

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\  
 Data File : BG023790.D  
 Acq On : 19 Aug 2016 11:36  
 Operator : UM/SJ  
 Sample : H4360-19MEDL 10X  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PR001-SS004-0002-01MEDL

Manual Integrations  
 APPROVED

sohil  
 8/19/2016 6:39:05 PM

Quant Time: Aug 19 16:28:27 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 19 04:06:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 85508    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 388957   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 263302   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 575929   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 617480   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 605401   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 593   | 0.31 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.27  | 99  | 12138 | 1.51 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.42  | 67  | 9442  | 1.72 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.63  | 132 | 10081 | 1.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 9661  | 1.54 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 5394  | 1.72 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 6891m | 1.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 10441 | 1.61 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4         | 11.09 | 131 | 12436 | 1.57 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 42474 | 1.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 46572 | 1.88 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d    | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.77 | 176 | 36921 | 1.94 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0     | 0.00 | ng/ul |      |
| 70) Anthracene-d10             | 17.63 | 188 | 52886 | 1.99 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 61027 | 2.06 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264 | 54153 | 1.95 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 44) Dimethylphthalate          | 14.22 | 163 | 23591  | 1.08  | ng/ul  | 97     |
| 74) Fluoranthene               | 19.59 | 202 | 54632  | 1.68  | ng/ul# | 89     |
| 77) Pyrene                     | 19.96 | 202 | 51631  | 1.41  | ng/ul# | 90     |
| 81) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 580625 | 26.15 | ng/ul  | 99     |
| 85) Benzo(b)fluoranthene       | 24.16 | 252 | 37850  | 1.08  | ng/ul  | 96     |

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

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