

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112719\  
 Data File : VV013833.D  
 Acq On : 27 Nov 2019 19:52  
 Operator : SY/MD  
 Sample : K6056-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE17

Quant Time: Nov 29 02:56:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 28 02:51:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 312403   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 308140   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 138008   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 67011    | 3.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.40%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 70932    | 4.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.40%   |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 102892   | 3.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.20%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 263159   | 65.47    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 130.94%# |
| 24) Chloroform-d               | 4.40   | 84    | 174537   | 4.48     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 97575    | 5.26     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.20%  |
| 32) Benzene-d6                 | 5.09   | 84    | 347248   | 4.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40%   |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 112098   | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%   |
| 41) Toluene-d8                 | 7.36   | 98    | 265598   | 3.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.20%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 37126    | 4.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.60%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 193789   | 56.97    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 87365    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 130919   | 5.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40%  |

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

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

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