

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\  
 Data File : BG024481.D  
 Acq On : 21 Oct 2016 3:02  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

Quant Time: Oct 21 08:57:31 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 21 08:52:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 128446   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.11 | 136  | 581709   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.89 | 164  | 475220   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.73 | 188  | 858394   | 20.00 | ng/ul | 0.10     |
| 23) Chrysene-d12          | 22.03 | 240  | 1183     | 20.00 | ng/ul | 0.09     |
| 25) Perylene-d12          | 25.38 | 264  | 1120213  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.64  | 96  | 18630  | 6.19  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.41  | 99  | 236175 | 23.73 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67  | 141152 | 23.93 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.80  | 132 | 161594 | 21.15 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.97  | 113 | 193486 | 24.74 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.45  | 128 | 84682  | 20.61 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.18 | 143 | 99269  | 22.13 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 205061 | 23.23 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 11.24 | 131 | 228735 | 22.84 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 14.29 | 166 | 635068 | 19.16 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.60 | 160 | 752168 | 19.35 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 15.06 | 143 | 104899 | 19.24 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.88 | 176 | 605356 | 21.16 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 16.09 | 200 | 264    | 0.05  | ng/ul | 0.10 |
| 20) Anthracene-d10             | 17.73 | 188 | 858394 | 21.99 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 20.08 | 212 | 1294   | 27.02 | ng/ul | 0.08 |
| 26) Benzo(a)pyrene-d12         | 25.13 | 264 | 978313 | 20.05 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 12) 1-Methylnaphthalene        | 12.96 | 142 | 435004 | 21.73 | ng/ul# | 96     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.70 | 216 | 295079 | 23.60 | ng/uL  | 97     |
| 22) Pentachlorobenzene         | 15.20 | 250 | 299034 | 22.88 | ng/uL  | 98     |

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

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