

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
 Data File : BM002393.D  
 Acq On : 14 Aug 2015 19:49  
 Operator : UM/IZ  
 Sample : SSTD00532  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD00532

Quant Time: Aug 17 01:37:15 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 01:34:51 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.87  | 152  | 75625    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.74 | 136  | 365785   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.44 | 164  | 221981   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.15 | 188  | 496038   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.23 | 240  | 541809   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.88 | 264  | 547336   | 20.00 | ng/ul | 0.00     |

|                             |       |     |        |      |       |      |
|-----------------------------|-------|-----|--------|------|-------|------|
| System Monitoring Compounds |       |     |        |      |       |      |
| 7) Acenaphthylene-d8        | 15.15 | 160 | 114848 | 5.06 | ng/ul | 0.00 |
| 10) Fluorene-d10            | 16.42 | 176 | 84251  | 5.29 | ng/ul | 0.00 |
| 14) Anthracene-d10          | 18.24 | 188 | 123445 | 5.16 | ng/ul | 0.00 |
| 18) Pyrene-d10              | 20.46 | 212 | 131111 | 5.46 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12      | 24.71 | 264 | 147161 | 5.12 | ng/ul | 0.00 |

|                            |       |     |        |        |       |     |
|----------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds           |       |     |        | Qvalue |       |     |
| 3) Naphthalene             | 11.79 | 128 | 96283  | 5.16   | ng/ul | 100 |
| 4) 2-Methylnaphthalene     | 13.33 | 142 | 72925  | 5.21   | ng/ul | 98  |
| 5) 1-Methylnaphthalene     | 13.55 | 142 | 72533  | 5.24   | ng/ul | 99  |
| 8) Acenaphthylene          | 15.18 | 152 | 120925 | 5.09   | ng/ul | 99  |
| 9) Acenaphthene            | 15.51 | 153 | 81181  | 5.19   | ng/ul | 98  |
| 11) Fluorene               | 16.47 | 166 | 94297  | 5.26   | ng/ul | 99  |
| 13) Phenanthrene           | 18.19 | 178 | 148666 | 5.19   | ng/ul | 99  |
| 15) Anthracene             | 18.28 | 178 | 150847 | 5.20   | ng/ul | 99  |
| 16) Fluoranthene           | 20.13 | 202 | 165028 | 5.09   | ng/ul | 98  |
| 19) Pyrene                 | 20.49 | 202 | 173687 | 5.47   | ng/ul | 98  |
| 20) Benzo(a)anthracene     | 22.21 | 228 | 167811 | 5.18   | ng/ul | 99  |
| 21) Chrysene               | 22.26 | 228 | 156138 | 5.15   | ng/ul | 100 |
| 23) Benzo(b)fluoranthene   | 24.06 | 252 | 170749 | 5.16   | ng/ul | 100 |
| 24) Benzo(k)fluoranthene   | 24.11 | 252 | 161088 | 5.14   | ng/ul | 99  |
| 26) Benzo(a)pyrene         | 24.76 | 252 | 161836 | 5.12   | ng/ul | 98  |
| 27) Indeno(1,2,3-cd)pyrene | 27.69 | 276 | 191407 | 5.27   | ng/ul | 100 |
| 28) Dibenzo(a,h)anthracene | 27.69 | 278 | 159067 | 5.24   | ng/ul | 99  |
| 29) Benzo(g,h,i)perylene   | 28.56 | 276 | 158258 | 5.23   | ng/ul | 99  |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
Data File : BM002393.D  
Acq On : 14 Aug 2015 19:49  
Operator : UM/IZ  
Sample : SSTD00532  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD00532

Quant Time: Aug 17 01:37:15 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 17 01:34:51 2015  
Response via : Initial Calibration

