

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\  
 Data File : VV014698.D  
 Acq On : 24 Feb 2020 14:43  
 Operator : SY/MD  
 Sample : L1608-04RE  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AQ8RE

Quant Time: Feb 25 07:46:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM022120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 25 06:37:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 168886   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 161744   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 76569    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 33612    | 50.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.92%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 28363    | 59.33    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 118.66%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 59009    | 48.00    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.00%   |
| 21) 2-Butanone-d5              | 3.95    | 46    | 93164    | 151.95   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 151.95%# |
| 24) Chloroform-d               | 4.40    | 84    | 150465   | 69.68    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 139.36%# |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 103667   | 75.09    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 150.18%# |
| 32) Benzene-d6                 | 5.10    | 84    | 291907   | 68.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 136.38%# |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 86081    | 68.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 137.92%# |
| 41) Toluene-d8                 | 7.36    | 98    | 270269   | 65.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 131.10%# |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 47552    | 68.00    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 136.00%# |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 73030    | 145.97   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 145.97%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 126955   | 73.40    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 146.80%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 112518   | 75.11    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 150.22%# |

| Target Compounds       |      |    |      |              | Ovalue |
|------------------------|------|----|------|--------------|--------|
| 12) 1,1-Dichloroethene | 2.13 | 96 | 580  | 1.127 ug/L # | 1      |
| 25) Chloroform         | 4.43 | 83 | 5939 | 2.837 ug/L   | 96     |
| 34) Trichloroethene    | 5.96 | 95 | 1697 | 1.398 ug/L # | 73     |

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

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