

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\  
 Data File : VX006422.D  
 Acq On : 11 Dec 2018 15:58  
 Operator : JC/MD  
 Sample : J6334-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B1-121018

Quant Time: Dec 12 09:18:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 839948   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 1236925  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 1112135  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 552423   | 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   | 398861   | 46.52 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.04% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 374443   | 46.76 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.52% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1426614  | 48.97 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.94% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 522317   | 47.58 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.16% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 11) Tert butyl alcohol     | 3.06  | 59   | 10784    | 4.599  | ug/l  | 96     |
| 16) Acetone                | 2.45  | 43   | 53593    | 13.318 | ug/l  | 98     |
| 25) 2-Butanone             | 4.70  | 43   | 33567    | 5.846  | ug/l  | 97     |
| 31) Cyclohexane            | 5.58  | 56   | 73817    | 5.959  | ug/l  | 93     |
| 39) Methylcyclohexane      | 7.46  | 83   | 59253    | 4.382  | ug/l  | 96     |
| 40) Benzene                | 6.15  | 78   | 74862    | 2.400  | ug/l  | 94     |
| 51) 4-Methyl-2-Pentanone   | 8.65  | 43   | 43327    | 3.827  | ug/l  | 99     |
| 52) Toluene                | 8.79  | 92   | 16146    | 0.787  | ug/l  | 93     |
| 68) m/p-Xylenes            | 10.36 | 106  | 55072    | 3.501  | ug/l  | 99     |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105  | 36839    | 1.161  | ug/l  | 97     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 100643   | 3.071  | ug/l  | 97     |
| 95) Naphthalene            | 13.83 | 128  | 82452    | 1.943  | ug/l  | 97     |

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

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