

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE103017\  
 Data File : BE094644.D  
 Acq On : 30 Oct 2017 15:54  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 31 19:37:51 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 22:40:47 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    | 105   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.355 | 11.3   | 80    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.326 | 18.5   | 85    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.349 | 12.8   | 91    | 0.01     |
| 5 S     | Phenol-d6                  | 0.400  | 0.392 | 2.0    | 105   | 0.01     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.359 | 10.3   | 95    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 113   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.350 | 12.5   | 103   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.347 | 13.3   | 96    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.384 | 4.0    | 107   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.347 | 13.3   | 96    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.345 | 13.8   | 97    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 102   | 0.02     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.364 | 9.0    | 96    | 0.03     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.372 | 7.0    | 93    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.354 | 11.5   | 91    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.359 | 10.3   | 90    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.347 | 13.3   | 88    | 0.02     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 96    | 0.03     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.337 | 15.8   | 83    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.613 | -53.2# | 128   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.425 | -6.2   | 102   | 0.00     |
| 23      | Phenanthrene               | 0.400  | 0.466 | -16.5  | 102   | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.361 | 9.8    | 85    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.418 | -4.5   | 91    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.415 | -3.7   | 91    | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 100   | 0.00     |
| 28      | Pyrene                     | 0.400  | 0.359 | 10.3   | 91    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.359 | 10.3   | 91    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.363 | 9.3    | 91    | 0.01     |
| 31      | Chrysene                   | 0.400  | 0.365 | 8.8    | 94    | 0.01     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.369 | 7.8    | 101   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.323 | 19.3   | 82    | 0.05     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 98    | 0.02     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.370 | 7.5    | 94    | 0.01     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.366 | 8.5    | 91    | 0.02     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.371 | 7.3    | 91    | 0.02     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.344 | 14.0   | 87    | 0.04     |
| 39      | Benzo(g,h,i)perylene       | 0.400  | 0.325 | 18.8   | 81    | 0.06     |

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|--------------------|------------------------------|-------|------|-------|----------|
| -----              |                              |       |      |       |          |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |       |      |       |          |