

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\  
 Data File : VV014012.D  
 Acq On : 11 Dec 2019 15:02  
 Operator : SY/MD  
 Sample : K6148-08  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Dec 12 03:35:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 12 03:01:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 673562   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 558858   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 227434   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 184551   | 47.37    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.74%   |
| 7) Chloroethane-d5             | 1.56    | 69    | 191322   | 47.05    | ug/L | -0.01    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.10%   |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 293661   | 34.09    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.18%   |
| 21) 2-Butanone-d5              | 3.92    | 46    | 280930   | 102.46   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.46%  |
| 24) Chloroform-d               | 4.39    | 84    | 404737   | 49.47    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.94%   |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 260991   | 50.35    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.70%  |
| 32) Benzene-d6                 | 5.09    | 84    | 840186   | 58.02    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 116.04%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 273402   | 62.90    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 125.80%# |
| 41) Toluene-d8                 | 7.35    | 98    | 662219   | 50.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.32%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 96060    | 45.41    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.82%   |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 140766   | 86.73    | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.73%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 275001   | 43.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.38%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 250064   | 55.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.96%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.18 | 43 | 8959 | 2.230 ug/L | 89     |

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

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