

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031618\  
 Data File : BM014606.D  
 Acq On : 16 Mar 2018 15:30  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTD02054

Manual Integrations  
 APPROVED

Sohil  
 3/19/2018 2:24:59 PM

Quant Time: Mar 17 00:40:08 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031518-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 17 00:32:17 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.46  | 152  | 94891    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 350809   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.13 | 164  | 183077   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.90 | 188  | 374088   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.13 | 240  | 298231   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.30 | 264  | 308139   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 9.90  | 165  | 108138   | 19.95  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.82 | 160  | 379605   | 19.40  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.14 | 176  | 241618   | 18.85  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.00 | 188  | 328512   | 18.34  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.32 | 212  | 299182   | 16.69  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.17 | 264  | 282027   | 18.92  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 4) Naphthalene              | 10.29 | 128  | 339691   | 19.065 | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 11.91 | 142  | 247671   | 19.865 | ng/ul  | 95       |
| 8) Acenaphthylene           | 13.85 | 152  | 350997   | 19.327 | ng/ul  | 97       |
| 9) Acenaphthene             | 14.20 | 153  | 240691   | 19.366 | ng/ul  | 99       |
| 11) Fluorene                | 15.20 | 166  | 270605   | 18.374 | ng/ul  | 98       |
| 13) Pentachlorophenol       | 16.59 | 266  | 29624m   | 17.300 | ng/ul  |          |
| 14) Phenanthrene            | 16.94 | 178  | 390504   | 18.640 | ng/ul  | 99       |
| 16) Anthracene              | 17.04 | 178  | 392655   | 18.749 | ng/ul  | 99       |
| 17) Fluoranthene            | 18.98 | 202  | 385545   | 16.213 | ng/ul# | 97       |
| 20) Pyrene                  | 19.35 | 202  | 379311   | 16.911 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.12 | 228  | 365104   | 19.359 | ng/ul  | 98       |
| 22) Chrysene                | 21.17 | 228  | 340737   | 19.649 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.66 | 252  | 354245   | 18.286 | ng/ul# | 97       |
| 25) Benzo(k)fluoranthene    | 22.70 | 252  | 336012   | 18.257 | ng/ul# | 95       |
| 27) Benzo(a)pyrene          | 23.21 | 252  | 348005   | 18.925 | ng/ul# | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 25.47 | 276  | 405186   | 19.145 | ng/ul  | 98       |
| 29) Dibenzo(a,h)anthracene  | 25.46 | 278  | 346996   | 19.588 | ng/ul  | 97       |
| 30) Benzo(g,h,i)perylene    | 26.13 | 276  | 332693   | 19.734 | ng/ul  | 99       |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031618\  
Data File : BM014606.D  
Acq On : 16 Mar 2018 15:30  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02054

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:24:59 PM

Quant Time: Mar 17 00:40:08 2018  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031518-PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Mar 17 00:32:17 2018  
Response via : Initial Calibration

