

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080923\  
 Data File : BN026846.D  
 Acq On : 08 Aug 2023 13:01  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 09 01:09:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 09 01:06:23 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     | 159#  | 0.00     |
| 2       | 1,4-Dioxane                | 0.467 | 0.429 | 8.1     | 141   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.521 | 0.495 | 5.0     | 139   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.013 | 1.010 | 0.3     | 157#  | 0.00     |
| 5 S     | Phenol-d6                  | 1.312 | 1.336 | -1.8    | 160#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.183 | 1.254 | -6.0    | 158#  | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 154#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.237 | 0.278 | -17.3   | 187#  | 0.00     |
| 9       | Naphthalene                | 1.100 | 1.109 | -0.8    | 151#  | 0.00     |
| 10      | Hexachlorobutadiene        | 0.199 | 0.223 | -12.1   | 165#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.574 | 0.618 | -7.7    | 162#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.751 | 0.801 | -6.7    | 161#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 155#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.136 | 0.154 | -13.2   | 195#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.633 | 1.660 | -1.7    | 154#  | 0.00     |
| 16      | Acenaphthylene             | 1.977 | 1.939 | 1.9     | 151#  | 0.00     |
| 17      | Acenaphthene               | 1.240 | 1.252 | -1.0    | 152#  | 0.00     |
| 18      | Fluorene                   | 1.615 | 1.569 | 2.8     | 147   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 146   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.006 | 0.007 | -16.7   | 148   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.242 | 0.251 | -3.7    | 147   | 0.00     |
| 22      | Hexachlorobenzene          | 0.276 | 0.279 | -1.1    | 143   | 0.00     |
| 23      | Atrazine                   | 0.160 | 0.171 | -6.9    | 164#  | 0.00     |
| 24      | Pentachlorophenol          | 0.071 | 0.097 | -36.6#  | 204#  | 0.00     |
| 25      | Phenanthrene               | 1.215 | 1.206 | 0.7     | 141   | 0.00     |
| 26      | Anthracene                 | 1.085 | 1.062 | 2.1     | 143   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.960 | 1.058 | -10.2   | 160#  | 0.00     |
| 28      | Fluoranthene               | 1.353 | 1.452 | -7.3    | 154#  | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 161#  | 0.00     |
| 30      | Pyrene                     | 1.728 | 1.725 | 0.2     | 157#  | 0.00     |
| 31 S    | Terphenyl-d14              | 0.834 | 0.887 | -6.4    | 175#  | 0.00     |
| 32      | Benzo(a)anthracene         | 1.374 | 1.430 | -4.1    | 166#  | 0.00     |
| 33      | Chrysene                   | 1.518 | 1.506 | 0.8     | 155#  | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.455 | 1.026 | -125.5# | 335#  | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 173#  | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.632 | 1.757 | -7.7    | 193#  | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.574 | 1.552 | 1.4     | 175#  | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.617 | 1.517 | 6.2     | 165#  | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.435 | 1.540 | -7.3    | 188#  | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.268 | 1.402 | -10.6   | 192#  | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.501 | 1.398 | 6.9     | 168#  | 0.00     |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4