

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011723\  
 Data File : BN023694.D  
 Acq On : 17 Jan 2023 23:10  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 18 05:50:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 18 05:42:43 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    | 105   | 0.00     |
| 2       | 1,4-Dioxane                | 0.359 | 0.347 | 3.3    | 87    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.402 | 0.395 | 1.7    | 89    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.794 | 0.752 | 5.3    | 85    | 0.00     |
| 5 S     | Phenol-d6                  | 1.023 | 0.970 | 5.2    | 88    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.078 | 1.073 | 0.5    | 87    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 103   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.301 | 0.290 | 3.7    | 90    | 0.01     |
| 9       | Naphthalene                | 1.058 | 1.031 | 2.6    | 88    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.214 | 0.223 | -4.2   | 92    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.552 | 0.516 | 6.5    | 86    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.759 | 0.724 | 4.6    | 88    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 103   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.173 | 0.154 | 11.0   | 87    | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.617 | 1.604 | 0.8    | 87    | 0.01     |
| 16      | Acenaphthylene             | 1.615 | 1.478 | 8.5    | 87    | 0.00     |
| 17      | Acenaphthene               | 1.184 | 1.113 | 6.0    | 87    | 0.00     |
| 18      | Fluorene                   | 1.589 | 1.594 | -0.3   | 91    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 97    | 0.01     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.043 | 0.041 | 4.7    | 86    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.228 | 0.219 | 3.9    | 86    | 0.01     |
| 22      | Hexachlorobenzene          | 0.285 | 0.288 | -1.1   | 88    | 0.01     |
| 23      | Atrazine                   | 0.157 | 0.142 | 9.6    | 84    | 0.00     |
| 24      | Pentachlorophenol          | 0.099 | 0.142 | -43.4# | 158#  | 0.01     |
| 25      | Phenanthrene               | 1.172 | 1.145 | 2.3    | 87    | 0.00     |
| 26      | Anthracene                 | 0.939 | 0.861 | 8.3    | 85    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.980 | 0.888 | 9.4    | 82    | 0.00     |
| 28      | Fluoranthene               | 1.324 | 1.214 | 8.3    | 84    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 92    | 0.00     |
| 30      | Pyrene                     | 1.532 | 1.533 | -0.1   | 81    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.013 | 0.633 | 37.5#  | 50    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.293 | 1.194 | 7.7    | 77    | 0.00     |
| 33      | Chrysene                   | 1.424 | 1.431 | -0.5   | 79    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.604 | 0.578 | 4.3    | 82    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 80    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.795 | 1.636 | 8.9    | 69    | 0.02     |
| 37      | Benzo(b)fluoranthene       | 1.710 | 1.688 | 1.3    | 73    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.665 | 1.668 | -0.2   | 74    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.288 | 1.194 | 7.3    | 68    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.436 | 1.302 | 9.3    | 69    | 0.01     |
| 41      | Benzo(g,h,i)perylene       | 1.467 | 1.402 | 4.4    | 73    | 0.02     |

(#) = Out of Range

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

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SSTDCCC0.4