

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV121718\  
 Data File : VV008996.D  
 Acq On : 17 Dec 2018 22:05  
 Operator : SY/MD  
 Sample : J6387-12  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Dec 18 03:51:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 18 03:36:51 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 198552   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 181163   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 77413    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 55065    | 47.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.98%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 45671    | 62.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 125.18% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 106782   | 39.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.00%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 88903    | 114.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.83% |
| 24) Chloroform-d               | 4.41    | 84    | 118682   | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 80351    | 50.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.98% |
| 32) Benzene-d6                 | 5.10    | 84    | 247508   | 50.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 75129    | 51.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.42% |
| 41) Toluene-d8                 | 7.36    | 98    | 230504   | 50.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.60% |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 35258    | 47.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.78%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 60487    | 111.40   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.40% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 91894    | 48.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 80869    | 50.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.30% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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