 110   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.240 | 0.239 | 0.4   | 106   | 0.00     |
| 21      | Hexachlorobenzene          | 0.251 | 0.258 | -2.8  | 107   | 0.00     |
| 22      | Pentachlorophenol          | 0.084 | 0.077 | 8.3   | 104   | 0.00     |
| 23      | Phenanthrene               | 1.093 | 1.124 | -2.8  | 110   | 0.00     |
| 24      | Anthracene                 | 0.912 | 0.901 | 1.2   | 109   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 1.104 | 1.113 | -0.8  | 109   | 0.00     |
| 26      | Fluoranthene               | 1.240 | 1.235 | 0.4   | 109   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 28      | Pvrene                     | 1.323 | 1.439 | -8.8  | 110   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.936 | 1.015 | -8.4  | 109   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.176 | 1.166 | 0.9   | 105   | 0.00     |
| 31      | Chrysene                   | 1.370 | 1.520 | -10.9 | 108   | 0.01     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.392 | 0.418 | -6.6  | 115   | 0.01     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.531 | 1.592 | -4.0  | 104   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.360 | 1.383 | -1.7  | 105   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.449 | 1.538 | -6.1  | 107   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.167 | 1.197 | -2.6  | 109   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.330 | 1.373 | -3.2  | 108   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.391 | 1.465 | -5.3  | 105   | 0.00     |

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