

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\  
 Data File : BE096834.D  
 Acq On : 20 Jun 2018 15:30  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE062018

Quant Time: Jun 20 16:08:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 20 15:45:14 2018  
 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  | 103   | 0.00     |
| 2       | 1,4-Dioxane                | 0.599 | 0.574 | 4.2  | 94    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.635 | 0.553 | 12.9 | 93    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.894 | 0.766 | 14.3 | 95    | 0.00     |
| 5 S     | Phenol-d6                  | 1.334 | 1.153 | 13.6 | 96    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.462 | 1.267 | 13.3 | 92    | -0.01    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 105   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.242 | 0.210 | 13.2 | 97    | 0.00     |
| 9       | Naphthalene                | 3.630 | 3.163 | 12.9 | 92    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.151 | 0.135 | 10.6 | 94    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.576 | 0.491 | 14.8 | 89    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.602 | 0.512 | 15.0 | 90    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 102   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.095 | 0.079 | 16.8 | 99    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.464 | 1.303 | 11.0 | 90    | 0.00     |
| 16      | Acenaphthylene             | 1.734 | 1.488 | 14.2 | 90    | 0.00     |
| 17      | Acenaphthene               | 1.147 | 0.988 | 13.9 | 87    | 0.00     |
| 18      | Fluorene                   | 1.348 | 1.167 | 13.4 | 91    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.180 | 0.150 | 16.7 | 92    | 0.00     |
| 21      | Hexachlorobenzene          | 0.206 | 0.173 | 16.0 | 89    | 0.00     |
| 22      | Pentachlorophenol          | 0.038 | 0.031 | 18.4 | 115   | 0.00     |
| 23      | Phenanthrene               | 0.983 | 0.828 | 15.8 | 93    | 0.00     |
| 24      | Anthracene                 | 0.815 | 0.685 | 16.0 | 97    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 3.521 | 2.976 | 15.5 | 97    | 0.00     |
| 26      | Fluoranthene               | 0.994 | 0.871 | 12.4 | 95    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 110   | 0.00     |
| 28      | Pvrene                     | 1.157 | 1.064 | 8.0  | 103   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.772 | 0.697 | 9.7  | 101   | 0.00     |
| 30      | Benzo(a)anthracene         | 0.886 | 0.793 | 10.5 | 108   | 0.00     |
| 31      | Chrysene                   | 1.095 | 0.951 | 13.2 | 97    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.794 | 0.776 | 2.3  | 120   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.814 | 0.714 | 12.3 | 104   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 116   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.092 | 0.896 | 17.9 | 101   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.233 | 1.021 | 17.2 | 103   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.867 | 0.754 | 13.0 | 107   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.889 | 0.721 | 18.9 | 103   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.969 | 0.799 | 17.5 | 103   | 0.00     |

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| Compound           | AvgRF                        | CCRF | %Dev Area | % Dev(min) |
|--------------------|------------------------------|------|-----------|------------|
| -----              |                              |      |           |            |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |      |           |            |