

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
 Data File : BN035095.D  
 Acq On : 14 Nov 2024 19:35  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 15 01:08:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 17:18:14 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   | 100   | 0.00     |
| 2       | 1,4-Dioxane                | 0.363 | 0.321 | 11.6  | 96    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.339 | 0.294 | 13.3  | 91    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.015 | 0.911 | 10.2  | 97    | 0.00     |
| 5 S     | Phenol-d6                  | 1.273 | 1.198 | 5.9   | 104   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.956 | 0.886 | 7.3   | 100   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.348 | 0.309 | 11.2  | 103   | -0.01    |
| 9       | Naphthalene                | 1.044 | 0.978 | 6.3   | 107   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.306 | 0.291 | 4.9   | 106   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.713 | 0.673 | 5.6   | 108   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.770 | 0.733 | 4.8   | 110   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.289 | 0.227 | 21.5  | 100   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.624 | 1.474 | 9.2   | 107   | 0.00     |
| 16      | Acenaphthylene             | 1.709 | 1.492 | 12.7  | 106   | -0.01    |
| 17      | Acenaphthene               | 1.120 | 1.014 | 9.5   | 107   | 0.00     |
| 18      | Fluorene                   | 1.648 | 1.453 | 11.8  | 105   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.083 | 0.056 | 32.5# | 80    | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.255 | 0.239 | 6.3   | 100   | -0.01    |
| 22      | Hexachlorobenzene          | 0.264 | 0.257 | 2.7   | 105   | 0.00     |
| 23      | Atrazine                   | 0.229 | 0.189 | 17.5  | 90    | 0.00     |
| 24      | Pentachlorophenol          | 0.124 | 0.090 | 27.4# | 89    | 0.00     |
| 25      | Phenanthrene               | 1.053 | 0.989 | 6.1   | 102   | 0.00     |
| 26      | Anthracene                 | 0.967 | 0.887 | 8.3   | 99    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.225 | 1.085 | 11.4  | 96    | 0.00     |
| 28      | Fluoranthene               | 1.448 | 1.294 | 10.6  | 96    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 90    | 0.00     |
| 30      | Pyrene                     | 1.332 | 1.365 | -2.5  | 96    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.839 | 0.833 | 0.7   | 93    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.393 | 1.315 | 5.6   | 89    | 0.00     |
| 33      | Chrysene                   | 1.380 | 1.329 | 3.7   | 90    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.731 | 0.581 | 20.5  | 81    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 79    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.596 | 1.339 | 16.1  | 69    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.346 | 1.368 | -1.6  | 84    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.347 | 1.395 | -3.6  | 86    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.184 | 1.136 | 4.1   | 80    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.264 | 1.071 | 15.3  | 70    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.345 | 1.076 | 20.0  | 66    | 0.00     |

(#) = Out of Range

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

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