

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040722\  
 Data File : BN019374.D  
 Acq On : 07 Apr 2022 12:27  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 08 06:27:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 04 17:40:00 2022  
 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   | 92    | 0.00     |
| 2       | 1,4-Dioxane                | 0.478 | 0.422 | 11.7  | 72    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.633 | 0.542 | 14.4  | 66    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.071 | 1.059 | 1.1   | 76    | 0.00     |
| 5 S     | Phenol-d6                  | 1.289 | 1.224 | 5.0   | 77    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.297 | 1.281 | 1.2   | 77    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.363 | 0.298 | 17.9  | 80    | 0.00     |
| 9       | Naphthalene                | 1.181 | 1.146 | 3.0   | 90    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.257 | 0.258 | -0.4  | 91    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.702 | 0.695 | 1.0   | 93    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.819 | 0.808 | 1.3   | 92    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.243 | 0.183 | 24.7  | 74    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.663 | 1.515 | 8.9   | 88    | 0.00     |
| 16      | Acenaphthylene             | 1.985 | 1.822 | 8.2   | 91    | 0.00     |
| 17      | Acenaphthene               | 1.320 | 1.286 | 2.6   | 96    | 0.00     |
| 18      | Fluorene                   | 1.743 | 1.660 | 4.8   | 91    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.073 | 0.018 | 75.3# | 27#   | 0.02     |
| 21      | 4-Bromophenyl-phenylether  | 0.269 | 0.238 | 11.5  | 85    | -0.01    |
| 22      | Hexachlorobenzene          | 0.315 | 0.317 | -0.6  | 96    | -0.01    |
| 23      | Atrazine                   | 0.222 | 0.170 | 23.4  | 72    | 0.00     |
| 24      | Pentachlorophenol          | 0.123 | 0.058 | 52.8# | 44#   | 0.00     |
| 25      | Phenanthrene               | 1.342 | 1.256 | 6.4   | 90    | 0.00     |
| 26      | Anthracene                 | 1.180 | 1.041 | 11.8  | 86    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.288 | 1.247 | 3.2   | 92    | 0.00     |
| 28      | Fluoranthene               | 1.592 | 1.528 | 4.0   | 91    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 112   | 0.00     |
| 30      | Pyrene                     | 1.861 | 1.805 | 3.0   | 91    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.869 | 0.827 | 4.8   | 92    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.478 | 1.345 | 9.0   | 91    | 0.00     |
| 33      | Chrysene                   | 1.642 | 1.602 | 2.4   | 93    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.100 | 0.857 | 22.1  | 76    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.674 | 1.383 | 17.4  | 75    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.567 | 1.374 | 12.3  | 85    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.638 | 1.481 | 9.6   | 85    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.408 | 1.310 | 7.0   | 87    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.295 | 1.094 | 15.5  | 74    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.552 | 1.382 | 11.0  | 82    | 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