

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072724\  
 Data File : BN033053.D  
 Acq On : 28 Jul 2024 03:28  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 29 01:12:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jul 21 23:33:21 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                   | Amount | Calc. | %Dev   | Area% | Dev(min) |
|---------|----------------------------|--------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0    | 58    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.547 | -36.8# | 79    | -0.02    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.506 | -26.5# | 72    | 0.02     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.560 | -40.0# | 78    | 0.05     |
| 5 S     | Phenol-d6                  | 0.400  | 0.530 | -32.5# | 76    | 0.10     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.446 | -11.5  | 64    | 0.05     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 84    | 0.02     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.339 | 15.3   | 74    | 0.11     |
| 9       | Naphthalene                | 0.400  | 0.391 | 2.3    | 82    | 0.02     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.376 | 6.0    | 78    | -0.04    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.389 | 2.8    | 84    | 0.02     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.368 | 8.0    | 80    | 0.02     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 87    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.313 | 21.8   | 76    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.368 | 8.0    | 81    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.375 | 6.3    | 89    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.394 | 1.5    | 87    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.391 | 2.3    | 86    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 90    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.379 | 5.3    | 49    | 0.08     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.355 | 11.3   | 81    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.345 | 13.8   | 79    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.363 | 9.3    | 91    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.245 | 38.8#  | 66    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.361 | 9.8    | 84    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.288 | 28.0#  | 74    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.380 | 5.0    | 89    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.378 | 5.5    | 90    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 105   | -0.01    |
| 30      | Pyrene                     | 0.400  | 0.366 | 8.5    | 92    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.349 | 12.8   | 89    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.332 | 17.0   | 92    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.422 | -5.5   | 107   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.555 | -38.8# | 168   | -0.02    |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 115   | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.354 | 11.5   | 105   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.350 | 12.5   | 107   | -0.01    |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.387 | 3.3    | 112   | -0.01    |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.362 | 9.5    | 109   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.350 | 12.5   | 103   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.363 | 9.3    | 105   | -0.01    |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4