

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\  
 Data File : BG031133.D  
 Acq On : 20 Nov 2017 16:37  
 Operator : SJ/JU  
 Sample : I6475-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0G24

Manual Integrations  
 APPROVED

Sohil  
 11/21/2017 2:27:24 PM

Quant Time: Nov 21 06:42:59 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   | 8.14  | 152  | 57242    | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.95 | 136  | 266966   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.76 | 164  | 180605   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.50 | 188  | 423825   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.77 | 240  | 435036   | 20.00 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 25.07 | 264  | 436556   | 20.00 | ng/ul  | -0.04    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.58 | 165  | 96428    | 19.14 | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.45 | 160  | 441886   | 23.53 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.75 | 176  | 327952   | 21.74 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.60 | 188  | 503632   | 23.74 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.87 | 212  | 585474   | 29.46 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.84 | 264  | 540837   | 25.04 | ng/ul  | -0.04    |
| Target Compounds            |       |      |          |       |        |          |
| 14) Phenanthrene            | 17.54 | 178  | 27868    | 1.225 | ng/ul  | 96       |
| 17) Fluoranthene            | 19.54 | 202  | 48273    | 1.525 | ng/ul# | 90       |
| 20) Pyrene                  | 19.90 | 202  | 51733    | 2.241 | ng/ul# | 85       |
| 21) Benzo(a)anthracene      | 21.75 | 228  | 35679    | 1.346 | ng/ul  | 98       |
| 22) Chrysene                | 21.82 | 228  | 36072    | 1.431 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 24.01 | 252  | 60141    | 2.280 | ng/ul# | 96       |
| 27) Benzo(a)pyrene          | 24.91 | 252  | 50647    | 2.003 | ng/ul# | 96       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.85 | 276  | 37497m   | 1.301 | ng/ul  |          |
| 30) Benzo(g,h,i)perylene    | 30.04 | 276  | 33169m   | 1.382 | ng/ul  |          |

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

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