

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\  
 Data File : BM023417.D  
 Acq On : 28 Oct 2019 13:48  
 Operator : JU  
 Sample : K5395-14  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0030

Quant Time: Oct 29 12:11:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 25 07:44:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 379957   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.41 | 136  | 1509852  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.27 | 164  | 883548   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.02 | 188  | 1771798  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.22 | 240  | 1759090  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 2084796  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 33676   | 4.21  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.81  | 99  | 696759  | 21.83 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 423437  | 22.64 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 574104  | 23.01 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 543953  | 20.99 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 279120  | 24.56 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 303471  | 24.06 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 551145  | 22.24 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 582891  | 20.45 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 1684671 | 25.11 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 1970299 | 25.63 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 183016  | 15.75 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.27 | 176 | 1428811 | 25.15 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 113161  | 10.26 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.12 | 188 | 2180058 | 26.04 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.42 | 212 | 2400206 | 24.81 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.28 | 264 | 2805203 | 26.41 | ng/ul | 0.00  |

## Target Compounds

|                          |       |     |        |       | Ovalue    |
|--------------------------|-------|-----|--------|-------|-----------|
| 6) Phenol                | 6.84  | 94  | 67310  | 2.048 | ng/ul 99  |
| 45) Dimethylphthalate    | 13.74 | 163 | 592431 | 8.794 | ng/ul 99  |
| 70) Phenanthrene         | 17.06 | 178 | 179766 | 1.816 | ng/ul 99  |
| 77) Fluoranthene         | 19.09 | 202 | 271065 | 2.625 | ng/ul 98  |
| 80) Pyrene               | 19.45 | 202 | 224102 | 1.804 | ng/ul 96  |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 137683 | 1.028 | ng/ul# 89 |

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

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