

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM062617\  
 Data File : BM010766.D  
 Acq On : 27 Jun 2017 08:41  
 Operator : SJ/JU  
 Sample : I3756-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE2

Quant Time: Jun 28 01:35:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 28 01:22:58 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 66800    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 309827   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.11 | 164  | 211354   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.86 | 188  | 554474   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.08 | 240  | 647627   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.22 | 264  | 525616   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 3608   | 3.09  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.64  | 99  | 99652  | 15.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 60193  | 16.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.99  | 132 | 77742  | 17.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 87782  | 16.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 41180  | 18.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.31  | 143 | 48009  | 18.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 97578  | 18.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 113468 | 20.08 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.53 | 166 | 379098 | 20.43 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.79 | 160 | 431592 | 20.00 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 47885  | 14.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.11 | 176 | 330071 | 20.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 53775  | 15.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.96 | 188 | 540661 | 20.19 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.27 | 212 | 661830 | 22.00 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.08 | 264 | 531877 | 20.94 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       |              | Qvalue |
|-----------------------|-------|-----|-------|--------------|--------|
| 16) 4-Methylphenol    | 8.22  | 108 | 15363 | 2.795 ng/ul  | 99     |
| 44) Dimethylphthalate | 13.57 | 163 | 87827 | 4.829 ng/ul  | 96     |
| 69) Phenanthrene      | 16.90 | 178 | 37724 | 1.280 ng/ul  | 96     |
| 74) Fluoranthene      | 18.93 | 202 | 59706 | 1.572 ng/ul# | 94     |
| 77) Pyrene            | 19.30 | 202 | 48548 | 1.298 ng/ul# | 94     |

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

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