

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\  
 Data File : VV017462.D  
 Acq On : 13 Jul 2020 12:07  
 Operator : SY/MD  
 Sample : L3270-16  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A31

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 12:19:31 PM

Quant Time: Jul 14 05:49:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 14 05:08:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 142817   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 132555   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 62857    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 67808    | 91.20    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 182.40%# |
| 7) Chloroethane-d5             | 1.58    | 69    | 51643    | 98.88    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 197.76%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 110956   | 65.91    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 131.82%# |
| 21) 2-Butanone-d5              | 3.91    | 46    | 84659    | 166.71   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 166.71%# |
| 24) Chloroform-d               | 4.38    | 84    | 144966   | 84.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 168.58%# |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 105238   | 89.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 178.30%# |
| 32) Benzene-d6                 | 5.08    | 84    | 262410   | 91.64    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 183.28%# |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 75161    | 91.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 182.30%# |
| 41) Toluene-d8                 | 7.34    | 98    | 242178   | 87.97    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 175.94%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 43149    | 89.91    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 179.82%# |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 55002    | 162.53   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 162.53%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 89877    | 77.63    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 155.26%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 99019    | 94.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 188.44%# |

## Target Compounds

|                            |      |     |       |             | Ovalue |
|----------------------------|------|-----|-------|-------------|--------|
| 13) Acetone                | 2.19 | 43  | 6069  | 8.779 ug/L  | 86     |
| 19) 1,1-Dichloroethane     | 3.22 | 63  | 2035m | 1.186 ug/L  |        |
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 29623 | 29.638 ug/L | 99     |
| 34) Trichloroethene        | 5.95 | 95  | 2876  | 2.765 ug/L  | 81     |
| 46) Tetrachloroethene      | 8.00 | 164 | 12857 | 14.719 ug/L | 94     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071320\  
Data File : VV017462.D  
Acq On : 13 Jul 2020 12:07  
Operator : SY/MD  
Sample : L3270-16  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A31

Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 12:19:31 PM

Quant Time: Jul 14 05:49:18 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 14 05:08:48 2020  
Response via : Initial Calibration

