

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM030118\  
 Data File : BM014444.D  
 Acq On : 01 Mar 2018 21:59  
 Operator : SJ/JU  
 Sample : J1679-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE610

Manual Integrations  
 APPROVED

Sohil  
 3/2/2018 3:32:03 PM

Quant Time: Mar 08 11:27:39 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 01 03:03:26 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 92271    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 454573   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.17 | 164  | 284839   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 642049   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 696545   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 571775   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 6064m  | 2.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 142477 | 18.27 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 84724  | 17.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 116856 | 19.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 119509 | 17.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.67  | 128 | 62187  | 18.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 64755  | 18.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 119687 | 16.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 113186 | 15.95 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.59 | 166 | 412026 | 17.52 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.86 | 160 | 528389 | 18.22 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 39490m | 12.16 | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.17 | 176 | 357779 | 16.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 11705  | 3.04  | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.03 | 188 | 553124 | 17.86 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.34 | 212 | 628894 | 17.51 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.20 | 264 | 489415 | 17.59 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |        | Qvalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 28) Naphthalene            | 10.33 | 128 | 50425   | 2.160  | ng/ul  | 96 |
| 44) Dimethylphthalate      | 13.65 | 163 | 88034   | 3.795  | ng/ul# | 97 |
| 49) Acenaphthene           | 14.24 | 153 | 65837   | 3.410  | ng/ul  | 93 |
| 53) Dibenzofuran           | 14.58 | 168 | 52239   | 1.805  | ng/ul  | 93 |
| 58) Fluorene               | 15.23 | 166 | 80460   | 3.220  | ng/ul  | 94 |
| 69) Phenanthrene           | 16.98 | 178 | 1147777 | 31.027 | ng/ul  | 99 |
| 71) Anthracene             | 17.07 | 178 | 217805  | 5.855  | ng/ul  | 99 |
| 72) Carbazole              | 17.36 | 167 | 123942  | 3.962  | ng/ul  | 99 |
| 74) Fluoranthene           | 19.01 | 202 | 1529729 | 34.612 | ng/ul# | 93 |
| 77) Pyrene                 | 19.38 | 202 | 1354360 | 29.258 | ng/ul# | 94 |
| 80) Benzo(a)anthracene     | 21.14 | 228 | 690080  | 15.874 | ng/ul  | 98 |
| 82) Chrysene               | 21.19 | 228 | 662957  | 16.348 | ng/ul  | 97 |
| 85) Benzo(b)fluoranthene   | 22.69 | 252 | 719701  | 18.798 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene   | 22.72 | 252 | 202176m | 5.554  | ng/ul  |    |
| 88) Benzo(a)pyrene         | 23.24 | 252 | 455533  | 13.315 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 266800  | 8.037  | ng/ul  | 96 |
| 90) Dibenzo(a,h)anthracene | 25.49 | 278 | 79979   | 2.899  | ng/ul# | 73 |
| 91) Benzo(g,h,i)perylene   | 26.16 | 276 | 231355  | 8.603  | ng/ul  | 95 |

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

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM030118\  
Data File : BM014444.D  
Acq On : 01 Mar 2018 21:59  
Operator : SJ/JU  
Sample : J1679-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BE610

Quant Time: Mar 08 11:27:39 2018  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 01 03:03:26 2018  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
3/2/2018 3:32:03 PM

