

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE022619\  
 Data File : BE098761.D  
 Acq On : 26 Feb 2019 15:10  
 Operator : JU/SJ  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE022619

Quant Time: Feb 26 16:22:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE022619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 26 15:44:42 2019  
 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    | 95    | -0.01    |
| 2       | 1,4-Dioxane                | 0.690 | 0.663 | 3.9    | 92    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.758 | 0.634 | 16.4   | 78    | -0.01    |
| 4 S     | 2-Fluorophenol             | 1.043 | 0.979 | 6.1    | 91    | 0.00     |
| 5 S     | Phenol-d6                  | 1.560 | 1.452 | 6.9    | 91    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.071 | 0.941 | 12.1   | 85    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 93    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.380 | 0.378 | 0.5    | 93    | 0.00     |
| 9       | Naphthalene                | 4.611 | 4.421 | 4.1    | 91    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.306 | 0.292 | 4.6    | 90    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.757 | 0.721 | 4.8    | 93    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.735 | 0.705 | 4.1    | 94    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 99    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.158 | 0.151 | 4.4    | 94    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.693 | 1.556 | 8.1    | 91    | 0.01     |
| 16      | Acenaphthylene             | 2.045 | 1.899 | 7.1    | 96    | 0.00     |
| 17      | Acenaphthene               | 1.209 | 1.123 | 7.1    | 94    | 0.01     |
| 18      | Fluorene                   | 1.673 | 1.555 | 7.1    | 95    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.225 | 0.212 | 5.8    | 96    | 0.00     |
| 21      | Hexachlorobenzene          | 0.270 | 0.261 | 3.3    | 92    | 0.00     |
| 22      | Pentachlorophenol          | 0.061 | 0.068 | -11.5  | 131   | 0.00     |
| 23      | Phenanthrene               | 1.096 | 1.060 | 3.3    | 95    | 0.00     |
| 24      | Anthracene                 | 0.885 | 0.819 | 7.5    | 94    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.692 | 5.463 | 4.0    | 94    | 0.00     |
| 26      | Fluoranthene               | 1.414 | 1.351 | 4.5    | 95    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 28      | Pyrene                     | 1.329 | 1.245 | 6.3    | 94    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.992 | 0.926 | 6.7    | 93    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.152 | 1.157 | -0.4   | 105   | 0.00     |
| 31      | Chrysene                   | 1.300 | 1.214 | 6.6    | 89    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.456 | 2.095 | 14.7   | 90    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.032 | 1.416 | -37.2# | 128   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 92    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.260 | 1.264 | -0.3   | 94    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.313 | 1.377 | -4.9   | 99    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.163 | 1.196 | -2.8   | 98    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.739 | 1.290 | -74.6# | 171#  | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 1.085 | 1.288 | -18.7  | 111   | 0.00     |

(#) = Out of Range

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