

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072216\  
 Data File : BM006638.D  
 Acq On : 22 Jul 2016 23:39  
 Operator : UM/SJ  
 Sample : H4077-21  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9YT5

## Manual Integrations

sohil  
 7/25/2016 6:39:17 PM

Quant Time: Jul 23 01:13:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 23 00:16:38 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 179348   | 20.00 | ng/ul | 0.01     |
| 7) Naphthalene-d8         | 10.40 | 136  | 820971   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.27 | 164  | 462551   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.03 | 188  | 1007883  | 20.00 | ng/ul | 0.01     |
| 29) Chrysene-d12          | 21.23 | 240  | 1022291  | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.43 | 264  | 1093004  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.14  | 96  | 7848    | 1.77  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.80  | 99  | 317513  | 20.81 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 205157  | 21.71 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.16  | 132 | 254338  | 20.86 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.33  | 113 | 218040  | 18.43 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.77  | 128 | 124757  | 20.08 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.49  | 143 | 132285  | 20.02 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 237551  | 19.02 | ng/ul | 0.01 |
| 12) 4-Chloroaniline-d4         | 10.55 | 131 | 182776  | 13.29 | ng/ul | 0.01 |
| 16) Dimethylphthalate-d6       | 13.69 | 166 | 713559  | 19.68 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 13.96 | 160 | 928128  | 20.05 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.51 | 143 | 88209   | 14.00 | ng/ul | 0.02 |
| 21) Fluorene-d10               | 15.27 | 176 | 643691  | 19.85 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 27392   | 5.24  | ng/ul | 0.01 |
| 26) Anthracene-d10             | 17.12 | 188 | 955179  | 19.96 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.43 | 212 | 1020256 | 21.90 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.29 | 264 | 1011877 | 20.13 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |             | Qvalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 18) Acenaphthylene         | 13.99 | 152 | 176909  | 3.57 ng/ul  | 99     |
| 22) Fluorene               | 15.33 | 166 | 101351  | 2.82 ng/ul  | 95     |
| 25) Phenanthrene           | 17.07 | 178 | 1131692 | 19.97 ng/ul | 99     |
| 27) Anthracene             | 17.16 | 178 | 358193  | 6.14 ng/ul  | 97     |
| 28) Fluoranthene           | 19.09 | 202 | 1601153 | 24.04 ng/ul | 99     |
| 31) Pyrene                 | 19.46 | 202 | 1274316 | 20.59 ng/ul | 97     |
| 32) Benzo(a)anthracene     | 21.21 | 228 | 902068  | 14.56 ng/ul | 97     |
| 33) Chrysene               | 21.26 | 228 | 830641  | 14.54 ng/ul | 97     |
| 35) Benzo(b)fluoranthene   | 22.77 | 252 | 1068063 | 16.30 ng/ul | 98     |
| 36) Benzo(k)fluoranthene   | 22.82 | 252 | 367387m | 5.80 ng/ul  |        |
| 38) Benzo(a)pyrene         | 23.34 | 252 | 716147  | 11.23 ng/ul | 97     |
| 39) Indeno(1,2,3-cd)pyrene | 25.65 | 276 | 491442  | 6.65 ng/ul  | 98     |
| 40) Dibenzo(a,h)anthracene | 25.65 | 278 | 160740  | 2.63 ng/ul# | 92     |
| 41) Benzo(g,h,i)perylene   | 26.33 | 276 | 453371  | 7.16 ng/ul  | 97     |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072216\  
Data File : BM006638.D  
Acq On : 22 Jul 2016 23:39  
Operator : UM/SJ  
Sample : H4077-21  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
D9YT5

Manual Integrations

sohil  
7/25/2016 6:39:17 PM

Quant Time: Jul 23 01:13:46 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072016.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Jul 23 00:16:38 2016  
Response via : Initial Calibration

