

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\  
 Data File : VU028904.D  
 Acq On : 22 Dec 2018 03:32  
 Operator : MD/SY  
 Sample : J6542-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F64

Quant Time: Dec 22 04:02:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 22 01:55:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 172805   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 161323   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 65174    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 59452    | 42.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.82%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 48162    | 45.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.02%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 77742    | 33.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.74%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 101404   | 104.47   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 104.47% |
| 24) Chloroform-d               | 4.65    | 84    | 103194   | 47.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.74%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 66172    | 49.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.56%  |
| 32) Benzene-d6                 | 5.34    | 84    | 226558   | 49.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 78477    | 50.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.38% |
| 41) Toluene-d8                 | 7.56    | 98    | 199598   | 48.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.66%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 32707    | 47.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.28%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 76948    | 104.64   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 105809   | 49.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.52%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 68557    | 52.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.02% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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