

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\  
 Data File : VV018238.D  
 Acq On : 16 Sep 2020 15:25  
 Operator : SY/MD  
 Sample : L4024-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3J5

Quant Time: Sep 17 05:15:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 17 04:38:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 232903   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 232168   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 111909   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 100217   | 52.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 105.60% |
| 7) Chloroethane-d5             | 1.58    | 69    | 81897    | 52.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 105.46% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 142126   | 40.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.64%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 119197   | 102.60   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.60% |
| 24) Chloroform-d               | 4.38    | 84    | 171886   | 52.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.38% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 114930   | 54.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.88% |
| 32) Benzene-d6                 | 5.08    | 84    | 352447   | 53.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.06% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 111504   | 52.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.60% |
| 41) Toluene-d8                 | 7.34    | 98    | 312264   | 51.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.10% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 54640    | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.84% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 87568    | 109.47   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.47% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 143573   | 54.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 108.34% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 130592   | 56.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.64% |

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

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

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