

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
 Data File : BN035843.D  
 Acq On : 25 Dec 2024 05:14  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 25 07:05:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 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    | 252#  | -0.01    |
| 2       | 1,4-Dioxane                | 0.382 | 0.510 | -33.5# | 341#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.319 | 0.305 | 4.4    | 236#  | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.001 | 0.947 | 5.4    | 234#  | -0.01    |
| 5 S     | Phenol-d6                  | 1.204 | 1.574 | -30.7# | 332#  | -0.02    |
| 6       | bis(2-Chloroethyl)ether    | 1.012 | 1.223 | -20.8  | 310#  | -0.02    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 250#  | -0.02    |
| 8 S     | Nitrobenzene-d5            | 0.244 | 0.351 | -43.9# | 373#  | -0.01    |
| 9       | Naphthalene                | 1.055 | 1.347 | -27.7# | 322#  | -0.01    |
| 10      | Hexachlorobutadiene        | 0.243 | 0.340 | -39.9# | 344#  | -0.02    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.626 | 0.525 | 16.1   | 212#  | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.755 | 0.665 | 11.9   | 225#  | -0.02    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 179#  | -0.02    |
| 14 S    | 2,4,6-Tribromophenol       | 0.284 | 0.234 | 17.6   | 163#  | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.512 | 1.591 | -5.2   | 189#  | -0.02    |
| 16      | Acenaphthylene             | 1.680 | 1.553 | 7.6    | 174#  | -0.02    |
| 17      | Acenaphthene               | 1.115 | 1.070 | 4.0    | 176#  | -0.02    |
| 18      | Fluorene                   | 1.596 | 1.366 | 14.4   | 158#  | -0.02    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 142   | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.039 | 0.034 | 12.8   | 137   | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.219 | 6.4    | 138   | -0.01    |
| 22      | Hexachlorobenzene          | 0.275 | 0.322 | -17.1  | 168#  | -0.03    |
| 23      | Atrazine                   | 0.167 | 0.151 | 9.6    | 139   | 0.00     |
| 24      | Pentachlorophenol          | 0.120 | 0.106 | 11.7   | 158#  | -0.01    |
| 25      | Phenanthrene               | 1.099 | 1.056 | 3.9    | 141   | -0.01    |
| 26      | Anthracene                 | 0.994 | 0.869 | 12.6   | 131   | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.134 | 0.959 | 15.4   | 127   | -0.01    |
| 28      | Fluoranthene               | 1.481 | 1.249 | 15.7   | 125   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 114   | -0.02    |
| 30      | Pyrene                     | 1.477 | 1.627 | -10.2  | 125   | -0.01    |
| 31 S    | Terphenyl-d14              | 0.789 | 0.810 | -2.7   | 116   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.399 | 1.211 | 13.4   | 102   | 0.00     |
| 33      | Chrysene                   | 1.443 | 1.500 | -4.0   | 118   | -0.02    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.553 | 0.548 | 0.9    | 121   | -0.02    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 104   | -0.02    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.564 | 1.360 | 13.0   | 92    | -0.02    |
| 37      | Benzo(b)fluoranthene       | 1.463 | 2.273 | -55.4# | 180#  | -0.02    |
| 38      | Benzo(k)fluoranthene       | 1.440 | 1.649 | -14.5  | 122   | -0.02    |
| 39 C    | Benzo(a)pyrene             | 1.205 | 1.124 | 6.7    | 102   | -0.01    |
| 40      | Dibenzo(a,h)anthracene     | 1.234 | 0.986 | 20.1   | 86    | -0.02    |
| 41      | Benzo(g,h,i)perylene       | 1.289 | 1.248 | 3.2    | 104   | -0.03    |

(#) = Out of Range

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

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