

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080217\  
 Data File : BG028136.D  
 Acq On : 3 Aug 2017 11:33  
 Operator : SJ/JU  
 Sample : I4405-07  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JJ2X4

Manual Integrations  
 APPROVED

Sohil  
 8/3/2017 8:31:23 PM

Quant Time: Aug 03 13:59:58 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 03 02:34:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 37875    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 193227   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.97 | 164  | 142725   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.72 | 188  | 325829m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 333244   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.57 | 264  | 329345   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 2199   | 2.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 71371  | 17.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 46044  | 17.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 47195  | 17.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.06  | 113 | 64334  | 18.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 28348  | 18.76 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 31963  | 19.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 67041  | 19.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 12532  | 3.28  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.36 | 166 | 263538 | 20.76 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.67 | 160 | 305940 | 21.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.17 | 143 | 18567  | 9.20  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.96 | 176 | 227220 | 19.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 33540  | 15.85 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.82 | 188 | 350124 | 22.41 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 385363 | 22.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264 | 343578 | 22.28 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |        | Qvalue |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| 4) Benzaldehyde          | 7.51  | 77  | 30302  | 12.605 | ng/ul  | 92 |
| 6) Phenol                | 7.54  | 94  | 18450  | 4.463  | ng/ul  | 94 |
| 14) Acetophenone         | 9.19  | 105 | 52580  | 10.605 | ng/ul  | 97 |
| 44) Dimethylphthalate    | 14.41 | 163 | 62448  | 5.343  | ng/ul# | 91 |
| 69) Phenanthrene         | 17.77 | 178 | 54059m | 3.297  | ng/ul  |    |
| 71) Anthracene           | 17.85 | 178 | 19652  | 1.173  | ng/ul  | 96 |
| 78) Butylbenzylphthalate | 20.99 | 149 | 7964   | 1.069  | ng/ul  | 87 |

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

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080217\  
Data File : BG028136.D  
Acq On : 3 Aug 2017 11:33  
Operator : SJ/JU  
Sample : I4405-07  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JJ2X4

Manual Integrations  
APPROVED

Sohil  
8/3/2017 8:31:23 PM

Quant Time: Aug 03 13:59:58 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 03 02:34:14 2017  
Response via : Initial Calibration

