

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\  
 Data File : VV016565.D  
 Acq On : 06 Jun 2020 03:40  
 Operator : SY/MD  
 Sample : L2862-11  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 06 07:27:58 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  | 387314   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 370167   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 181945   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 118802   | 43.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.62%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 86422    | 43.64    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.28%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 161478   | 33.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.42%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 194101   | 110.66   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.66% |
| 24) Chloroform-d               | 4.37    | 84    | 247068   | 47.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.98%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 180632   | 52.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 32) Benzene-d6                 | 5.08    | 84    | 498381   | 50.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.52% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 152028   | 49.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.42%  |
| 41) Toluene-d8                 | 7.34    | 98    | 463024   | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.84% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 73747    | 48.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.96%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 152842   | 115.51   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 115.51% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 193993   | 46.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 185575   | 54.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.54% |

## Target Compounds

| Target Compounds         | R.T. | QIon | Response  | Conc     | Units | Ovalue |
|--------------------------|------|------|-----------|----------|-------|--------|
| 13) Acetone              | 2.17 | 43   | 8018      | 4.891    | ug/L  | 98     |
| 29) Cyclohexane          | 4.70 | 56   | 253681    | 57.741   | ug/L  | 99     |
| 33) Benzene              | 5.12 | 78   | 34612669m | 3179.397 | ug/L  |        |
| 35) Methylcyclohexane    | 6.15 | 83   | 16419     | 4.004    | ug/L  | 89     |
| 40) 4-Methyl-2-pentanone | 7.25 | 43   | 150123    | 38.450   | ug/L  | 99     |
| 42) Toluene              | 7.41 | 91   | 7397321   | 641.245  | ug/L  | 97     |
| 52) Ethylbenzene         | 9.04 | 91   | 7970109   | 634.792  | ug/L  | 98     |
| 53) m,p-Xylene           | 9.16 | 106  | 570179    | 120.437  | ug/L  | 100    |
| 54) o-xylene             | 9.57 | 106  | 777896    | 169.658  | ug/L  | 98     |
| 56) Isopropylbenzene     | 9.95 | 105  | 207300    | 17.406   | ug/L  | 99     |

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

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