

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\  
 Data File : VV017952.D  
 Acq On : 13 Aug 2020 02:07  
 Operator : SY/MD  
 Sample : L3665-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4L35

Quant Time: Aug 13 06:49:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 13 05:58:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 242363   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 238986   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 109841   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 82282    | 44.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.00%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 69594    | 46.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 121817   | 34.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.88%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 127512   | 105.28   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.28% |
| 24) Chloroform-d               | 4.38    | 84    | 154690   | 45.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 110096   | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.70% |
| 32) Benzene-d6                 | 5.08    | 84    | 317587   | 48.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.44%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 105297   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.34    | 98    | 275929   | 46.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.18%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 44225    | 45.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.56%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 59527    | 86.15    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.15%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 130552   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.12%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 112525   | 52.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.10% |

## Target Compounds

|                              |      |    |         |          | Ovalue   |
|------------------------------|------|----|---------|----------|----------|
| 5) Vinyl chloride            | 1.32 | 62 | 631710  | 293.335  | ug/L 100 |
| 12) 1,1-Dichloroethene       | 2.13 | 96 | 5526    | 3.399    | ug/L # 1 |
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 24924   | 14.914   | ug/L 99  |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96 | 3279067 | 1785.515 | ug/L 98  |
| 25) Chloroform               | 4.41 | 83 | 5821    | 1.698    | ug/L 96  |
| 34) Trichloroethene          | 5.94 | 95 | 125518  | 64.223   | ug/L 99  |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\  
Data File : VV017952.D  
Acq On : 13 Aug 2020 02:07  
Operator : SY/MD  
Sample : L3665-06  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4L35

Quant Time: Aug 13 06:49:56 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 13 05:58:58 2020  
Response via : Initial Calibration

