

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027138.D  
 Acq On : 26 Aug 2023 03:45  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 26 04:20:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 79    | 0.00     |
| 2       | 1,4-Dioxane                | 0.430 | 0.485 | -12.8 | 96    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.479 | 0.504 | -5.2  | 87    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.127 | 0.983 | 12.8  | 73    | 0.00     |
| 5 S     | Phenol-d6                  | 1.392 | 1.211 | 13.0  | 73    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.171 | 1.191 | -1.7  | 82    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 72    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.338 | 0.357 | -5.6  | 74    | 0.00     |
| 9       | Naphthalene                | 1.052 | 1.058 | -0.6  | 75    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.215 | 0.253 | -17.7 | 84    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.636 | 0.655 | -3.0  | 75    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.823 | 0.871 | -5.8  | 76    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 70    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.213 | 0.142 | 33.3# | 50    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.485 | 1.494 | -0.6  | 73    | 0.00     |
| 16      | Acenaphthylene             | 1.909 | 1.852 | 3.0   | 69    | 0.00     |
| 17      | Acenaphthene               | 1.179 | 1.199 | -1.7  | 73    | 0.00     |
| 18      | Fluorene                   | 1.583 | 1.591 | -0.5  | 70    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 66    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.006 | 0.006 | 0.0   | 61    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.228 | 0.211 | 7.5   | 63    | 0.00     |
| 22      | Hexachlorobenzene          | 0.244 | 0.259 | -6.1  | 71    | 0.00     |
| 23      | Atrazine                   | 0.203 | 0.157 | 22.7  | 51    | 0.00     |
| 24      | Pentachlorophenol          | 0.123 | 0.082 | 33.3# | 47#   | 0.00     |
| 25      | Phenanthrene               | 1.150 | 1.137 | 1.1   | 67    | 0.00     |
| 26      | Anthracene                 | 1.073 | 0.965 | 10.1  | 62    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.026 | 0.974 | 5.1   | 65    | 0.00     |
| 28      | Fluoranthene               | 1.362 | 1.344 | 1.3   | 68    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 62    | 0.00     |
| 30      | Pyrene                     | 1.539 | 1.633 | -6.1  | 66    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.836 | 0.792 | 5.3   | 61    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.444 | 1.342 | 7.1   | 58    | 0.00     |
| 33      | Chrysene                   | 1.457 | 1.521 | -4.4  | 65    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.040 | 0.666 | 36.0# | 39#   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 54    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.638 | 1.470 | 10.3  | 50#   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.339 | 1.481 | -10.6 | 63    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.376 | 1.436 | -4.4  | 57    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.341 | 1.356 | -1.1  | 57    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.304 | 1.147 | 12.0  | 48#   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.403 | 1.299 | 7.4   | 51    | 0.00     |

(#) = Out of Range

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

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