

Data Path : Z:\HPCHEM1\BNA\_B\DATA\BB101916\  
 Data File : BB058649.D  
 Acq On : 19 Oct 2016 12:40  
 Operator : UM/SJ  
 Sample : SSTD04093  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTD04093

Manual Integrations  
 APPROVED

umangi  
 10/20/2016 5:02:13 PM

Quant Time: Oct 19 13:59:38 2016  
 Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101916-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 13:51:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.68  | 152  | 565151   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.64 | 136  | 2217927  | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 15.59 | 164  | 1305943  | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 18.44 | 188  | 1945529m | 20.00 | ng/ul | 0.02     |
| 23) Chrysene-d12          | 22.81 | 240  | 2216732  | 20.00 | ng/ul | 0.02     |
| 25) Perylene-d12          | 25.89 | 264  | 1523062  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.67  | 96  | 203043  | 16.25 | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.83  | 99  | 1704271 | 41.53 | ng/ul | 0.02 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.97  | 67  | 1186124 | 43.15 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 8.20  | 132 | 1743630 | 40.96 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 9.47  | 113 | 1372830 | 40.40 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.91  | 128 | 890049  | 38.76 | ng/ul | 0.02 |
| 9) 2-Nitrophenol-d4            | 10.68 | 143 | 994401  | 40.31 | ng/ul | 0.02 |
| 10) 2,4-Dichlorophenol-d3      | 11.26 | 165 | 1361558 | 38.92 | ng/ul | 0.02 |
| 11) 4-Chloroaniline-d4         | 11.78 | 131 | 1816765 | 43.15 | ng/ul | 0.02 |
| 14) Dimethylphthalate-d6       | 14.97 | 166 | 3385746 | 38.99 | ng/ul | 0.02 |
| 15) Acenaphthylene-d8          | 15.26 | 160 | 4055856 | 39.60 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 15.80 | 143 | 758081  | 38.01 | ng/ul | 0.02 |
| 17) Fluorene-d10               | 16.61 | 176 | 2718810 | 38.22 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 16.75 | 200 | 808308  | 39.10 | ng/ul | 0.02 |
| 20) Anthracene-d10             | 18.54 | 188 | 3653507 | 41.77 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 20.87 | 212 | 3933008 | 40.38 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 25.68 | 264 | 2877868 | 41.38 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |          |       |       | Qvalue |
|--------------------------------|-------|-----|----------|-------|-------|--------|
| 12) 1-Methylnaphthalene        | 13.57 | 142 | 2784605m | 39.44 | ng/ul |        |
| 21) 1,2,3,4-Tetrachlorobenzene | 14.36 | 216 | 1417669  | 40.94 | ng/uL | 100    |
| 22) Pentachlorobenzene         | 15.94 | 250 | 1412970  | 41.25 | ng/uL | 100    |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_B\DATA\BB101916\  
Data File : BB058649.D  
Acq On : 19 Oct 2016 12:40  
Operator : UM/SJ  
Sample : SSTD04093  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_B  
ClientSampleId :  
SSTD04093

Manual Integrations  
APPROVED

umangi  
10/20/2016 5:02:13 PM

Quant Time: Oct 19 13:59:38 2016  
Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101916-MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 19 13:51:45 2016  
Response via : Initial Calibration

