

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\  
 Data File : VV012780.D  
 Acq On : 14 Sep 2019 21:00  
 Operator : SY/MD  
 Sample : K4867-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMH3

Quant Time: Sep 16 06:09:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM091319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 16 04:57:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 692435   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 653682   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 228857   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 153383   | 39.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.16%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 155180   | 44.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 249498   | 32.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.38%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 438379   | 107.72   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.72% |
| 24) Chloroform-d               | 4.40    | 84    | 461963   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 299568   | 50.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.58% |
| 32) Benzene-d6                 | 5.10    | 84    | 849377   | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.38%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 310604   | 50.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.92% |
| 41) Toluene-d8                 | 7.36    | 98    | 718682   | 45.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.08%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 114746   | 44.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.50%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 224494   | 95.06    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 369730   | 46.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.90%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 288374   | 55.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.42% |

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

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

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