

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM090216\  
 Data File : BM007365.D  
 Acq On : 02 Sep 2016 12:41  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 02 14:26:34 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM090116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 12:51:17 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                   | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0  | 104   | 0.00     |
| 2    | 1,4-Dioxane                | 0.443 | 0.460 | -3.8 | 106   | 0.00     |
| 3    | n-Nitrosodimethylamine     | 0.476 | 0.510 | -7.1 | 142   | 0.00     |
| 4 S  | 2-Fluorophenol             | 1.032 | 0.995 | 3.6  | 109   | 0.00     |
| 5 S  | Phenol-d6                  | 1.400 | 1.278 | 8.7  | 114   | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 1.086 | 1.071 | 1.4  | 115   | 0.00     |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 104   | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.281 | 0.264 | 6.0  | 127   | -0.01    |
| 9    | Nitrobenzene               | 0.269 | 0.258 | 4.1  | 119   | -0.01    |
| 10   | Naphthalene                | 1.144 | 1.183 | -3.4 | 114   | 0.00     |
| 11   | Hexachlorobutadiene        | 0.209 | 0.212 | -1.4 | 112   | -0.02    |
| 12   | 2-Methylnaphthalene        | 0.817 | 0.855 | -4.7 | 116   | 0.00     |
| 13 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 100   | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 0.194 | 0.190 | 2.1  | 103   | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.553 | 1.630 | -5.0 | 116   | 0.00     |
| 16   | Acenaphthylene             | 2.164 | 2.185 | -1.0 | 116   | 0.00     |
| 17   | Acenaphthene               | 1.495 | 1.541 | -3.1 | 114   | 0.00     |
| 18   | Fluorene                   | 1.757 | 1.844 | -5.0 | 115   | 0.00     |
| 19 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 101   | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 0.202 | 0.202 | 0.0  | 118   | 0.00     |
| 21   | Hexachlorobenzene          | 0.256 | 0.276 | -7.8 | 118   | 0.00     |
| 22   | Pentachlorophenol          | 0.079 | 0.083 | -5.1 | 123   | 0.00     |
| 23   | Phenanthrene               | 1.276 | 1.351 | -5.9 | 117   | 0.00     |
| 24   | Anthracene                 | 1.283 | 1.332 | -3.8 | 118   | 0.00     |
| 25   | Fluoranthene               | 1.502 | 1.554 | -3.5 | 121   | 0.00     |
| 26 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 116   | 0.00     |
| 27   | Benzydine                  | 0.324 | 0.254 | 21.6 | 105   | 0.00     |
| 28   | Pyrene                     | 1.425 | 1.390 | 2.5  | 119   | 0.00     |
| 29 S | Terphenyl-d14              | 0.671 | 0.642 | 4.3  | 119   | 0.00     |
| 30   | Benzo(a)anthracene         | 1.446 | 1.461 | -1.0 | 131   | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 0.400 | 0.339 | 15.3 | 112   | 0.00     |
| 32   | Chrysene                   | 1.408 | 1.385 | 1.6  | 116   | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 0.753 | 0.636 | 15.5 | 103   | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.237 | 1.150 | 7.0  | 123   | 0.00     |
| 35 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 108   | 0.01     |
| 36   | Benzo(b)fluoranthene       | 1.559 | 1.537 | 1.4  | 115   | 0.00     |
| 37   | Benzo(k)fluoranthene       | 1.438 | 1.504 | -4.6 | 128   | 0.00     |
| 38 C | Benzo(a)pyrene             | 1.385 | 1.372 | 0.9  | 121   | 0.01     |
| 39   | Dibenzo(a,h)anthracene     | 1.123 | 1.114 | 0.8  | 124   | 0.01     |
| 40   | Benzo(g,h,i)perylene       | 1.165 | 1.182 | -1.5 | 123   | 0.00     |

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