

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030624\  
 Data File : BN030304.D  
 Acq On : 06 Mar 2024 23:48  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 07 00:15:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 17:44:16 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  | 155#  | 0.00     |
| 2       | 1,4-Dioxane                | 0.519 | 0.540 | -4.0 | 151#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.548 | 0.456 | 16.8 | 130   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.050 | 1.112 | -5.9 | 164#  | 0.00     |
| 5 S     | Phenol-d6                  | 1.105 | 1.130 | -2.3 | 160#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.876 | 0.900 | -2.7 | 161#  | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 164#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.365 | 0.346 | 5.2  | 154#  | 0.00     |
| 9       | Naphthalene                | 1.117 | 1.170 | -4.7 | 164#  | -0.01    |
| 10      | Hexachlorobutadiene        | 0.255 | 0.271 | -6.3 | 165#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.580 | 0.612 | -5.5 | 165#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.689 | 0.718 | -4.2 | 164#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 159#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.206 | 0.174 | 15.5 | 127   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.661 | 1.750 | -5.4 | 163#  | 0.00     |
| 16      | Acenaphthylene             | 1.930 | 1.903 | 1.4  | 155#  | 0.00     |
| 17      | Acenaphthene               | 1.246 | 1.267 | -1.7 | 156#  | 0.00     |
| 18      | Fluorene                   | 1.499 | 1.495 | 0.3  | 154#  | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 145   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.083 | 0.067 | 19.3 | 126   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.244 | 0.249 | -2.0 | 142   | 0.00     |
| 22      | Hexachlorobenzene          | 0.283 | 0.302 | -6.7 | 151#  | 0.00     |
| 23      | Atrazine                   | 0.217 | 0.208 | 4.1  | 133   | 0.00     |
| 24      | Pentachlorophenol          | 0.147 | 0.137 | 6.8  | 129   | 0.00     |
| 25      | Phenanthrene               | 1.144 | 1.178 | -3.0 | 147   | 0.00     |
| 26      | Anthracene                 | 1.051 | 1.018 | 3.1  | 138   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.098 | 1.059 | 3.6  | 136   | 0.00     |
| 28      | Fluoranthene               | 1.393 | 1.332 | 4.4  | 134   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 132   | 0.00     |
| 30      | Pyrene                     | 1.679 | 1.749 | -4.2 | 131   | 0.00     |
| 31 S    | Terphenyl-d14              | 1.037 | 1.002 | 3.4  | 123   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.402 | 1.316 | 6.1  | 123   | 0.00     |
| 33      | Chrysene                   | 1.518 | 1.607 | -5.9 | 135   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.118 | 1.059 | 5.3  | 119   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 132   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.676 | 1.665 | 0.7  | 130   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.398 | 1.398 | 0.0  | 129   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.420 | 1.461 | -2.9 | 131   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.235 | 1.285 | -4.0 | 136   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.317 | 1.338 | -1.6 | 139   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.519 | 1.581 | -4.1 | 135   | -0.01    |

(#) = Out of Range

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

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BNA\_N  
**LabSampleId :**  
SSTDCCC0.4