

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\  
 Data File : BM021215.D  
 Acq On : 27 Jun 2019 14:07  
 Operator : HP/JU  
 Sample : K3502-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5AD1

Quant Time: Jul 01 01:38:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 15:04:59 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 223424   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.55 | 136  | 994273   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 651162   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.15 | 188  | 1460051  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.34 | 240  | 1065115  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.61 | 264  | 1144066  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 8403    | 1.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.93  | 99  | 234059  | 12.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 145185  | 12.53 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 185565  | 11.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 203096  | 12.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 119956  | 14.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.64  | 143 | 140332  | 15.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.17 | 165 | 274615  | 15.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 331065  | 17.42 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 1273660 | 21.65 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 1323720 | 18.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 154046  | 16.10 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.40 | 176 | 1079987 | 21.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 151344  | 16.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.25 | 188 | 1809668 | 23.85 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 1894172 | 29.64 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264 | 1869649 | 27.70 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |              | Ovalue |
|--------------------------|-------|-----|--------|--------------|--------|
| 44) Dimethylphthalate    | 13.86 | 163 | 332013 | 6.199 ng/ul  | 100    |
| 69) Phenanthrene         | 17.19 | 178 | 101649 | 1.259 ng/ul  | 97     |
| 76) Fluoranthene         | 19.21 | 202 | 208202 | 2.386 ng/ul  | 99     |
| 79) Pyrene               | 19.57 | 202 | 177005 | 2.351 ng/ul  | 99     |
| 84) Chrysene             | 21.37 | 228 | 92334  | 1.358 ng/ul  | 97     |
| 87) Benzo(b)fluoranthene | 22.93 | 252 | 110163 | 1.520 ng/ul# | 96     |

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

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