

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
 Data File : VV014916.D  
 Acq On : 13 Mar 2020 20:19  
 Operator : SY/MD  
 Sample : L1858-18  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFRG8

Quant Time: Mar 16 02:33:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 16 01:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 403027   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 389518   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 191876   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 94538    | 34.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 69.32%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 76193    | 35.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 70.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 121127   | 26.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 53.46%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 137199   | 67.45    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 67.45%  |
| 24) Chloroform-d               | 4.38    | 84    | 217933   | 42.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 148192   | 42.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.50%  |
| 32) Benzene-d6                 | 5.08    | 84    | 440429   | 42.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.64%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 136835   | 40.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.28%  |
| 41) Toluene-d8                 | 7.34    | 98    | 423147   | 42.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.02%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 63419    | 38.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.20%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 131927   | 87.16    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 199036   | 42.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.90%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 176501   | 46.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.82%  |

| Target Compounds |      |     |      |            | Ovalue |
|------------------|------|-----|------|------------|--------|
| 25) Chloroform   | 4.41 | 83  | 6581 | 1.202 ug/L | 80     |
| 61) Bromoform    | 9.75 | 173 | 3232 | 1.553 ug/L | 94     |

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

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