

Data File : BM017891.D  
Acq On : 04 Dec 2018 01:32  
Operator : JU/SJ  
Sample : AR1660-50PPM  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
AR1660-50PPM

Quant Time: Dec 04 06:19:35 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 04 00:18:53 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 149614   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 599236   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 366707   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 801799   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 796057   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 705469   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |      |     |    |      |       |  |
|--------------------------------|------|-----|----|------|-------|--|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |  |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |  |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0  | 0.00 | ng/ul |  |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |  |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |  |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |  |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |  |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |  |
| 43) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |  |
| 46) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |  |
| 51) 4-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 57) Fluorene-d10               | 0.00 | 176 | 0d | 0.00 | ng/ul |  |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |  |
| 70) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |  |
| 78) Pyrene-d10                 | 0.00 | 212 | 0  | 0.00 | ng/ul |  |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

Target Compounds Qvalue

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

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