

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072724\  
 Data File : BN033036.D  
 Acq On : 27 Jul 2024 17:14  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 29 01:06:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jul 21 23:33:21 2024  
 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    | 57    | -0.01    |
| 2       | 1,4-Dioxane                | 0.496 | 0.526 | -6.0   | 61    | -0.02    |
| 3       | n-Nitrosodimethylamine     | 0.419 | 0.378 | 9.8    | 51    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.012 | 1.184 | -17.0  | 65    | 0.02     |
| 5 S     | Phenol-d6                  | 1.256 | 1.537 | -22.4  | 70    | 0.07     |
| 6       | bis(2-Chloroethyl)ether    | 1.050 | 1.118 | -6.5   | 61    | 0.02     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 68    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.301 | 0.269 | 10.6   | 63    | 0.07     |
| 9       | Naphthalene                | 1.108 | 1.085 | 2.1    | 67    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.212 | 0.221 | -4.2   | 70    | -0.04    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.612 | 0.639 | -4.4   | 73    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.724 | 0.682 | 5.8    | 66    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 74    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.171 | 0.153 | 10.5   | 74    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.489 | 1.318 | 11.5   | 66    | -0.01    |
| 16      | Acenaphthylene             | 1.627 | 1.508 | 7.3    | 75    | -0.01    |
| 17      | Acenaphthene               | 1.153 | 1.090 | 5.5    | 71    | -0.01    |
| 18      | Fluorene                   | 1.541 | 1.424 | 7.6    | 69    | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 72    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.056 | 0.014 | 75.0#  | 30#   | 0.04     |
| 21      | 4-Bromophenyl-phenylether  | 0.235 | 0.204 | 13.2   | 64    | 0.00     |
| 22      | Hexachlorobenzene          | 0.263 | 0.249 | 5.3    | 70    | -0.01    |
| 23      | Atrazine                   | 0.173 | 0.162 | 6.4    | 76    | -0.01    |
| 24      | Pentachlorophenol          | 0.098 | 0.078 | 20.4   | 69    | 0.00     |
| 25      | Phenanthrene               | 1.093 | 0.986 | 9.8    | 67    | -0.01    |
| 26      | Anthracene                 | 0.900 | 0.711 | 21.0   | 65    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.035 | 1.046 | -1.1   | 77    | -0.01    |
| 28      | Fluoranthene               | 1.323 | 1.241 | 6.2    | 72    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 90    | 0.00     |
| 30      | Pyrene                     | 1.634 | 1.392 | 14.8   | 74    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.820 | 0.800 | 2.4    | 85    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.265 | 1.079 | 14.7   | 81    | 0.00     |
| 33      | Chrysene                   | 1.504 | 1.517 | -0.9   | 88    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.700 | 0.961 | -37.3# | 144   | -0.03    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 107   | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.577 | 1.357 | 14.0   | 95    | -0.01    |
| 37      | Benzo(b)fluoranthene       | 1.393 | 1.129 | 19.0   | 92    | -0.01    |
| 38      | Benzo(k)fluoranthene       | 1.592 | 1.394 | 12.4   | 94    | -0.01    |
| 39 C    | Benzo(a)pyrene             | 1.256 | 1.096 | 12.7   | 98    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.245 | 1.093 | 12.2   | 96    | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 1.379 | 1.193 | 13.5   | 93    | -0.02    |

(#) = Out of Range

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

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SSTDCCC0.4