

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\  
 Data File : VV019954.D  
 Acq On : 08 Jan 2021 17:58  
 Operator : SY/MD  
 Sample : M1064-02DL 500X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4X3DL

Quant Time: Jan 09 00:40:36 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 08 22:51:06 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 438686   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 424052   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.26 | 152  | 191683   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 93391    | 27.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 55.02%# |
| 7) Chloroethane-d5             | 1.57    | 69    | 99939    | 37.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 74.08%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 163096   | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 50.84%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 280789   | 111.59   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 111.59% |
| 24) Chloroform-d               | 4.35    | 84    | 264443   | 41.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 188797   | 45.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.06%  |
| 32) Benzene-d6                 | 5.05    | 84    | 456941   | 37.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 74.84%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 166184   | 41.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.78%  |
| 41) Toluene-d8                 | 7.32    | 98    | 376281   | 34.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 69.24%# |
| 43) trans-1,3-Dichloropropene- | 7.63    | 79    | 65490    | 32.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.62%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 150884   | 90.92    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 239676   | 45.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 165659   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.36%  |

| Target Compounds      |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 34) Trichloroethene   | 5.92 | 95  | 29214  | 8.256 ug/L   | 95     |
| 46) Tetrachloroethene | 7.98 | 164 | 360460 | 152.544 ug/L | 99     |

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

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