

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\  
 Data File : VV015995.D  
 Acq On : 11 May 2020 17:44  
 Operator : SY/MD  
 Sample : L2541-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H41Y8

Quant Time: May 12 03:17:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 12 01:07:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 144805   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 144790   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 64792    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 32463    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 33497    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 53769    | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 117218   | 52.31    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.62% |
| 24) Chloroform-d               | 4.38   | 84    | 80413    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 49633    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.08   | 84    | 162069   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 52001    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 142937   | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.80%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 13885    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 67.20%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 80149    | 44.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.40%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 37649    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.80% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 53726    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

## Target Compounds

|                            |      |     |       |            | Ovalue |
|----------------------------|------|-----|-------|------------|--------|
| 2) Dichlorodifluoromethane | 1.14 | 85  | 3513  | 0.317 ug/L | 96     |
| 25) Chloroform             | 4.40 | 83  | 9190  | 0.492 ug/L | 97     |
| 34) Trichloroethene        | 5.95 | 95  | 2767  | 0.266 ug/L | 94     |
| 49) Tetrachloroethene      | 8.00 | 164 | 24343 | 3.355 ug/L | 98     |

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

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