

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
 Data File : BG023807.D  
 Acq On : 20 Aug 2016 8:25  
 Operator : UM/SJ  
 Sample : H4496-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPW9

Manual Integrations  
 APPROVED

sohil  
 8/22/2016 3:52:52 PM

Quant Time: Aug 22 04:05:30 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 22 03:42:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 122987   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 499723   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 311373   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 684243m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.84 | 240  | 723337m  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.23 | 264  | 703467   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 13690   | 5.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 314676m | 27.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 215124  | 27.22 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.63  | 132 | 229461  | 28.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.81  | 113 | 239512  | 26.56 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 117778  | 29.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.00 | 143 | 133107  | 28.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.55 | 165 | 234665  | 28.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 248238  | 24.38 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.16 | 166 | 738625  | 28.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.46 | 160 | 860830  | 29.45 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 106699  | 25.58 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 660806  | 29.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 112936m | 26.04 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 961010  | 30.46 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 1081440 | 31.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.99 | 264 | 1022138 | 31.74 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.28  | 94  | 26542  | 2.25  | ng/ul# | 51     |
| 44) Dimethylphthalate | 14.21 | 163 | 467695 | 18.12 | ng/ul  | 98     |

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

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