

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\  
 Data File : VX004178.D  
 Acq On : 21 Aug 2018 16:17  
 Operator : JC/MD  
 Sample : J4271-14  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 HR-06-082018-C

Quant Time: Aug 22 01:40:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 13:27:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 279235   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 466257   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 443381   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 230206   | 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   | 209340     | 53.21   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 106.42% |       |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 176571     | 50.60   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 101.20% |       |          |
| 50) Toluene-d8              | 8.71  | 98   | 645637     | 45.63   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 91.26%  |       |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 223613     | 43.58   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 87.16%  |       |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 16) Acetone                | 2.45  | 43   | 36777    | 17.98 | ug/l  | 99     |
| 18) Methyl Acetate         | 2.78  | 43   | 6468     | 1.42  | ug/l  | 94     |
| 20) Methylene Chloride     | 2.86  | 84   | 39614    | 11.38 | ug/l  | 96     |
| 25) 2-Butanone             | 4.71  | 43   | 4535     | 1.36  | ug/l  | 97     |
| 30) Chloroform             | 5.21  | 83   | 6700     | 1.11  | ug/l  | 100    |
| 43) Isopropyl Acetate      | 6.46  | 43   | 121668   | 14.29 | ug/l  | 100    |
| 68) m/p-Xylenes            | 10.36 | 106  | 15504    | 2.18  | ug/l  | 97     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 13463    | 1.02  | ug/l  | 98     |
| 95) Naphthalene            | 13.83 | 128  | 120883   | 8.48  | ug/l  | 100    |

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

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