

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\  
 Data File : VV017483.D  
 Acq On : 14 Jul 2020 14:52  
 Operator : SY/MD  
 Sample : L3281-17  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 15 04:04:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 15 02:49:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 145244   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 142470   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 69662    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 37982    | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 30734    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.40% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 58569    | 3.17     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 74473m   | 42.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.92% |
| 24) Chloroform-d               | 4.38   | 84    | 82679    | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.20% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 46506    | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20% |
| 32) Benzene-d6                 | 5.07   | 84    | 146997   | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 41621    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 136488   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00% |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 18730    | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.40% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 52505    | 39.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.38% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 25554    | 3.95     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.00% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 58441    | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.20% |

## Target Compounds

|                            |       |     |        |       | Ovalue |    |
|----------------------------|-------|-----|--------|-------|--------|----|
| 13) Acetone                | 2.25  | 43  | 10070m | 8.001 | ug/L   |    |
| 42) Toluene                | 7.41  | 91  | 8445   | 0.202 | ug/L   | 99 |
| 55) m,p-xylene             | 9.17  | 106 | 2037   | 0.112 | ug/L   | 76 |
| 71) 1,2,3-Trichlorobenzene | 13.77 | 180 | 2396   | 0.192 | ug/L   | 94 |

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

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