

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120121\  
 Data File : BN017651.D  
 Acq On : 01 Dec 2021 15:17  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 01 16:13:46 2021  
 Quant Title :  
 QLast Update : Thu Dec 02 01:51:49 2021  
 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   | 82    | 0.04     |
| 2       | 1,4-Dioxane                | 0.269 | 0.234 | 13.0  | 70    | 0.04     |
| 3       | n-Nitrosodimethylamine     | 0.375 | 0.377 | -0.5  | 83    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.909 | 0.978 | -7.6  | 89    | 0.03     |
| 5 S     | Phenol-d6                  | 0.960 | 1.038 | -8.1  | 91    | 0.04     |
| 6       | bis(2-Chloroethyl)ether    | 1.114 | 1.078 | 3.2   | 78    | 0.04     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 84    | 0.04     |
| 8 S     | Nitrobenzene-d5            | 0.170 | 0.195 | -14.7 | 103   | 0.04     |
| 9       | Naphthalene                | 1.009 | 0.983 | 2.6   | 81    | 0.04     |
| 10      | Hexachlorobutadiene        | 0.278 | 0.273 | 1.8   | 82    | 0.04     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.698 | 0.708 | -1.4  | 84    | 0.03     |
| 12      | 2-Methylnaphthalene        | 0.666 | 0.686 | -3.0  | 83    | 0.03     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 88    | 0.03     |
| 14 S    | 2,4,6-Tribromophenol       | 0.204 | 0.205 | -0.5  | 107   | 0.03     |
| 15 S    | 2-Fluorobiphenyl           | 1.557 | 1.502 | 3.5   | 82    | 0.03     |
| 16      | Acenaphthylene             | 1.560 | 1.540 | 1.3   | 91    | 0.03     |
| 17      | Acenaphthene               | 1.078 | 1.044 | 3.2   | 85    | 0.03     |
| 18      | Fluorene                   | 1.311 | 1.346 | -2.7  | 90    | 0.01     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 98    | 0.01     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.025 | 0.001 | 96.0# | 8#    | 0.03     |
| 21      | 4-Bromophenyl-phenylether  | 0.246 | 0.227 | 7.7   | 91    | 0.02     |
| 22      | Hexachlorobenzene          | 0.298 | 0.286 | 4.0   | 91    | 0.01     |
| 23      | Atrazine                   | 0.138 | 0.136 | 1.4   | 120   | 0.02     |
| 24      | Pentachlorophenol          | 0.100 | 0.087 | 13.0  | 112   | 0.01     |
| 25      | Phenanthrene               | 1.097 | 1.047 | 4.6   | 92    | 0.02     |
| 26      | Anthracene                 | 0.943 | 0.918 | 2.7   | 98    | 0.01     |
| 27 SURR | Fluoranthene-d10           | 1.250 | 1.306 | -4.5  | 104   | 0.02     |
| 28      | Fluoranthene               | 1.242 | 1.311 | -5.6  | 101   | 0.02     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 106   | 0.02     |
| 30      | Pyrene                     | 1.291 | 1.281 | 0.8   | 103   | 0.02     |
| 31 S    | Terphenyl-d14              | 0.877 | 0.893 | -1.8  | 106   | 0.01     |
| 32      | Benzo(a)anthracene         | 1.215 | 1.185 | 2.5   | 107   | 0.02     |
| 33      | Chrysene                   | 1.322 | 1.300 | 1.7   | 101   | 0.01     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.288 | 0.356 | -23.6 | 142   | 0.01     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 72    | 0.03     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.299 | 0.725 | 44.2# | 40#   | 0.04     |
| 37      | Benzo(b)fluoranthene       | 1.326 | 1.493 | -12.6 | 82    | 0.03     |
| 38      | Benzo(k)fluoranthene       | 1.360 | 1.501 | -10.4 | 77    | 0.02     |
| 39 C    | Benzo(a)pyrene             | 1.187 | 1.188 | -0.1  | 72    | 0.03     |
| 40      | Dibenzo(a,h)anthracene     | 1.062 | 0.619 | 41.7# | 41#   | 0.04     |
| 41      | Benzo(g,h,i)perylene       | 1.092 | 0.533 | 51.2# | 35#   | 0.04     |

(#) = Out of Range

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