

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121318\  
 Data File : VV008919.D  
 Acq On : 13 Dec 2018 19:25  
 Operator : SY/MD  
 Sample : J6367-09  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL45

Quant Time: Dec 20 05:13:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 14 01:09:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 202761   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 184091   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 76669    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 55161    | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.16%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 41138    | 55.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 110.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 106872   | 38.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.44%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 86908    | 109.93   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.93% |
| 24) Chloroform-d               | 4.40    | 84    | 123886   | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.06%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 81323    | 50.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.06% |
| 32) Benzene-d6                 | 5.10    | 84    | 255271   | 51.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.92% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 76498    | 51.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.64% |
| 41) Toluene-d8                 | 7.36    | 98    | 233398   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.24% |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 36583    | 48.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.78%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 60216    | 109.14   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 96998    | 50.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 82731    | 52.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.64% |

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

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

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