

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\  
 Data File : VV018242.D  
 Acq On : 16 Sep 2020 17:41  
 Operator : SY/MD  
 Sample : L4043-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AD4

Quant Time: Sep 17 05:27:33 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  | 304718   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 301056   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 146933   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 93216    | 37.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.08%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 77229    | 38.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.02%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 134239   | 29.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.94%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 116660   | 76.75    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 76.75%  |
| 24) Chloroform-d               | 4.38    | 84    | 163700   | 37.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.98%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 110114   | 39.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.74%  |
| 32) Benzene-d6                 | 5.08    | 84    | 331856   | 38.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.02%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 105929   | 38.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 77.36%  |
| 41) Toluene-d8                 | 7.34    | 98    | 298427   | 37.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 75.98%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51486    | 37.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 84924    | 81.87    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.87%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 139073   | 40.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.92%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 125833   | 41.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.40%  |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.95 | 95 | 8801 | 3.753 ug/L | 93     |

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

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