

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081116\  
 Data File : BG023627.D  
 Acq On : 11 Aug 2016 15:16  
 Operator : UM/SJ  
 Sample : H4362-02DL 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PR001-SS004-3642-01DL

Manual Integrations  
 APPROVED

sohil  
 8/12/2016 5:55:46 PM

Quant Time: Aug 12 04:15:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 12 03:45:04 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 183338   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 883819   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 565712   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.55 | 188  | 1082128  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.87 | 240  | 1078881  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.27 | 264  | 1118559  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |       |
|--------------------------------|-------|-----|-------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.48  | 96  | 390   | 0.09 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.27  | 99  | 12232 | 0.66 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 11505 | 0.97 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 11806 | 0.94 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.84  | 113 | 6250  | 0.43 | ng/ul | 0.02  |
| 19) Nitrobenzene-d5            | 9.30  | 128 | 6168  | 0.89 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 4302  | 0.54 | ng/ul | 0.02  |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 10038 | 0.67 | ng/ul | 0.02  |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 7447  | 0.42 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 49483 | 1.07 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 55783 | 1.07 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.02 | 143 | 138   | 0.02 | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.78 | 176 | 47100 | 1.10 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 139   | 0.02 | ng/ul | 0.05  |
| 70) Anthracene-d10             | 17.65 | 188 | 56039 | 1.15 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.94 | 212 | 60779 | 1.11 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 25.02 | 264 | 59636 | 1.18 | ng/ul | -0.02 |

## Target Compounds

|                                |       |     |         |       |        | Qvalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 69) Phenanthrene               | 17.59 | 178 | 213926  | 3.82  | ng/ul  | 96     |
| 74) Fluoranthene               | 19.60 | 202 | 304077  | 5.30  | ng/ul# | 93     |
| 77) Pyrene                     | 19.97 | 202 | 332346m | 4.98  | ng/ul  |        |
| 80) Benzo(a)anthracene         | 21.85 | 228 | 166373  | 2.74  | ng/ul  | 99     |
| 81) Bis(2-ethylhexyl)phthalate | 21.73 | 149 | 3231952 | 95.01 | ng/ul# | 73     |
| 82) Chrysene                   | 21.92 | 228 | 167556m | 3.03  | ng/ul  |        |
| 84) Di-n-octyl phthalate       | 22.99 | 149 | 128886  | 2.28  | ng/ul  | 100    |
| 85) Benzo(b)fluoranthene       | 24.19 | 252 | 178552  | 2.81  | ng/ul# | 96     |
| 86) Benzo(k)fluoranthene       | 24.25 | 252 | 63603   | 1.02  | ng/ul# | 95     |
| 88) Benzo(a)pyrene             | 25.10 | 252 | 131196  | 2.14  | ng/ul  | 96     |
| 89) Indeno(1,2,3-cd)pyrene     | 29.14 | 276 | 84264   | 1.17  | ng/ul# | 88     |
| 91) Benzo(g,h,i)perylene       | 30.37 | 276 | 85127m  | 1.42  | ng/ul  |        |

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

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081116\  
Data File : BG023627.D  
Acq On : 11 Aug 2016 15:16  
Operator : UM/SJ  
Sample : H4362-02DL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PR001-SS004-3642-01DL

Manual Integrations  
APPROVED

sohil  
8/12/2016 5:55:46 PM

Quant Time: Aug 12 04:15:23 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 12 03:45:04 2016  
Response via : Initial Calibration

