

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\  
 Data File : BM023109.D  
 Acq On : 10 Oct 2019 07:41  
 Operator : JU  
 Sample : K5177-19  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 17 09:55:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 08 15:02:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 171678   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 687482   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.40 | 164  | 386732   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.14 | 188  | 750068   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 769347   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 895671   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96   | 12667    | 3.19  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.94  | 99   | 227529   | 15.00 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67   | 143718   | 17.31 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.30  | 132  | 208292   | 17.05 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.47  | 113  | 115890   | 9.33  | ng/ul | -0.01    |
| 19) Nitrobenzene-d5            | 8.92  | 128  | 101233   | 19.08 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.64  | 143  | 108074   | 18.65 | ng/ul | -0.01    |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165  | 190583   | 16.52 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.69 | 131  | 214155   | 15.28 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.82 | 166  | 570283   | 19.00 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.10 | 160  | 673898   | 19.45 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.60 | 143  | 63812    | 10.76 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.40 | 176  | 490605   | 19.18 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200  | 51324    | 10.51 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.24 | 188  | 718451   | 19.61 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.54 | 212  | 878642   | 21.22 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.43 | 264  | 1015468  | 21.92 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                  | 6.96  | 94   | 28197    | 1.773 | ng/ul  | 96     |
| 45) Dimethylphthalate      | 13.86 | 163  | 258195   | 8.374 | ng/ul  | 99     |
| 70) Phenanthrene           | 17.19 | 178  | 114927   | 2.567 | ng/ul  | 99     |
| 77) Fluoranthene           | 19.20 | 202  | 322044   | 6.396 | ng/ul  | 100    |
| 80) Pyrene                 | 19.57 | 202  | 260688   | 4.780 | ng/ul  | 99     |
| 83) Benzo(a)anthracene     | 21.31 | 228  | 118532   | 2.146 | ng/ul  | 97     |
| 85) Chrysene               | 21.36 | 228  | 136636   | 2.683 | ng/ul  | 97     |
| 88) Benzo(b)fluoranthene   | 22.90 | 252  | 197075   | 3.316 | ng/ul  | 98     |
| 91) Benzo(a)pyrene         | 23.48 | 252  | 123175   | 2.209 | ng/ul  | 96     |
| 92) Indeno(1,2,3-cd)pyrene | 25.84 | 276  | 93243    | 1.574 | ng/ul# | 94     |
| 94) Benzo(g,h,i)perylene   | 26.54 | 276  | 85691    | 1.793 | ng/ul  | 99     |

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

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