

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030322\  
 Data File : BN018809.D  
 Acq On : 03 Mar 2022 02:53  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 03 04:35:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN030322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 03 00:44:34 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   | 110   | 0.00     |
| 2       | 1,4-Dioxane                | 0.447 | 0.460 | -2.9  | 112   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.472 | 0.466 | 1.3   | 114   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.875 | 0.847 | 3.2   | 111   | 0.00     |
| 5 S     | Phenol-d6                  | 1.050 | 0.985 | 6.2   | 112   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.133 | 1.112 | 1.9   | 110   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 111   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.292 | 0.259 | 11.3  | 111   | 0.00     |
| 9       | Naphthalene                | 1.146 | 1.103 | 3.8   | 111   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.261 | 0.252 | 3.4   | 108   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.652 | 0.613 | 6.0   | 109   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.798 | 0.730 | 8.5   | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.184 | 0.149 | 19.0  | 103   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.715 | 1.687 | 1.6   | 107   | 0.00     |
| 16      | Acenaphthylene             | 1.825 | 1.635 | 10.4  | 105   | 0.00     |
| 17      | Acenaphthene               | 1.295 | 1.248 | 3.6   | 108   | 0.00     |
| 18      | Fluorene                   | 1.684 | 1.601 | 4.9   | 106   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.049 | 0.042 | 14.3  | 95    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.267 | 0.254 | 4.9   | 105   | -0.01    |
| 22      | Hexachlorobenzene          | 0.332 | 0.326 | 1.8   | 106   | 0.00     |
| 23      | Atrazine                   | 0.157 | 0.131 | 16.6  | 101   | 0.00     |
| 24      | Pentachlorophenol          | 0.080 | 0.057 | 28.7# | 96    | 0.00     |
| 25      | Phenanthrene               | 1.328 | 1.275 | 4.0   | 104   | -0.01    |
| 26      | Anthracene                 | 1.119 | 1.011 | 9.7   | 104   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.178 | 1.048 | 11.0  | 100   | 0.00     |
| 28      | Fluoranthene               | 1.510 | 1.355 | 10.3  | 100   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 30      | Pyrene                     | 1.786 | 1.895 | -6.1  | 100   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.855 | 0.900 | -5.3  | 101   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.502 | 1.342 | 10.7  | 87    | 0.00     |
| 33      | Chrysene                   | 1.651 | 1.641 | 0.6   | 94    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.928 | 0.546 | 41.2# | 20#   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 90    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.798 | 1.690 | 6.0   | 92    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.862 | 1.765 | 5.2   | 90    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.837 | 1.722 | 6.3   | 88    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.431 | 1.335 | 6.7   | 89    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.378 | 1.283 | 6.9   | 91    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.480 | 1.409 | 4.8   | 92    | 0.00     |

(#) = Out of Range

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

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SSTDCCC0.4