

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
 Data File : BG029181.D  
 Acq On : 12 Oct 2017 1:21  
 Operator : SJ/JU  
 Sample : I5668-17  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB3H3

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:19 PM

Quant Time: Oct 12 09:50:45 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 11 04:24:22 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.21  | 152  | 48229    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 208750   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.82 | 164  | 137380   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.56 | 188  | 393297   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.84 | 240  | 341597   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 25.18 | 264  | 356521   | 20.00  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.65 | 165  | 87364    | 21.89  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 14.52 | 160  | 341539   | 24.80  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 253921   | 23.50  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.66 | 188  | 464473   | 23.89  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.93 | 212  | 471933   | 26.29  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.96 | 264  | 422754   | 23.71  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 9) Acenaphthene             | 14.89 | 153  | 9971     | 1.076  | ng/ul  | 93       |
| 14) Phenanthrene            | 17.61 | 178  | 226517   | 10.633 | ng/ul  | 100      |
| 16) Anthracene              | 17.69 | 178  | 43857m   | 2.008  | ng/ul  |          |
| 17) Fluoranthene            | 19.60 | 202  | 377853   | 15.073 | ng/ul# | 94       |
| 20) Pyrene                  | 19.96 | 202  | 289032   | 13.955 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.82 | 228  | 166653   | 8.007  | ng/ul  | 97       |
| 22) Chrysene                | 21.89 | 228  | 153904   | 8.192  | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 24.12 | 252  | 210832m  | 9.597  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 24.19 | 252  | 84690m   | 3.913  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 25.03 | 252  | 137404   | 6.409  | ng/ul  | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 29.01 | 276  | 80793    | 3.953  | ng/ul# | 88       |
| 29) Dibenzo(a,h)anthracene  | 29.07 | 278  | 23962m   | 1.321  | ng/ul  |          |
| 30) Benzo(a,h,i)perylene    | 30.21 | 276  | 53480    | 3.753  | ng/ul# | 92       |

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

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