

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\  
 Data File : VV014571.D  
 Acq On : 12 Feb 2020 14:54  
 Operator : SY/MD  
 Sample : L1489-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFRE2

Quant Time: Feb 13 09:11:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM021220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 13 05:55:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 317295   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 296711   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 147870   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 59830    | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.20%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 42264    | 49.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 75494    | 37.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.26%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 95375    | 94.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.39%  |
| 24) Chloroform-d               | 4.40    | 84    | 166507   | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 107665   | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.68%  |
| 32) Benzene-d6                 | 5.09    | 84    | 357099   | 50.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.66% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 105887   | 49.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.08%  |
| 41) Toluene-d8                 | 7.35    | 98    | 339467   | 49.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.46%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 57768    | 49.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.04%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 77071    | 90.24    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 141160   | 48.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 129287   | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.98%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 3081 | 3.554 ug/L | 94     |

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

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