

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071420\  
 Data File : BN011166.D  
 Acq On : 14 Jul 2020 19:15  
 Operator : CG/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDC00.4

Quant Time: Jul 14 19:47:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 14 15:08:13 2020  
 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                   | AvqRF | CCRF  | %Dev | Area% | Dev(min) |
|---------|----------------------------|-------|-------|------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0  | 74    | 0.00     |
| 2       | 1,4-Dioxane                | 0.572 | 0.482 | 15.7 | 58    | -0.04    |
| 3       | n-Nitrosodimethylamine     | 0.288 | 0.290 | -0.7 | 79    | 0.01     |
| 4 S     | 2-Fluorophenol             | 0.986 | 0.920 | 6.7  | 66    | 0.00     |
| 5 S     | Phenol-d6                  | 1.115 | 1.150 | -3.1 | 75    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.021 | 0.940 | 7.9  | 73    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 80    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.355 | 0.343 | 3.4  | 77    | 0.00     |
| 9       | Naphthalene                | 1.190 | 1.099 | 7.6  | 75    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.295 | 0.278 | 5.8  | 73    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.649 | 0.686 | -5.7 | 81    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.749 | 0.776 | -3.6 | 80    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 96    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.178 | 0.195 | -9.6 | 103   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.874 | 1.722 | 8.1  | 83    | 0.00     |
| 16      | Acenaphthylene             | 2.036 | 1.856 | 8.8  | 90    | 0.00     |
| 17      | Acenaphthene               | 1.358 | 1.284 | 5.4  | 91    | 0.00     |
| 18      | Fluorene                   | 1.742 | 1.735 | 0.4  | 84    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 121   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.053 | 0.055 | -3.8 | 123   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.272 | 0.298 | -9.6 | 132   | 0.00     |
| 22      | Hexachlorobenzene          | 0.316 | 0.254 | 19.6 | 96    | 0.00     |
| 23      | Atrazine                   | 0.191 | 0.183 | 4.2  | 115   | 0.00     |
| 24      | Pentachlorophenol          | 0.094 | 0.086 | 8.5  | 119   | 0.00     |
| 25      | Phenanthrene               | 1.285 | 1.187 | 7.6  | 112   | 0.00     |
| 26      | Anthracene                 | 1.067 | 0.973 | 8.8  | 111   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.261 | 1.226 | 2.8  | 115   | 0.00     |
| 28      | Fluoranthene               | 1.541 | 1.487 | 3.5  | 111   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 131   | 0.00     |
| 30      | Pyrene                     | 1.527 | 1.418 | 7.1  | 108   | 0.00     |
| 31 S    | Terphenyl-d14              | 1.041 | 1.011 | 2.9  | 121   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.296 | 1.198 | 7.6  | 125   | 0.00     |
| 33      | Chrysene                   | 1.584 | 1.458 | 8.0  | 121   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.534 | 0.553 | -3.6 | 138   | 0.00     |
| 35      | Indeno(1,2,3-cd)pyrene     | 1.656 | 1.546 | 6.6  | 106   | 0.00     |
| 36 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 130   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.607 | 1.378 | 14.3 | 124   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.816 | 1.643 | 9.5  | 117   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.447 | 1.263 | 12.7 | 112   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.533 | 1.238 | 19.2 | 102   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.683 | 1.303 | 22.6 | 98    | 0.00     |

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LabSampleId :  
SSTDCCC0.4

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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) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

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