

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\  
 Data File : VV012211.D  
 Acq On : 12 Aug 2019 17:42  
 Operator : SY/MD  
 Sample : K4248-08  
 Misc : 5mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Aug 13 07:04:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 13 06:45:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 430322   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 413785   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 183930   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 137551   | 48.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.16%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 127243   | 51.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.72% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 195236   | 36.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.64%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 288607   | 115.29   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 115.29% |
| 24) Chloroform-d               | 4.40    | 84    | 334051   | 51.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.96% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 219556   | 53.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.40% |
| 32) Benzene-d6                 | 5.10    | 84    | 679945   | 52.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.22% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 217075   | 53.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.28% |
| 41) Toluene-d8                 | 7.36    | 98    | 595180   | 50.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.72% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 99994    | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.88%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 192925   | 109.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 302313   | 51.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.76% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 243361   | 55.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.86% |

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

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

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