

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051723\  
 Data File : BN025455.D  
 Acq On : 17 May 2023 16:18  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 18 03:40:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 03:36:39 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                   | Amount | Calc. | %Dev   | Area% | Dev(min) |
|---------|----------------------------|--------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0    | 98    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.445 | -11.2  | 94    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.372 | 7.0    | 101   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.431 | -7.7   | 92    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.425 | -6.2   | 93    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.301 | 24.8   | 83    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.471 | -17.7  | 105   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.427 | -6.7   | 91    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.424 | -6.0   | 91    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.410 | -2.5   | 88    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.416 | -4.0   | 90    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 88    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.448 | -12.0  | 89    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.456 | -14.0  | 88    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.411 | -2.7   | 82    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.444 | -11.0  | 88    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.417 | -4.2   | 80    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 86    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.509 | -27.2# | 115   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.421 | -5.2   | 83    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.428 | -7.0   | 83    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.373 | 6.8    | 76    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.551 | -37.8# | 148   | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.423 | -5.7   | 83    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.397 | 0.8    | 80    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.396 | 1.0    | 78    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.410 | -2.5   | 82    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 83    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.477 | -19.2  | 87    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.448 | -12.0  | 78    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.426 | -6.5   | 77    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.454 | -13.5  | 80    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.385 | 3.8    | 74    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 83    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.404 | -1.0   | 78    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.407 | -1.7   | 79    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.438 | -9.5   | 85    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.394 | 1.5    | 77    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.416 | -4.0   | 81    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.410 | -2.5   | 79    | 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