

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051024\  
 Data File : BN031485.D  
 Acq On : 11 May 2024 05:41  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 11 06:17:29 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   | 101   | 0.00     |
| 2       | 1,4-Dioxane                | 0.492 | 0.433 | 12.0  | 95    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.486 | 0.445 | 8.4   | 99    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.136 | 0.851 | 25.1# | 76    | 0.00     |
| 5 S     | Phenol-d6                  | 1.531 | 1.166 | 23.8  | 79    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.333 | 1.194 | 10.4  | 93    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.287 | 0.282 | 1.7   | 102   | -0.01    |
| 9       | Naphthalene                | 1.112 | 1.008 | 9.4   | 92    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.195 | 0.178 | 8.7   | 92    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.645 | 0.553 | 14.3  | 87    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.758 | 0.662 | 12.7  | 88    | -0.01    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 92    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.152 | 0.103 | 32.2# | 68    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.542 | 1.456 | 5.6   | 91    | -0.01    |
| 16      | Acenaphthylene             | 2.013 | 1.671 | 17.0  | 80    | -0.01    |
| 17      | Acenaphthene               | 1.255 | 1.133 | 9.7   | 87    | -0.01    |
| 18      | Fluorene                   | 1.642 | 1.431 | 12.9  | 84    | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 93    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.033 | 0.033 | 0.0   | 112   | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.206 | 12.0  | 85    | -0.01    |
| 22      | Hexachlorobenzene          | 0.236 | 0.234 | 0.8   | 96    | -0.01    |
| 23      | Atrazine                   | 0.213 | 0.136 | 36.2# | 62    | -0.01    |
| 24      | Pentachlorophenol          | 0.083 | 0.058 | 30.1# | 72    | 0.00     |
| 25      | Phenanthrene               | 1.119 | 1.028 | 8.1   | 87    | 0.00     |
| 26      | Anthracene                 | 1.108 | 0.894 | 19.3  | 78    | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.110 | 0.903 | 18.6  | 78    | 0.00     |
| 28      | Fluoranthene               | 1.360 | 1.174 | 13.7  | 82    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 30      | Pyrene                     | 1.619 | 1.456 | 10.1  | 79    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.979 | 0.806 | 17.7  | 74    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.543 | 1.204 | 22.0  | 69    | 0.00     |
| 33      | Chrysene                   | 1.469 | 1.299 | 11.6  | 78    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.903 | 0.410 | 54.6# | 41#   | -0.02    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 65    | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.594 | 1.091 | 31.6# | 46#   | -0.02    |
| 37      | Benzo(b)fluoranthene       | 1.436 | 1.286 | 10.4  | 62    | -0.01    |
| 38      | Benzo(k)fluoranthene       | 1.359 | 1.366 | -0.5  | 69    | -0.01    |
| 39 C    | Benzo(a)pyrene             | 1.248 | 0.996 | 20.2# | 55    | -0.02    |
| 40      | Dibenzo(a,h)anthracene     | 1.264 | 0.891 | 29.5# | 47#   | -0.03    |
| 41      | Benzo(g,h,i)perylene       | 1.359 | 0.925 | 31.9# | 46#   | -0.02    |

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

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BNA\_N  
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SSTDCCC0.4