

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\  
 Data File : VV018376.D  
 Acq On : 21 Sep 2020 17:30  
 Operator : SY/MD  
 Sample : L4090-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWY3

Quant Time: Sep 22 05:52:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 22 04:28:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 216935   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 215151   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 101904   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 54421    | 30.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 61.56%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 48460    | 33.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 67.00%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 82700    | 25.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 51.00%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 71736    | 66.29    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 66.29%  |
| 24) Chloroform-d               | 4.38    | 84    | 106093   | 34.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 69.18%# |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 70638    | 35.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.84%  |
| 32) Benzene-d6                 | 5.08    | 84    | 210589   | 34.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 68.38%# |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 67900    | 34.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 69.40%# |
| 41) Toluene-d8                 | 7.34    | 98    | 180928   | 32.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 64.46%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 31984    | 32.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.32%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 42212    | 56.94    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 56.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 81925    | 33.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 66.70%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 80176    | 38.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.62%# |

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

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

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