

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\  
 Data File : VX003202.D  
 Acq On : 06 Jul 2018 05:27  
 Operator : JC/MD  
 Sample : J3844-10  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022RW349-180702

Quant Time: Jul 06 11:25:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 302828   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 397178   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 365391   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 200862   | 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   | 186740   | 44.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.22%  |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 163422   | 51.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.92% |          |
| 50) Toluene-d8              | 8.72  | 98   | 551980   | 48.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.12%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 191215   | 43.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.34%  |          |

| Target Compounds             | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|------------------------------|-------|------|----------|--------|-------|--------|
| 3) Chloromethane             | 1.32  | 50   | 37336    | 12.40  | ug/l  | 98     |
| 4) Vinyl Chloride            | 1.40  | 62   | 6122     | 1.79   | ug/l  | # 88   |
| 5) Bromomethane              | 1.64  | 94   | 43617    | 25.98  | ug/l  | 99     |
| 10) Methyl Iodide            | 2.51  | 142  | 1845342  | 482.16 | ug/l  | 97     |
| 11) Tert butyl alcohol       | 3.08  | 59   | 13012    | 15.61  | ug/l  | 95     |
| 16) Acetone                  | 2.45  | 43   | 1071121  | 617.93 | ug/l  | 97     |
| 17) Carbon Disulfide         | 2.57  | 76   | 40962    | 5.15   | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene | 3.17  | 96   | 2894     | 0.89   | ug/l  | 90     |
| 24) 1,1-Dichloroethane       | 3.70  | 63   | 28394    | 4.64   | ug/l  | 97     |
| 25) 2-Butanone               | 4.71  | 43   | 167048   | 64.93  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene   | 4.60  | 96   | 19308    | 5.29   | ug/l  | 97     |
| 40) Benzene                  | 6.15  | 78   | 37868    | 2.99   | ug/l  | 98     |
| 65) Chlorobenzene            | 10.14 | 112  | 10687    | 1.15   | ug/l  | 96     |
| 91) 1,2-Dichlorobenzene      | 12.40 | 146  | 9824     | 1.38   | ug/l  | 100    |

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

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