

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\  
 Data File : BM014414.D  
 Acq On : 28 Feb 2018 22:32  
 Operator : SJ/JU  
 Sample : J1678-16  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE5W4

Manual Integrations  
 APPROVED

Sohil  
 3/1/2018 5:15:07 PM

Quant Time: Mar 01 01:56:35 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 01 00:47:00 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 68813    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 351134   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.17 | 164  | 231276   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.93 | 188  | 577534   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 667091   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 708988   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 8155m   | 5.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 186162  | 32.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 119159  | 33.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 149883  | 33.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 146245  | 28.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.67  | 128 | 81530   | 31.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 92486   | 34.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 149568  | 26.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 199062  | 36.32 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 624810  | 32.71 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.86 | 160 | 780930  | 33.16 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 74939   | 28.42 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.18 | 176 | 537204  | 31.39 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 79480   | 22.94 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.03 | 188 | 869272  | 31.20 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.34 | 212 | 1045022 | 30.37 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264 | 1076989 | 31.21 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       | Ovalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 44) Dimethylphthalate    | 13.64 | 163 | 93082  | 4.942 | ng/ul  | 99 |
| 56) Diethylphthalate     | 15.02 | 149 | 72127  | 3.437 | ng/ul# | 93 |
| 69) Phenanthrene         | 16.98 | 178 | 69309  | 2.083 | ng/ul  | 97 |
| 74) Fluoranthene         | 19.01 | 202 | 125104 | 3.147 | ng/ul# | 93 |
| 77) Pyrene               | 19.37 | 202 | 110934 | 2.502 | ng/ul# | 96 |
| 80) Benzo(a)anthracene   | 21.13 | 228 | 68774  | 1.652 | ng/ul# | 94 |
| 82) Chrysene             | 21.19 | 228 | 62916  | 1.620 | ng/ul  | 92 |
| 85) Benzo(b)fluoranthene | 22.68 | 252 | 99241  | 2.090 | ng/ul# | 90 |
| 88) Benzo(a)pyrene       | 23.23 | 252 | 63506  | 1.497 | ng/ul# | 90 |

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\  
Data File : BM014414.D  
Acq On : 28 Feb 2018 22:32  
Operator : SJ/JU  
Sample : J1678-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BE5W4

Manual Integrations  
APPROVED

Sohil  
3/1/2018 5:15:07 PM

Quant Time: Mar 01 01:56:35 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 01 00:47:00 2018  
Response via : Initial Calibration

