

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\  
 Data File : VV018330.D  
 Acq On : 18 Sep 2020 18:07  
 Operator : SY/MD  
 Sample : L4065-19  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK0

Quant Time: Sep 19 04:53:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 19 01:35:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 273739   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 272746   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 130418   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 97664    | 43.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.56% |
| 7) Chloroethane-d5             | 1.58    | 69    | 81401    | 44.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.18% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 140837   | 34.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.84% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 125346   | 91.80    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.80% |
| 24) Chloroform-d               | 4.38    | 84    | 172432   | 44.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.10% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 114401   | 46.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.22% |
| 32) Benzene-d6                 | 5.08    | 84    | 347394   | 44.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.98% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 110876   | 44.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 89.38% |
| 41) Toluene-d8                 | 7.34    | 98    | 303300   | 42.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.24% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51758    | 41.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.10% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 82677    | 87.98    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 138299   | 44.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.82% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128435   | 47.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.90% |

| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 34) Trichloroethene | 5.94 | 95 | 16504 | 7.769 ug/L | 99     |

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

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