

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053023\  
 Data File : BN025715.D  
 Acq On : 30 May 2023 09:50  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 30 11:17:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 29 00:47:45 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                   | Amount | Calc. | %Dev    | Area% | Dev(min) |
|---------|----------------------------|--------|-------|---------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0     | 134   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.443 | -10.7   | 139   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.309 | 22.8    | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.420 | -5.0    | 138   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.437 | -9.2    | 148   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.422 | -5.5    | 139   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0     | 139   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.416 | -4.0    | 150   | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.438 | -9.5    | 151   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.425 | -6.2    | 142   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.431 | -7.7    | 152   | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.430 | -7.5    | 153   | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0     | 145   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.321 | 19.8    | 152   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.417 | -4.2    | 150   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.408 | -2.0    | 150   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.427 | -6.7    | 153   | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.421 | -5.2    | 153   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0     | 150   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.383 | 4.3     | 150   | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.413 | -3.2    | 153   | -0.01    |
| 22      | Hexachlorobenzene          | 0.400  | 0.412 | -3.0    | 150   | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.389 | 2.8     | 149   | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.819 | -104.7# | 1765  | -0.01    |
| 25      | Phenanthrene               | 0.400  | 0.429 | -7.2    | 160   | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.419 | -4.7    | 160   | -0.01    |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.427 | -6.7    | 165   | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.426 | -6.5    | 167   | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0     | 166   | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.441 | -10.2   | 166   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.421 | -5.2    | 167   | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.424 | -6.0    | 175   | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.440 | -10.0   | 182   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.450 | -12.5   | 197   | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0     | 168   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.415 | -3.7    | 169   | -0.01    |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.442 | -10.5   | 189   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.427 | -6.7    | 173   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.425 | -6.2    | 174   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.405 | -1.3    | 167   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.422 | -5.5    | 167   | 0.00     |

(#) = Out of Range

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

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