

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\  
 Data File : VX003382.D  
 Acq On : 14 Jul 2018 00:40  
 Operator : JC/MD  
 Sample : J3545-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DRUM-3

Quant Time: Jul 14 03:34:14 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071318W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 13 17:01:02 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 293669   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 434009   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 392826   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 210321   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 183612   | 57.29 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 114.58% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 161478   | 50.55 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.10% |          |
| 50) Toluene-d8              | 8.72  | 98   | 602845   | 57.79 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 115.58% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 202431   | 45.51 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.02%  |          |
| Target Compounds            |       |      |          |       |         |          |
|                             |       |      |          |       |         | Qvalue   |
| 11) Tert butyl alcohol      | 3.07  | 59   | 2065     | 2.42  | ug/l #  | 88       |
| 16) Acetone                 | 2.45  | 43   | 16114    | 9.77  | ug/l    | 93       |
| 18) Methyl Acetate          | 2.78  | 43   | 8949     | 1.75  | ug/l    | 95       |
| 20) Methylene Chloride      | 2.86  | 84   | 66515    | 18.11 | ug/l    | 92       |
| 25) 2-Butanone              | 4.71  | 43   | 4306     | 1.69  | ug/l    | 96       |
| 43) Isopropyl Acetate       | 6.47  | 43   | 117578   | 14.85 | ug/l    | 94       |
| 68) m/p-Xylenes             | 10.36 | 106  | 13995    | 2.21  | ug/l    | 98       |
| 74) N-amyl acetate          | 6.47  | 43   | 117578   | 17.44 | ug/l #  | 94       |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 12329    | 1.02  | ug/l    | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 38438    | 3.14  | ug/l    | 100      |
| 95) Naphthalene             | 13.83 | 128  | 28587    | 1.94  | ug/l    | 98       |

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

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