

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051024\  
 Data File : BN031471.D  
 Acq On : 10 May 2024 21:12  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 11 00:27:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 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   | 110   | 0.00     |
| 2       | 1,4-Dioxane                | 0.492 | 0.426 | 13.4  | 101   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.486 | 0.434 | 10.7  | 105   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.136 | 0.887 | 21.9  | 87    | 0.00     |
| 5 S     | Phenol-d6                  | 1.531 | 1.218 | 20.4  | 89    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.333 | 1.183 | 11.3  | 100   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.287 | 0.271 | 5.6   | 106   | -0.01    |
| 9       | Naphthalene                | 1.112 | 1.004 | 9.7   | 99    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.195 | 0.178 | 8.7   | 99    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.645 | 0.551 | 14.6  | 93    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.758 | 0.662 | 12.7  | 95    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 100   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.152 | 0.108 | 28.9# | 76    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.542 | 1.444 | 6.4   | 97    | -0.01    |
| 16      | Acenaphthylene             | 2.013 | 1.702 | 15.4  | 87    | -0.01    |
| 17      | Acenaphthene               | 1.255 | 1.112 | 11.4  | 92    | -0.01    |
| 18      | Fluorene                   | 1.642 | 1.404 | 14.5  | 89    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.033 | 0.029 | 12.1  | 100   | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.212 | 9.4   | 91    | -0.01    |
| 22      | Hexachlorobenzene          | 0.236 | 0.231 | 2.1   | 98    | -0.01    |
| 23      | Atrazine                   | 0.213 | 0.149 | 30.0# | 71    | -0.01    |
| 24      | Pentachlorophenol          | 0.083 | 0.061 | 26.5# | 79    | 0.00     |
| 25      | Phenanthrene               | 1.119 | 1.029 | 8.0   | 91    | 0.00     |
| 26      | Anthracene                 | 1.108 | 0.917 | 17.2  | 84    | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.110 | 0.913 | 17.7  | 82    | 0.00     |
| 28      | Fluoranthene               | 1.360 | 1.178 | 13.4  | 86    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 30      | Pyrene                     | 1.619 | 1.447 | 10.6  | 84    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.979 | 0.807 | 17.6  | 79    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.543 | 1.258 | 18.5  | 77    | 0.00     |
| 33      | Chrysene                   | 1.469 | 1.275 | 13.2  | 82    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.903 | 0.440 | 51.3# | 47#   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 81    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.594 | 1.157 | 27.4# | 61    | -0.01    |
| 37      | Benzo(b)fluoranthene       | 1.436 | 1.186 | 17.4  | 71    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.359 | 1.241 | 8.7   | 78    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.248 | 1.034 | 17.1  | 71    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.264 | 0.944 | 25.3# | 62    | -0.02    |
| 41      | Benzo(g,h,i)perylene       | 1.359 | 0.948 | 30.2# | 58    | -0.01    |

(#) = Out of Range

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

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SSTDCCC0.4