

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\  
 Data File : VX006647.D  
 Acq On : 19 Dec 2018 19:51  
 Operator : JC/MD  
 Sample : J6479-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-1

Quant Time: Dec 20 04:37:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 611079   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 988405   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 905849   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 431027   | 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   | 341550   | 51.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.72% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 292720   | 46.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.66%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1170060  | 49.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.30%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 424307   | 49.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.32%  |          |

| Target Compounds           | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|------|------|----------|---------|--------|--------|
| 4) Vinyl Chloride          | 1.41 | 62   | 19509    | 3.102   | ug/l   | 92     |
| 12) 1,1-Dichloroethene     | 2.38 | 96   | 207110   | 37.934  | ug/l   | 97     |
| 24) 1,1-Dichloroethane     | 3.70 | 63   | 187424   | 18.674  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene | 4.60 | 96   | 35495    | 5.318   | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane  | 5.50 | 97   | 20259    | 2.308   | ug/l   | 97     |
| 39) Methylcyclohexane      | 7.47 | 83   | 3584     | 0.333   | ug/l # | 80     |
| 40) Benzene                | 6.14 | 78   | 6636     | 0.267   | ug/l # | 88     |
| 42) 1,2-Dichloroethane     | 6.20 | 62   | 11947    | 1.409   | ug/l   | 92     |
| 44) Trichloroethene        | 7.22 | 130  | 4905     | 0.651   | ug/l   | 83     |
| 49) 1,4-Dioxane            | 7.75 | 88   | 43915    | 239.470 | ug/l   | 95     |

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

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