

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\  
 Data File : BG031134.D  
 Acq On : 20 Nov 2017 17:14  
 Operator : SJ/JU  
 Sample : I6475-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0G26

Manual Integrations  
 APPROVED

Sohil  
 11/21/2017 2:27:26 PM

Quant Time: Nov 21 06:45:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 21 05:01:30 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.13  | 152  | 62543    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.95 | 136  | 299152   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.76 | 164  | 198945   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.50 | 188  | 464191   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.77 | 240  | 485331   | 20.00  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 25.07 | 264  | 488444   | 20.00  | ng/ul  | -0.04    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.58 | 165  | 158447   | 28.07  | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.45 | 160  | 687491   | 33.23  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.75 | 176  | 504429   | 30.35  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.59 | 188  | 754585   | 32.48  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.87 | 212  | 849591   | 38.32  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.85 | 264  | 823160   | 34.06  | ng/ul  | -0.03    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 17.54 | 178  | 47498    | 1.907  | ng/ul  | 97       |
| 17) Fluoranthene            | 19.54 | 202  | 95492    | 2.755  | ng/ul# | 91       |
| 20) Pyrene                  | 19.90 | 202  | 117100   | 4.546  | ng/ul# | 87       |
| 21) Benzo(a)anthracene      | 21.75 | 228  | 58039    | 1.963  | ng/ul  | 97       |
| 22) Chrysene                | 21.81 | 228  | 66458    | 2.363  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 24.02 | 252  | 73897    | 2.504  | ng/ul# | 97       |
| 25) Benzo(k)fluoranthene    | 24.07 | 252  | 29783m   | 1.024  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 24.92 | 252  | 62969    | 2.226  | ng/ul# | 96       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.86 | 276  | 39844    | 1.236  | ng/ul  | 94       |
| 30) Benzo(g,h,i)perylene    | 30.04 | 276  | 40121m   | 1.495  | ng/ul  |          |

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

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