

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\  
 Data File : BE094894.D  
 Acq On : 30 Nov 2017 16:12  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE113017

Quant Time: Nov 30 16:46:45 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 30 16:29:49 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                   | AvqRF | CCRF  | %Dev | Area% | Dev(min) |
|---------|----------------------------|-------|-------|------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0  | 100   | 0.00     |
| 2       | 1,4-Dioxane                | 0.419 | 0.391 | 6.7  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.533 | 0.496 | 6.9  | 94    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.633 | 0.593 | 6.3  | 93    | 0.00     |
| 5 S     | Phenol-d6                  | 0.938 | 0.885 | 5.7  | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.930 | 0.909 | 2.3  | 96    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.237 | 0.226 | 4.6  | 91    | 0.00     |
| 9       | Naphthalene                | 4.690 | 4.677 | 0.3  | 94    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.198 | 0.200 | -1.0 | 95    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.638 | 0.632 | 0.9  | 93    | 0.00     |
| 12      | 2-Methylnaphthalene        | 1.165 | 1.142 | 2.0  | 94    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 93    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.086 | 0.081 | 5.8  | 92    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.713 | 1.778 | -3.8 | 95    | 0.00     |
| 16      | Acenaphthylene             | 2.260 | 2.203 | 2.5  | 93    | 0.00     |
| 17      | Acenaphthene               | 1.461 | 1.451 | 0.7  | 94    | 0.00     |
| 18      | Fluorene                   | 1.859 | 1.858 | 0.1  | 92    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 93    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.223 | 0.227 | -1.8 | 96    | 0.00     |
| 21      | Hexachlorobenzene          | 0.218 | 0.225 | -3.2 | 95    | 0.00     |
| 22      | Pentachlorophenol          | 0.054 | 0.051 | 5.6  | 97    | 0.00     |
| 23      | Phenanthrene               | 1.275 | 1.264 | 0.9  | 91    | 0.00     |
| 24      | Anthracene                 | 1.351 | 1.327 | 1.8  | 94    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.466 | 5.475 | -0.2 | 94    | 0.00     |
| 26      | Fluoranthene               | 1.638 | 1.637 | 0.1  | 94    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 94    | 0.00     |
| 28      | Pvrene                     | 1.381 | 1.345 | 2.6  | 92    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.739 | 0.744 | -0.7 | 96    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.227 | 1.182 | 3.7  | 93    | 0.00     |
| 31      | Chrysene                   | 1.355 | 1.358 | -0.2 | 94    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.033 | 1.657 | 18.5 | 89    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.109 | 1.070 | 3.5  | 92    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 92    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.460 | 1.464 | -0.3 | 94    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.489 | 1.477 | 0.8  | 94    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.280 | 1.251 | 2.3  | 92    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.183 | 1.173 | 0.8  | 93    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.181 | 1.183 | -0.2 | 94    | 0.00     |

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