

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062822\  
 Data File : BN020553.D  
 Acq On : 29 Jun 2022 04:37  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 29 06:22:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 02:03:21 2022  
 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   | 117   | 0.00     |
| 2       | 1,4-Dioxane                | 0.524 | 0.476 | 9.2   | 111   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.478 | 0.384 | 19.7  | 101   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.110 | 0.976 | 12.1  | 106   | 0.00     |
| 5 S     | Phenol-d6                  | 1.327 | 1.194 | 10.0  | 110   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.142 | 1.044 | 8.6   | 113   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 120   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.324 | 0.284 | 12.3  | 115   | -0.01    |
| 9       | Naphthalene                | 1.195 | 1.148 | 3.9   | 120   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.218 | 0.203 | 6.9   | 115   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.686 | 0.635 | 7.4   | 117   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.794 | 0.756 | 4.8   | 119   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 120   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.151 | 0.123 | 18.5  | 114   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.651 | 1.600 | 3.1   | 118   | -0.01    |
| 16      | Acenaphthylene             | 1.923 | 1.752 | 8.9   | 120   | -0.01    |
| 17      | Acenaphthene               | 1.308 | 1.251 | 4.4   | 119   | -0.01    |
| 18      | Fluorene                   | 1.707 | 1.636 | 4.2   | 121   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 123   | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.051 | 0.029 | 43.1# | 95    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.233 | 0.216 | 7.3   | 123   | -0.01    |
| 22      | Hexachlorobenzene          | 0.257 | 0.247 | 3.9   | 127   | 0.00     |
| 23      | Atrazine                   | 0.183 | 0.140 | 23.5  | 104   | 0.00     |
| 24      | Pentachlorophenol          | 0.061 | 0.060 | 1.6   | 162#  | 0.00     |
| 25      | Phenanthrene               | 1.349 | 1.270 | 5.9   | 124   | -0.01    |
| 26      | Anthracene                 | 1.163 | 1.023 | 12.0  | 119   | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.188 | 1.088 | 8.4   | 122   | 0.00     |
| 28      | Fluoranthene               | 1.471 | 1.376 | 6.5   | 124   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 117   | 0.00     |
| 30      | Pyrene                     | 1.694 | 1.701 | -0.4  | 120   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.956 | 0.945 | 1.2   | 118   | -0.01    |
| 32      | Benzo(a)anthracene         | 1.429 | 1.308 | 8.5   | 114   | -0.02    |
| 33      | Chrysene                   | 1.582 | 1.508 | 4.7   | 115   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.805 | 0.616 | 23.5  | 101   | -0.02    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 95    | -0.02    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.782 | 1.536 | 13.8  | 86    | -0.03    |
| 37      | Benzo(b)fluoranthene       | 1.541 | 1.577 | -2.3  | 102   | -0.02    |
| 38      | Benzo(k)fluoranthene       | 1.641 | 1.725 | -5.1  | 107   | -0.02    |
| 39 C    | Benzo(a)pyrene             | 1.337 | 1.298 | 2.9   | 97    | -0.02    |
| 40      | Dibenzo(a,h)anthracene     | 1.429 | 1.217 | 14.8  | 86    | -0.03    |
| 41      | Benzo(g,h,i)perylene       | 1.561 | 1.346 | 13.8  | 84    | -0.03    |

(#) = Out of Range

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

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SSTDCCC0.4