

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\  
 Data File : BM021547.D  
 Acq On : 19 Jul 2019 06:40  
 Operator : HP/JU  
 Sample : K3764-07  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A52J1

Quant Time: Jul 26 23:44:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 00:39:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 177448   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 687970   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 378119   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.11 | 188  | 867064   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.30 | 240  | 896627   | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.55 | 264  | 1042975  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 8988    | 2.49  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 212763  | 15.42 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 127537  | 15.59 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 178604  | 15.04 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 168268  | 15.31 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 89100   | 15.72 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 92857   | 14.49 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 192612  | 15.07 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 211685  | 18.32 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.77 | 166 | 608493  | 18.37 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.05 | 160 | 705216  | 16.96 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 44607   | 8.50  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.36 | 176 | 541956  | 18.34 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 44044   | 7.56  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.21 | 188 | 817621  | 18.15 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.50 | 212 | 961305  | 19.54 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.41 | 264 | 1114844 | 18.59 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 44) Dimethylphthalate          | 13.82 | 163 | 239002 | 7.750  | ng/ul 100 |
| 69) Phenanthrene               | 17.15 | 178 | 70528  | 1.443  | ng/ul 99  |
| 76) Fluoranthene               | 19.17 | 202 | 117535 | 2.025  | ng/ul 99  |
| 79) Pyrene                     | 19.53 | 202 | 121461 | 2.047  | ng/ul# 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 450561 | 14.572 | ng/ul 100 |
| 84) Chrysene                   | 21.34 | 228 | 68056  | 1.179  | ng/ul 97  |

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

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