

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\  
 Data File : VV018248.D  
 Acq On : 16 Sep 2020 20:41  
 Operator : SY/MD  
 Sample : L4042-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA1

Quant Time: Sep 17 05:45:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 17 05:33:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 291545   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 287760   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 136914   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 96994    | 40.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.64% |
| 7) Chloroethane-d5             | 1.58    | 69    | 79723    | 41.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.02% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137842   | 31.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.26% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 126101   | 86.71    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.71% |
| 24) Chloroform-d               | 4.38    | 84    | 172334   | 41.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.62% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 114662   | 43.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.78% |
| 32) Benzene-d6                 | 5.08    | 84    | 344834   | 41.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.72% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 110586   | 42.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.50% |
| 41) Toluene-d8                 | 7.34    | 98    | 307612   | 40.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.94% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53459    | 40.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.38% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 90569    | 91.35    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.35% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 148415   | 45.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.36% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128257   | 45.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.22% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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