

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121517\  
 Data File : BM013478.D  
 Acq On : 16 Dec 2017 15:59  
 Operator : SJ/JU  
 Sample : I6775-08DL 10X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9A11DL

Quant Time: Dec 18 03:20:15 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 18 03:13:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 253380   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1121201  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 640540   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1348964  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 988995   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 839712   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 2939   | 0.57 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 77065  | 3.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 44382  | 3.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 61320  | 3.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 66492  | 3.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 31337  | 3.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 33191  | 3.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 69129  | 3.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 20700  | 1.15 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 203612 | 3.57 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 252900 | 3.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 21079  | 2.13 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.31 | 176 | 173866 | 3.55 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 6001   | 0.71 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 258353 | 3.82 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 240359 | 4.88 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 162149 | 3.79 | ng/ul | 0.00 |

## Target Compounds

|                  |       |     |         |        | Qvalue    |
|------------------|-------|-----|---------|--------|-----------|
| 28) Naphthalene  | 10.50 | 128 | 4716707 | 81.767 | ng/ul 100 |
| 49) Acenaphthene | 14.38 | 153 | 643502  | 14.512 | ng/ul 97  |
| 53) Dibenzofuran | 14.72 | 168 | 390081  | 5.959  | ng/ul 97  |
| 58) Fluorene     | 15.37 | 166 | 461558  | 8.523  | ng/ul 98  |
| 69) Phenanthrene | 17.11 | 178 | 1709771 | 22.310 | ng/ul 99  |
| 71) Anthracene   | 17.20 | 178 | 156171  | 1.994  | ng/ul 100 |
| 72) Carbazole    | 17.47 | 167 | 883085  | 13.106 | ng/ul 98  |
| 74) Fluoranthene | 19.13 | 202 | 250561  | 2.668  | ng/ul# 92 |
| 77) Pyrene       | 19.49 | 202 | 161263  | 2.684  | ng/ul# 86 |

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

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