

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\  
 Data File : VV014200.D  
 Acq On : 27 Dec 2019 19:07  
 Operator : SY/MD  
 Sample : K6432-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF6X3

Quant Time: Dec 28 17:26:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR122719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Dec 28 01:05:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 702103   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 662678   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 295495   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 983      | 0.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 0.60%#  |
| 7) Chloroethane-d5             | 1.58   | 69    | 165716   | 6.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 121.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 11454    | 0.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 3.80%#  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 463508   | 56.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.48% |
| 24) Chloroform-d               | 4.40   | 84    | 465921   | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.00% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 229935   | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.60% |
| 32) Benzene-d6                 | 5.09   | 84    | 915493   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 310100   | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 17690    | 0.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 2.00%#  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 35723    | 1.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 29.20%# |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 425556   | 45.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 209631   | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 270914   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

## Target Compounds

|                          |      |     |        |        | Ovalue    |
|--------------------------|------|-----|--------|--------|-----------|
| 3) Chloromethane         | 1.25 | 50  | 47362  | 0.982  | ug/L 98   |
| 8) Chloroethane          | 1.60 | 64  | 7536   | 0.309  | ug/L 91   |
| 13) Acetone              | 2.21 | 43  | 111626 | 22.156 | ug/L 86   |
| 14) Carbon disulfide     | 2.32 | 76  | 112422 | 0.828  | ug/L 98   |
| 25) Chloroform           | 4.42 | 83  | 59878  | 0.657  | ug/L 100  |
| 33) Benzene              | 5.14 | 78  | 42143  | 0.206  | ug/L 100  |
| 34) Trichloroethene      | 5.96 | 95  | 20064  | 0.365  | ug/L 95   |
| 38) Bromodichloromethane | 6.55 | 83  | 7549   | 0.114  | ug/L # 82 |
| 51) Chlorobenzene        | 8.92 | 112 | 9213   | 0.066  | ug/L # 78 |

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

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