

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081724\  
 Data File : BN033428.D  
 Acq On : 16 Aug 2024 13:34  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 16 14:47:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 16 04:44:11 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    | 148   | 0.00     |
| 2       | 1,4-Dioxane                | 0.444 | 0.470 | -5.9   | 163#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.572 | 0.519 | 9.3    | 138   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.105 | 1.138 | -3.0   | 150   | 0.00     |
| 5 S     | Phenol-d6                  | 1.492 | 1.404 | 5.9    | 137   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.209 | 1.201 | 0.7    | 150   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 138   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.302 | 0.354 | -17.2  | 166#  | 0.00     |
| 9       | Naphthalene                | 1.103 | 1.123 | -1.8   | 145   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.210 | 0.220 | -4.8   | 146   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.616 | 0.576 | 6.5    | 134   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.745 | 0.706 | 5.2    | 137   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 123   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.205 | 0.233 | -13.7  | 150   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.640 | 1.593 | 2.9    | 120   | 0.00     |
| 16      | Acenaphthylene             | 1.867 | 1.819 | 2.6    | 129   | -0.01    |
| 17      | Acenaphthene               | 1.281 | 1.252 | 2.3    | 126   | 0.00     |
| 18      | Fluorene                   | 1.689 | 1.571 | 7.0    | 119   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 107   | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.049 | 0.049 | 0.0    | 126   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.239 | 0.247 | -3.3   | 116   | -0.01    |
| 22      | Hexachlorobenzene          | 0.268 | 0.272 | -1.5   | 111   | 0.00     |
| 23      | Atrazine                   | 0.190 | 0.208 | -9.5   | 129   | 0.00     |
| 24      | Pentachlorophenol          | 0.108 | 0.149 | -38.0# | 173#  | 0.00     |
| 25      | Phenanthrene               | 1.155 | 1.145 | 0.9    | 111   | 0.00     |
| 26      | Anthracene                 | 1.023 | 1.066 | -4.2   | 119   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.069 | 1.047 | 2.1    | 111   | 0.00     |
| 28      | Fluoranthene               | 1.422 | 1.375 | 3.3    | 110   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 110   | 0.00     |
| 30      | Pyrene                     | 1.592 | 1.664 | -4.5   | 116   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.756 | 0.793 | -4.9   | 115   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.494 | 1.511 | -1.1   | 120   | 0.00     |
| 33      | Chrysene                   | 1.504 | 1.469 | 2.3    | 108   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.679 | 1.332 | -96.2# | 249#  | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 116   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.653 | 1.638 | 0.9    | 127   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.505 | 1.436 | 4.6    | 117   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.537 | 1.419 | 7.7    | 111   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.268 | 1.251 | 1.3    | 126   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.305 | 1.301 | 0.3    | 128   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.448 | 1.370 | 5.4    | 120   | 0.00     |

(#) = Out of Range

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

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SSTDCCC0.4