

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\  
 Data File : VV012172.D  
 Acq On : 10 Aug 2019 00:52  
 Operator : SY/MD  
 Sample : K4248-10  
 Misc : 5mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F2B46

Quant Time: Aug 14 08:49:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081019WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 05:07:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 267616   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 246323   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 107886   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 44895    | 45.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.20%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 31266    | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 64271    | 34.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.06%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 30969    | 63.62    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 63.62%  |
| 24) Chloroform-d               | 4.40    | 84    | 90334    | 44.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 60551    | 51.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.24% |
| 32) Benzene-d6                 | 5.10    | 84    | 193652   | 50.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.42% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 51633    | 49.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 7.36    | 98    | 173146   | 47.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.18%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 25160    | 44.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.38%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 36930    | 92.92    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 68208    | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 66386    | 52.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.12% |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 2961 | 1.742 ug/L | 91     |

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

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