

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\  
 Data File : BM022944.D  
 Acq On : 04 Oct 2019 06:02  
 Operator : JU  
 Sample : K4988-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ESNX9

Quant Time: Oct 04 06:50:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 04 04:31:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 244533   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 1041667  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.43 | 164  | 630807   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.17 | 188  | 1270107  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.35 | 240  | 1023051  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.61 | 264  | 1014751  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 18053   | 3.19  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 341520  | 15.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 195034  | 16.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 284875  | 16.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 228016  | 12.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 141167  | 17.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 149177  | 16.99 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 279346  | 15.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 376003  | 17.71 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.84 | 166 | 879957  | 17.97 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.12 | 160 | 1045000 | 18.49 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.63 | 143 | 107887  | 11.15 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.42 | 176 | 766119  | 18.36 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 79591   | 9.63  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.27 | 188 | 1137581 | 18.34 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.56 | 212 | 1368969 | 24.86 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.47 | 264 | 1080779 | 20.59 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        | Ovalue |           |
|--------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                | 6.99  | 94  | 54149  | 2.391  | ng/ul 98  |
| 45) Dimethylphthalate    | 13.89 | 163 | 224114 | 4.456  | ng/ul 99  |
| 70) Phenanthrene         | 17.21 | 178 | 76116  | 1.004  | ng/ul 100 |
| 77) Fluoranthene         | 19.23 | 202 | 153704 | 1.803  | ng/ul 100 |
| 80) Pyrene               | 19.59 | 202 | 135134 | 1.863  | ng/ul 99  |
| 88) Benzo(b)fluoranthene | 22.93 | 252 | 72189  | 1.072  | ng/ul# 93 |

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

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