

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042022\  
 Data File : BN019507.D  
 Acq On : 19 Apr 2022 21:59  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 20 04:06:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 04 17:40:00 2022  
 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                   | Amount | Calc. | %Dev  | Area% | Dev(min) |
|---------|----------------------------|--------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0   | 146   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.465 | -16.3 | 152   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.265 | 33.8# | 82    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.313 | 21.8  | 96    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.264 | 34.0# | 86    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.312 | 22.0  | 97    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 146   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.266 | 33.5# | 88    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.389 | 2.8   | 123   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.411 | -2.7  | 128   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.368 | 8.0   | 118   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.363 | 9.3   | 115   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 126   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.213 | 46.8# | 61    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.392 | 2.0   | 109   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.328 | 18.0  | 95    | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.388 | 3.0   | 110   | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.355 | 11.3  | 99    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 105   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.131 | 67.3# | 34    | 0.02     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.380 | 5.0   | 89    | -0.01    |
| 22      | Hexachlorobenzene          | 0.400  | 0.437 | -9.2  | 101   | -0.01    |
| 23      | Atrazine                   | 0.400  | 0.261 | 34.8# | 60    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.140 | 65.0# | 32    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.370 | 7.5   | 86    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.311 | 22.3  | 74    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.331 | 17.3  | 76    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.328 | 18.0  | 75    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 69    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.497 | -24.2 | 72    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.487 | -21.7 | 73    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.279 | 30.3# | 43    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.372 | 7.0   | 55    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.262 | 34.5# | 40    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 53    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.327 | 18.3  | 38    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.357 | 10.8  | 44    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.346 | 13.5  | 42    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.374 | 6.5   | 45    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.302 | 24.5  | 34    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.403 | -0.8  | 48    | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

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SSTDCCC0.4