

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\  
 Data File : BE100489.D  
 Acq On : 22 Jul 2019 21:18  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 23 08:11:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 23 08:06:59 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  | 91    | 0.00     |
| 2       | 1,4-Dioxane                | 0.601 | 0.577 | 4.0  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.366 | 0.281 | 23.2 | 70    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.976 | 0.985 | -0.9 | 94    | 0.00     |
| 5 S     | Phenol-d6                  | 1.394 | 1.388 | 0.4  | 92    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.196 | 1.208 | -1.0 | 93    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 93    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.332 | 0.317 | 4.5  | 95    | 0.00     |
| 9       | Naphthalene                | 3.843 | 3.773 | 1.8  | 92    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.184 | 0.185 | -0.5 | 94    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.663 | 0.637 | 3.9  | 92    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.691 | 0.664 | 3.9  | 92    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 95    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.173 | 0.161 | 6.9  | 101   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.626 | 1.547 | 4.9  | 96    | 0.00     |
| 16      | Acenaphthylene             | 1.849 | 1.742 | 5.8  | 96    | 0.00     |
| 17      | Acenaphthene               | 1.113 | 1.065 | 4.3  | 96    | 0.00     |
| 18      | Fluorene                   | 1.485 | 1.428 | 3.8  | 95    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 98    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.190 | 0.178 | 6.3  | 95    | -0.01    |
| 21      | Hexachlorobenzene          | 0.196 | 0.188 | 4.1  | 97    | -0.01    |
| 22      | Pentachlorophenol          | 0.083 | 0.071 | 14.5 | 100   | 0.00     |
| 23      | Phenanthrene               | 0.980 | 0.928 | 5.3  | 95    | -0.01    |
| 24      | Anthracene                 | 0.933 | 0.870 | 6.8  | 96    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.479 | 5.138 | 6.2  | 95    | 0.00     |
| 26      | Fluoranthene               | 1.412 | 1.336 | 5.4  | 94    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 94    | 0.00     |
| 28      | Pvrene                     | 1.247 | 1.229 | 1.4  | 94    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.988 | 0.968 | 2.0  | 94    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.221 | 1.194 | 2.2  | 93    | -0.01    |
| 31      | Chrysene                   | 1.206 | 1.179 | 2.2  | 93    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.804 | 2.729 | 2.7  | 91    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.314 | 1.264 | 3.8  | 91    | -0.01    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 93    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.095 | 1.063 | 2.9  | 94    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.148 | 1.149 | -0.1 | 96    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.064 | 1.040 | 2.3  | 95    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.006 | 0.973 | 3.3  | 95    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.029 | 1.003 | 2.5  | 94    | -0.01    |

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