

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121121\  
 Data File : BN017910.D  
 Acq On : 11 Dec 2021 17:10  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 11 21:31:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 00:01:30 2021  
 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    | 107   | 0.00     |
| 2       | 1,4-Dioxane                | 0.121 | 0.125 | -3.3   | 117   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.367 | 0.372 | -1.4   | 112   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.825 | 0.859 | -4.1   | 116   | 0.00     |
| 5 S     | Phenol-d6                  | 0.819 | 0.864 | -5.5   | 121   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.004 | 1.026 | -2.2   | 109   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 109   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.261 | 0.232 | 11.1   | 116   | 0.00     |
| 9       | Naphthalene                | 0.995 | 0.968 | 2.7    | 107   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.283 | 0.271 | 4.2    | 105   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.703 | 0.711 | -1.1   | 110   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.662 | 0.673 | -1.7   | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 110   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.129 | 0.083 | 35.7#  | 129   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.408 | 1.363 | 3.2    | 109   | 0.00     |
| 16      | Acenaphthylene             | 1.493 | 1.448 | 3.0    | 115   | 0.00     |
| 17      | Acenaphthene               | 1.038 | 1.031 | 0.7    | 111   | 0.00     |
| 18      | Fluorene                   | 1.263 | 1.260 | 0.2    | 111   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 109   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.002 | 0.000 | 100.0# | 0#    | -15.48#  |
| 21      | 4-Bromophenyl-phenylether  | 0.229 | 0.214 | 6.6    | 111   | 0.00     |
| 22      | Hexachlorobenzene          | 0.299 | 0.289 | 3.3    | 106   | 0.00     |
| 23      | Atrazine                   | 0.142 | 0.150 | -5.6   | 125   | 0.00     |
| 24      | Pentachlorophenol          | 0.014 | 0.008 | 42.9#  | 182#  | 0.00     |
| 25      | Phenanthrene               | 1.022 | 0.993 | 2.8    | 109   | 0.00     |
| 26      | Anthracene                 | 0.852 | 0.824 | 3.3    | 113   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.297 | 1.266 | 2.4    | 111   | 0.00     |
| 28      | Fluoranthene               | 1.258 | 1.250 | 0.6    | 108   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 111   | 0.00     |
| 30      | Pyrene                     | 1.569 | 1.595 | -1.7   | 110   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.986 | 0.972 | 1.4    | 108   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.086 | 1.037 | 4.5    | 117   | -0.01    |
| 33      | Chrysene                   | 1.314 | 1.279 | 2.7    | 110   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.429 | 0.486 | -13.3  | 150#  | 0.01     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 114   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.605 | 0.577 | 4.6    | 119   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.321 | 1.253 | 5.1    | 113   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.288 | 1.446 | -12.3  | 141   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.175 | 1.126 | 4.2    | 117   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.397 | 0.481 | -21.2  | 158#  | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.636 | 0.603 | 5.2    | 122   | 0.00     |

(#) = Out of Range

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

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC0.4