

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013024\  
 Data File : BN029436.D  
 Acq On : 31 Jan 2024 05:45  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 31 06:12:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 30 03:38:24 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                | 0.563 | 0.508 | 9.8  | 90    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.459 | 0.414 | 9.8  | 94    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.961 | 0.899 | 6.5  | 99    | 0.00     |
| 5 S     | Phenol-d6                  | 1.109 | 1.035 | 6.7  | 103   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.058 | 1.018 | 3.8  | 104   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 100   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.333 | 0.319 | 4.2  | 102   | 0.00     |
| 9       | Naphthalene                | 1.140 | 1.111 | 2.5  | 99    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.216 | 0.222 | -2.8 | 103   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.545 | 0.531 | 2.6  | 102   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.669 | 0.640 | 4.3  | 99    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 96    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.128 | 0.113 | 11.7 | 93    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.717 | 1.727 | -0.6 | 99    | 0.00     |
| 16      | Acenaphthylene             | 1.900 | 1.803 | 5.1  | 97    | 0.00     |
| 17      | Acenaphthene               | 1.275 | 1.237 | 3.0  | 96    | 0.00     |
| 18      | Fluorene                   | 1.599 | 1.547 | 3.3  | 97    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 95    | 0.01     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.059 | 0.056 | 5.1  | 103   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.238 | 0.228 | 4.2  | 96    | 0.00     |
| 22      | Hexachlorobenzene          | 0.292 | 0.285 | 2.4  | 97    | 0.00     |
| 23      | Atrazine                   | 0.169 | 0.166 | 1.8  | 103   | 0.00     |
| 24      | Pentachlorophenol          | 0.093 | 0.078 | 16.1 | 92    | 0.00     |
| 25      | Phenanthrene               | 1.183 | 1.125 | 4.9  | 96    | 0.00     |
| 26      | Anthracene                 | 1.008 | 0.936 | 7.1  | 96    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.969 | 0.901 | 7.0  | 97    | 0.00     |
| 28      | Fluoranthene               | 1.330 | 1.230 | 7.5  | 99    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 97    | 0.00     |
| 30      | Pyrene                     | 1.841 | 1.821 | 1.1  | 95    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.993 | 0.980 | 1.3  | 96    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.367 | 1.292 | 5.5  | 98    | 0.00     |
| 33      | Chrysene                   | 1.553 | 1.534 | 1.2  | 98    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.931 | 0.895 | 3.9  | 100   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 98    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.608 | 1.456 | 9.5  | 96    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.430 | 1.340 | 6.3  | 98    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.497 | 1.446 | 3.4  | 95    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.247 | 1.151 | 7.7  | 94    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.280 | 1.180 | 7.8  | 97    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.559 | 1.425 | 8.6  | 92    | 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