

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\  
 Data File : VX011212.D  
 Acq On : 30 Jul 2019 21:57  
 Operator : JC/SP  
 Sample : K4024-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-8

Quant Time: Jul 31 09:28:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 224688   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 320586   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 285658   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 145619   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 108859   | 45.54 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.08% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 94912    | 46.64 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.28% |          |
| 50) Toluene-d8              | 8.71  | 98   | 374116   | 49.02 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.04% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 129418   | 46.13 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.26% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 11) Tert butyl alcohol     | 3.04  | 59   | 15880    | 28.526 | ug/l   | 99     |
| 16) Acetone                | 2.44  | 43   | 10855    | 10.055 | ug/l   | 94     |
| 39) Methylcyclohexane      | 7.46  | 83   | 1305     | 0.382  | ug/l # | 87     |
| 67) Ethyl Benzene          | 10.25 | 91   | 2123     | 0.213  | ug/l # | 88     |
| 68) m/p-Xylenes            | 10.36 | 106  | 1947     | 0.508  | ug/l   | 96     |
| 69) o-Xylene               | 10.69 | 106  | 2392     | 0.640  | ug/l   | 97     |
| 73) Isopropylbenzene       | 11.02 | 105  | 112590   | 11.443 | ug/l   | 99     |
| 78) n-propylbenzene        | 11.36 | 91   | 258454   | 23.773 | ug/l   | 99     |
| 83) tert-Butylbenzene      | 11.77 | 119  | 5377     | 0.666  | ug/l   | 87     |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105  | 9707     | 1.171  | ug/l   | 95     |
| 85) sec-Butylbenzene       | 11.94 | 105  | 98194    | 10.377 | ug/l   | 87     |
| 89) n-Butylbenzene         | 12.38 | 91   | 87664    | 11.713 | ug/l   | 86     |

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

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