

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\  
 Data File : BE091739.D  
 Acq On : 29 Apr 2016 19:07  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 29 23:55:12 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 26 16:09:46 2016  
 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     | 5.000  | 5.000 | 0.0   | 93    | 0.00     |
| 2    | 1,4-Dioxane                | 0.400  | 0.347 | 13.3  | 78    | 0.02     |
| 3    | n-Nitrosodimethylamine     | 0.400  | 0.328 | 18.0  | 78    | 0.02     |
| 4 S  | 2-Fluorophenol             | 0.400  | 0.348 | 13.0  | 83    | 0.00     |
| 5 S  | Phenol-d6                  | 0.400  | 0.328 | 18.0  | 81    | 0.02     |
| 6    | bis(2-Chloroethyl)ether    | 0.400  | 0.376 | 6.0   | 86    | 0.00     |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0   | 91    | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.400  | 0.327 | 18.3  | 80    | 0.01     |
| 9    | Nitrobenzene               | 0.400  | 0.318 | 20.5  | 79    | 0.00     |
| 10   | Naphthalene                | 0.400  | 0.407 | -1.7  | 91    | 0.00     |
| 11   | Hexachlorobutadiene        | 0.400  | 0.404 | -1.0  | 94    | -0.02    |
| 12   | 2-Methylnaphthalene        | 0.400  | 0.382 | 4.5   | 87    | 0.00     |
| 13 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0   | 87    | -0.01    |
| 14 S | 2,4,6-Tribromophenol       | 0.400  | 0.408 | -2.0  | 71    | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 0.400  | 0.399 | 0.3   | 88    | 0.00     |
| 16   | Acenaphthylene             | 0.400  | 0.382 | 4.5   | 94    | 0.00     |
| 17   | Acenaphthene               | 0.400  | 0.384 | 4.0   | 84    | 0.00     |
| 18   | Fluorene                   | 0.400  | 0.391 | 2.3   | 85    | 0.00     |
| 19 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0   | 88    | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 0.400  | 0.370 | 7.5   | 80    | 0.00     |
| 21   | Hexachlorobenzene          | 0.400  | 0.400 | 0.0   | 88    | 0.00     |
| 22   | Pentachlorophenol          | 0.400  | 0.310 | 22.5  | 64    | 0.00     |
| 23   | Phenanthrene               | 0.400  | 0.406 | -1.5  | 87    | 0.00     |
| 24   | Anthracene                 | 0.400  | 0.376 | 6.0   | 84    | 0.00     |
| 25   | Fluoranthene               | 0.400  | 0.405 | -1.3  | 88    | 0.00     |
| 26 I | Chrysene-d12               | 5.000  | 5.000 | 0.0   | 78    | 0.00     |
| 27   | Benzydine                  | 0.400  | 0.374 | 6.5   | 72    | 0.00     |
| 28   | Pvrene                     | 0.400  | 0.432 | -8.0  | 87    | 0.00     |
| 29 S | Terphenyl-d14              | 0.400  | 0.421 | -5.2  | 84    | 0.00     |
| 30   | Benzo(a)anthracene         | 0.400  | 0.393 | 1.8   | 78    | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 0.400  | 0.337 | 15.8  | 75    | -0.02    |
| 32   | Chrysene                   | 0.400  | 0.465 | -16.3 | 85    | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 0.400  | 0.385 | 3.8   | 97    | -0.02    |
| 34   | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.457 | -14.2 | 87    | -0.01    |
| 35 I | Perylene-d12               | 5.000  | 5.000 | 0.0   | 88    | -0.01    |
| 36   | Benzo(b)fluoranthene       | 0.400  | 0.421 | -5.2  | 96    | -0.01    |
| 37   | Benzo(k)fluoranthene       | 0.400  | 0.348 | 13.0  | 80    | 0.00     |
| 38 C | Benzo(a)pyrene             | 0.400  | 0.376 | 6.0   | 87    | 0.00     |
| 39   | Dibenzo(a,h)anthracene     | 0.400  | 0.381 | 4.8   | 86    | -0.02    |
| 40   | Benzo(a,h,i)perylene       | 0.400  | 0.376 | 6.0   | 86    | -0.02    |

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| Compound | Amount | Calc. | %Dev Area | % Dev(min) |
|----------|--------|-------|-----------|------------|
|----------|--------|-------|-----------|------------|

(#) = Out of Range

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