

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\  
 Data File : VX000568.D  
 Acq On : 30 Mar 2018 18:48  
 Operator : JC/MD  
 Sample : J2106-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 19606

Manual Integrations  
 APPROVED

sam  
 4/4/2018 6:12:01 PM

Quant Time: Apr 04 11:13:13 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 21 04:52:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 162846   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 285486   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 351093   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 183464   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 109519   | 51.52  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.04% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 86783    | 48.24  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.48%  |          |
| 50) Toluene-d8              | 8.73  | 98   | 362374   | 48.64  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.28%  |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 156055   | 49.62  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.24%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 13) Acrolein                | 2.31  | 56   | 2625     | 25.17  | ug/l    | 98       |
| 16) Acetone                 | 2.45  | 43   | 535869   | 303.04 | ug/l    | 98       |
| 20) Methylene Chloride      | 2.87  | 84   | 3104     | 1.52   | ug/l    | 98       |
| 25) 2-Butanone              | 4.72  | 43   | 132885   | 66.86  | ug/l    | 100      |
| 51) 4-Methyl-2-Pentanone    | 8.66  | 43   | 32364m   | 7.69   | ug/l    |          |
| 52) Toluene                 | 8.79  | 92   | 12976    | 2.39   | ug/l    | 95       |
| 86) p-Isopropyltoluene      | 12.07 | 119  | 16793    | 1.48   | ug/l    | 90       |
| 95) Naphthalene             | 13.85 | 128  | 22703    | 1.51   | ug/l    | 99       |

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

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