

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\  
 Data File : VX002433.D  
 Acq On : 09 Jun 2018 20:36  
 Operator : JC/MD  
 Sample : J3394-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 W-52

Quant Time: Jun 11 08:39:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 221834   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 333377   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 314771   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 183705   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 157276   | 49.55 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.10% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 118946   | 45.37 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.74% |          |
| 50) Toluene-d8              | 8.72  | 98   | 479691   | 47.74 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.48% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 189330   | 48.86 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.72% |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 24) 1,1-Dichloroethane | 3.70  | 63   | 4429     | 0.87  | ug/l # | 92     |
| 39) Methylcyclohexane  | 7.45  | 83   | 32156    | 7.65  | ug/l # | 20     |
| 40) Benzene            | 6.15  | 78   | 20671    | 1.92  | ug/l   | 93     |
| 44) Trichloroethene    | 7.22  | 130  | 2512     | 0.84  | ug/l   | 91     |
| 64) Tetrachloroethene  | 9.34  | 164  | 1727     | 0.53  | ug/l # | 88     |
| 73) Isopropylbenzene   | 11.02 | 105  | 160445   | 12.55 | ug/l   | 99     |
| 83) tert-Butylbenzene  | 11.77 | 119  | 4836     | 0.45  | ug/l   | 82     |
| 85) sec-Butylbenzene   | 11.95 | 105  | 130691   | 10.44 | ug/l   | 95     |

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

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