

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\  
 Data File : VU025742.D  
 Acq On : 31 Jul 2018 16:35  
 Operator : MD/SY  
 Sample : J4040-03ME  
 Misc : 4.97g/5.0mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AE8

Quant Time: Jul 31 16:54:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U072718W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 13:11:52 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 186045   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 295111   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 294403   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 189355   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 141419   | 48.79 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.58%  |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 117551   | 45.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.60%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 427001   | 47.54 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.08%  |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 178739   | 51.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.54% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 1194     | 0.444     | ug/l   | 97     |
| 5) Bromomethane                | 1.60  | 94   | 727      | 0.589     | ug/l # | 74     |
| 10) Methyl Iodide              | 2.39  | 142  | 787      | 8.925     | ug/l # | 78     |
| 11) Tert butyl alcohol         | 2.84  | 59   | 8827     | 13.908    | ug/l # | 73     |
| 13) Acrolein                   | 2.20  | 56   | 70       | Below Cal | #      | 74     |
| 16) Acetone                    | 2.35  | 43   | 1319     | 0.933     | ug/l   | 97     |
| 18) Methyl Acetate             | 2.63  | 43   | 928      | 0.273     | ug/l # | 52     |
| 20) Methylene Chloride         | 2.69  | 84   | 1159     | 0.463     | ug/l # | 69     |
| 29) Tetrahydrofuran            | 4.66  | 42   | 656      | 0.569     | ug/l # | 75     |
| 31) Cyclohexane                | 4.98  | 56   | 3768     | Below Cal | #      | 11     |
| 36) 1,1-Dichloropropene        | 4.98  | 75   | 13811    | 4.005     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 4.98  | 117  | 17759    | 4.546     | ug/l # | 16     |
| 76) 1,2,3-Trichloropropane     | 10.31 | 75   | 91451    | 21.920    | ug/l # | 36     |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75   | 91451    | 54.963    | ug/l # | 100    |
| 95) Naphthalene                | 13.76 | 128  | 645      | 1.295     | ug/l # | 69     |

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

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