

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\  
 Data File : VV018375.D  
 Acq On : 21 Sep 2020 17:08  
 Operator : SY/MD  
 Sample : L4090-09  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWY2

Quant Time: Sep 22 05:47:45 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  | 286924   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 281328   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 137903   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 85433    | 36.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 73.08% |
| 7) Chloroethane-d5             | 1.58    | 69    | 75446    | 39.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.86% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 131671   | 30.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.40% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 122170   | 85.36    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.36% |
| 24) Chloroform-d               | 4.38    | 84    | 172422   | 42.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 114218   | 43.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.84% |
| 32) Benzene-d6                 | 5.08    | 84    | 343758   | 42.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.36% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 111486   | 43.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.14% |
| 41) Toluene-d8                 | 7.34    | 98    | 305138   | 41.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.14% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53581    | 41.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.40% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 77630    | 80.09    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 135380   | 42.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.30% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 131359   | 46.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.76% |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.95 | 95 | 5638 | 2.573 ug/L | 96     |

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

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