

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\  
 Data File : BN006696.D  
 Acq On : 02 Jul 2019 17:43  
 Operator : HP/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN070219

Quant Time: Jul 05 05:48:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 05:30:28 2019  
 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   | 92    | 0.00     |
| 2       | 1,4-Dioxane                | 0.625 | 0.640 | -2.4  | 94    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.471 | 0.439 | 6.8   | 93    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.086 | 1.035 | 4.7   | 91    | 0.00     |
| 5 S     | Phenol-d6                  | 1.375 | 1.283 | 6.7   | 90    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.162 | 1.204 | -3.6  | 107   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 95    | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.307 | 0.279 | 9.1   | 91    | 0.00     |
| 9       | Naphthalene                | 1.094 | 1.114 | -1.8  | 93    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.222 | 0.239 | -7.7  | 95    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.601 | 0.626 | -4.2  | 96    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.812 | 0.726 | 10.6  | 90    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.197 | 0.168 | 14.7  | 87    | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.565 | 1.608 | -2.7  | 95    | 0.00     |
| 16      | Acenaphthylene             | 1.994 | 1.983 | 0.6   | 93    | 0.00     |
| 17      | Acenaphthene               | 1.271 | 1.358 | -6.8  | 96    | 0.00     |
| 18      | Fluorene                   | 1.578 | 1.641 | -4.0  | 95    | 0.01     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 95    | 0.01     |
| 20      | 4-Bromophenyl-phenylether  | 0.236 | 0.237 | -0.4  | 95    | 0.00     |
| 21      | Hexachlorobenzene          | 0.280 | 0.308 | -10.0 | 98    | 0.01     |
| 22      | Pentachlorophenol          | 0.040 | 0.027 | 32.5# | 91    | 0.00     |
| 23      | Phenanthrene               | 1.153 | 1.177 | -2.1  | 94    | 0.01     |
| 24      | Anthracene                 | 1.042 | 1.014 | 2.7   | 92    | 0.01     |
| 25 SURR | Fluoranthene-d10           | 1.144 | 1.196 | -4.5  | 94    | 0.00     |
| 26      | Fluoranthene               | 1.354 | 1.427 | -5.4  | 94    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 95    | 0.01     |
| 28      | Pvrene                     | 1.601 | 1.648 | -2.9  | 94    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.921 | 0.943 | -2.4  | 94    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.380 | 1.346 | 2.5   | 86    | 0.00     |
| 31      | Chrysene                   | 1.422 | 1.530 | -7.6  | 98    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 4.115 | 2.024 | 50.8# | 74    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.701 | 1.846 | -8.5  | 95    | 0.01     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.284 | 1.334 | -3.9  | 93    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.392 | 1.539 | -10.6 | 99    | 0.01     |
| 37 C    | Benzo(a)pyrene             | 1.244 | 1.349 | -8.4  | 94    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.236 | 1.321 | -6.9  | 94    | 0.01     |
| 39      | Benzo(a,h,i)perylene       | 1.272 | 1.376 | -8.2  | 96    | 0.01     |

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