

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\  
 Data File : VV008932.D  
 Acq On : 14 Dec 2018 16:17  
 Operator : SY/MD  
 Sample : J6367-18  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL54

Quant Time: Dec 15 00:20:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 14 23:39:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 208598   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 190382   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 80882    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 53608    | 44.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.02%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 39506    | 51.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.06% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 106536   | 37.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.06%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 90444    | 111.20   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 111.20% |
| 24) Chloroform-d               | 4.40    | 84    | 123026   | 47.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 82755    | 49.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.96%  |
| 32) Benzene-d6                 | 5.10    | 84    | 256552   | 50.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.02% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 77248    | 50.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.22% |
| 41) Toluene-d8                 | 7.36    | 98    | 235704   | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.88%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 37465    | 47.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.84%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 59867    | 104.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 94135    | 47.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 84302    | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.08% |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 5941 | 3.922 ug/L | 91     |

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

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