

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\  
 Data File : VU025139.D  
 Acq On : 02 Jul 2018 13:34  
 Operator : MD/SY  
 Sample : J3759-12DL 10X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021RW350-180625DL

Quant Time: Jul 03 04:36:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 206541   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 311846   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 289148   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 153695   | 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   | 159526   | 47.31 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.62% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 123842   | 47.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.70% |          |
| 50) Toluene-d8              | 7.57  | 98   | 446162   | 47.26 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.52% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 167243   | 44.62 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.24% |          |

| Target Compounds             | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------------|-------|------|----------|-------|--------|--------|
| 4) Vinyl Chloride            | 1.40  | 62   | 140658   | 51.64 | ug/l   | 97     |
| 6) Chloroethane              | 1.70  | 64   | 12536    | 7.34  | ug/l   | 96     |
| 11) Tert butyl alcohol       | 2.83  | 59   | 5371     | 6.55  | ug/l # | 88     |
| 21) trans-1,2-Dichloroethene | 2.99  | 96   | 4294     | 1.66  | ug/l   | 89     |
| 24) 1,1-Dichloroethane       | 3.45  | 63   | 6511     | 1.31  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene   | 4.23  | 96   | 31999    | 10.75 | ug/l   | 87     |
| 40) Benzene                  | 5.40  | 78   | 16864    | 1.62  | ug/l   | 92     |
| 44) Trichloroethene          | 6.19  | 130  | 15147    | 5.10  | ug/l   | 98     |
| 49) 1,4-Dioxane              | 6.63  | 88   | 448      | 6.81  | ug/l # | 59     |
| 65) Chlorobenzene            | 9.12  | 112  | 109212   | 14.79 | ug/l   | 99     |
| 87) 1,3-Dichlorobenzene      | 11.43 | 146  | 3162     | 0.57  | ug/l   | 89     |
| 88) 1,4-Dichlorobenzene      | 11.51 | 146  | 11210    | 2.02  | ug/l   | 84     |
| 91) 1,2-Dichlorobenzene      | 11.89 | 146  | 38154    | 6.90  | ug/l   | 96     |

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

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