

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102016\  
 Data File : BG024478.D  
 Acq On : 21 Oct 2016 1:06  
 Operator : UM/SJ  
 Sample : MDL-05-S-ML  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-05-S-ML

Manual Integrations  
 APPROVED

sohil  
 10/21/2016 6:53:45 PM

Quant Time: Oct 21 17:59:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102016-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 21 17:27:43 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 208745   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.11 | 136  | 932876   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.89 | 164  | 758565   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.63 | 188  | 1523771m | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.93 | 240  | 1752263  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 25.38 | 264  | 1776358  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.64  | 96  | 27356    | 7.01  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.41  | 99  | 612299   | 32.25 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 388216   | 33.08 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.80  | 132 | 423972   | 31.74 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.97  | 113 | 526468   | 33.25 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.45  | 128 | 233756   | 33.51 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.18 | 143 | 281446   | 34.65 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 512834   | 31.16 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 11.23 | 131 | 636800   | 37.20 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 14.29 | 166 | 1637780  | 32.02 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.59 | 160 | 1932892  | 31.75 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 15.06 | 143 | 275870   | 31.54 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.88 | 176 | 1519083  | 31.17 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 330228   | 32.43 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.74 | 188 | 2093495m | 30.92 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 20.01 | 212 | 2374301  | 31.19 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 25.14 | 264 | 2625680  | 33.78 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 12) 1-Methylnaphthalene        | 12.96 | 142 | 113810 | 3.28 ng/ul# | 90     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.70 | 216 | 77132  | 3.31 ng/uL  | 90     |
| 22) Pentachlorobenzene         | 15.21 | 250 | 81119  | 3.32 ng/uL# | 87     |

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

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