

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081622\  
 Data File : BN021263.D  
 Acq On : 16 Aug 2022 19:47  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 17 05:14:53 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 09:19:59 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   | 114   | 0.00     |
| 2       | 1,4-Dioxane                | 0.558 | 0.533 | 4.5   | 121   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.455 | 0.383 | 15.8  | 127   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.998 | 0.924 | 7.4   | 117   | 0.00     |
| 5 S     | Phenol-d6                  | 1.165 | 1.014 | 13.0  | 108   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.983 | 0.756 | 23.1  | 89    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 118   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.296 | 0.232 | 21.6  | 129   | 0.00     |
| 9       | Naphthalene                | 1.210 | 1.136 | 6.1   | 117   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.217 | 0.196 | 9.7   | 116   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.696 | 0.584 | 16.1  | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.825 | 0.699 | 15.3  | 112   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 110   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.131 | 0.101 | 22.9  | 108   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.591 | 1.543 | 3.0   | 112   | 0.00     |
| 16      | Acenaphthylene             | 1.922 | 1.626 | 15.4  | 108   | 0.00     |
| 17      | Acenaphthene               | 1.321 | 1.223 | 7.4   | 110   | 0.00     |
| 18      | Fluorene                   | 1.680 | 1.516 | 9.8   | 110   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 123   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.040 | 0.024 | 40.0# | 100   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.246 | 0.222 | 9.8   | 133   | 0.00     |
| 22      | Hexachlorobenzene          | 0.277 | 0.257 | 7.2   | 134   | 0.00     |
| 23      | Atrazine                   | 0.158 | 0.128 | 19.0  | 128   | 0.00     |
| 24      | Pentachlorophenol          | 0.062 | 0.040 | 35.5# | 102   | -0.01    |
| 25      | Phenanthrene               | 1.331 | 1.219 | 8.4   | 135   | 0.00     |
| 26      | Anthracene                 | 1.112 | 0.922 | 17.1  | 126   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.086 | 0.980 | 9.8   | 130   | 0.00     |
| 28      | Fluoranthene               | 1.392 | 1.273 | 8.5   | 135   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 128   | 0.00     |
| 30      | Pyrene                     | 2.060 | 2.017 | 2.1   | 134   | 0.00     |
| 31 S    | Terphenyl-d14              | 1.091 | 1.027 | 5.9   | 130   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.301 | 1.131 | 13.1  | 127   | 0.00     |
| 33      | Chrysene                   | 1.617 | 1.520 | 6.0   | 133   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.889 | 0.767 | 13.7  | 123   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 112   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.769 | 1.566 | 11.5  | 112   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.669 | 1.540 | 7.7   | 111   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.684 | 1.562 | 7.2   | 115   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.392 | 1.268 | 8.9   | 108   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.368 | 1.200 | 12.3  | 110   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.590 | 1.417 | 10.9  | 110   | 0.00     |

(#) = Out of Range

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

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SSTDCCC0.4