

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\  
 Data File : VV016564.D  
 Acq On : 06 Jun 2020 03:16  
 Operator : SY/MD  
 Sample : L2862-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 06 07:23:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 06 06:28:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 373747   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 357697   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 184213   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 120165   | 45.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.78%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 87096    | 45.57    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 165483   | 35.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.52%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 199783   | 118.03   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 118.03% |
| 24) Chloroform-d               | 4.37    | 84    | 248976   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.24% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 179188   | 53.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.72% |
| 32) Benzene-d6                 | 5.08    | 84    | 511099   | 53.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.68% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 156732   | 52.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.00% |
| 41) Toluene-d8                 | 7.34    | 98    | 463320   | 53.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.48% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 74364    | 51.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.22% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 153431   | 120.00   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 120.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 214571   | 52.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.98% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 196675   | 56.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.62% |

## Target Compounds

| Target Compounds         | R.T. | QIon | Response  | Conc     | Units  | Ovalue |
|--------------------------|------|------|-----------|----------|--------|--------|
| 13) Acetone              | 2.17 | 43   | 7390      | 4.671    | ug/L   | 91     |
| 29) Cyclohexane          | 4.70 | 56   | 185987    | 43.809   | ug/L   | 100    |
| 33) Benzene              | 5.12 | 78   | 29021023m | 2758.702 | ug/L   |        |
| 35) Methylcyclohexane    | 6.15 | 83   | 13518     | 3.412    | ug/L   | 89     |
| 40) 4-Methyl-2-pentanone | 7.24 | 43   | 12822     | 3.398    | ug/L # | 64     |
| 42) Toluene              | 7.41 | 91   | 518875    | 46.547   | ug/L   | 99     |
| 52) Ethylbenzene         | 9.03 | 91   | 2594062   | 213.811  | ug/L   | 100    |
| 53) m,p-Xylene           | 9.16 | 106  | 132366    | 28.934   | ug/L   | 99     |
| 54) o-xylene             | 9.57 | 106  | 76254     | 17.211   | ug/L   | 98     |
| 56) Isopropylbenzene     | 9.95 | 105  | 56512     | 4.910    | ug/L   | 97     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\  
Data File : VV016564.D  
Acq On : 06 Jun 2020 03:16  
Operator : SY/MD  
Sample : L2862-10  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jun 06 07:23:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 06 06:28:49 2020  
Response via : Initial Calibration

