

Data Path : U:\HPCHEM1\BNA E\Data\BE082217\  
 Data File : BE093879.D  
 Acq On : 22 Aug 2017 17:16  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 23 01:59:04 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 14:30:21 2017  
 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                   | Amount | Calc. | %Dev   | Area% | Dev(min) |
|---------|----------------------------|--------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0    | 82    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.319 | 20.3   | 65    | -0.01    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.356 | 11.0   | 71    | 0.01     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.345 | 13.8   | 72    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.346 | 13.5   | 74    | 0.01     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.345 | 13.8   | 73    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 87    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.344 | 14.0   | 79    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.351 | 12.3   | 77    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.336 | 16.0   | 74    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.351 | 12.3   | 77    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.345 | 13.8   | 76    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 85    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.301 | 24.8   | 71    | 0.03     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.350 | 12.5   | 75    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.346 | 13.5   | 77    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.342 | 14.5   | 73    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.339 | 15.3   | 73    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 68    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.533 | -33.3# | 92    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.465 | -16.3  | 76    | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.244 | 39.0#  | 44    | 0.03     |
| 23      | Phenanthrene               | 0.400  | 0.417 | -4.2   | 72    | 0.03     |
| 24      | Anthracene                 | 0.400  | 0.311 | 22.3   | 54    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.397 | 0.8    | 64    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.387 | 3.3    | 63    | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 68    | 0.01     |
| 28      | Pvrene                     | 0.400  | 0.353 | 11.8   | 61    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.357 | 10.8   | 62    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.330 | 17.5   | 58    | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.355 | 11.3   | 61    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.329 | 17.8   | 55    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.263 | 34.3#  | 45    | 0.05     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 66    | 0.02     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.307 | 23.3   | 50    | 0.01     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.369 | 7.8    | 62    | 0.01     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.335 | 16.3   | 55    | 0.02     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.274 | 31.5#  | 46    | 0.04     |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.284 | 29.0#  | 47    | 0.03     |

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