

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE090117\  
 Data File : BE093901.D  
 Acq On : 1 Sep 2017 14:28  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 02 01:18:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 01 16:31:36 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 118   | 0.00     |
| 2       | 1,4-Dioxane                | 0.550 | 0.477 | 13.3  | 110   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.612 | 0.593 | 3.1   | 121   | -0.01    |
| 4 S     | 2-Fluorophenol             | 1.231 | 1.169 | 5.0   | 115   | 0.00     |
| 5 S     | Phenol-d6                  | 1.882 | 1.725 | 8.3   | 114   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.450 | 1.358 | 6.3   | 115   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 124   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.333 | 0.309 | 7.2   | 120   | 0.00     |
| 9       | Naphthalene                | 4.555 | 3.930 | 13.7  | 108   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.161 | 0.148 | 8.1   | 118   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.633 | 0.555 | 12.3  | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.761 | 0.650 | 14.6  | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 124   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.107 | 0.093 | 13.1  | 125   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.592 | 1.361 | 14.5  | 110   | -0.01    |
| 16      | Acenaphthylene             | 1.979 | 1.752 | 11.5  | 118   | 0.00     |
| 17      | Acenaphthene               | 1.335 | 1.156 | 13.4  | 113   | 0.00     |
| 18      | Fluorene                   | 1.727 | 1.529 | 11.5  | 116   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 129   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.166 | 0.140 | 15.7  | 109   | 0.00     |
| 21      | Hexachlorobenzene          | 0.144 | 0.127 | 11.8  | 109   | 0.00     |
| 22      | Pentachlorophenol          | 0.063 | 0.058 | 7.9   | 146   | 0.00     |
| 23      | Phenanthrene               | 1.017 | 0.814 | 20.0  | 107   | 0.00     |
| 24      | Anthracene                 | 1.212 | 1.051 | 13.3  | 121   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.612 | 4.661 | -1.1  | 125   | 0.00     |
| 26      | Fluoranthene               | 1.393 | 1.392 | 0.1   | 125   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 133   | 0.00     |
| 28      | Pyrene                     | 1.346 | 1.205 | 10.5  | 127   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.724 | 0.647 | 10.6  | 126   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.188 | 1.090 | 8.2   | 132   | -0.01    |
| 31      | Chrysene                   | 1.320 | 1.132 | 14.2  | 120   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.504 | 2.863 | -14.3 | 171#  | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.901 | 0.895 | 0.7   | 142   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 144   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.277 | 1.113 | 12.8  | 138   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.460 | 1.180 | 19.2  | 120   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.268 | 1.099 | 13.3  | 134   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.895 | 0.839 | 6.3   | 142   | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 0.975 | 0.926 | 5.0   | 147   | 0.00     |

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