

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\  
 Data File : VV016028.D  
 Acq On : 12 May 2020 20:53  
 Operator : SY/MD  
 Sample : L2542-10  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 13 08:52:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 13 06:55:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 132080   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 128489   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 58970    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 26412    | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 27809    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 45914    | 2.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.60%# |
| 20) 2-Butanone-d5              | 3.94   | 46    | 110088   | 53.86    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.72% |
| 24) Chloroform-d               | 4.38   | 84    | 66673    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 44267    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 32) Benzene-d6                 | 5.08   | 84    | 140329   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 46032    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 123539   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 13785    | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.20%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 74341    | 46.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.40%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 33607    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.40% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 48401    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

## Target Compounds

|                            |      |     |       |            | Ovalue |
|----------------------------|------|-----|-------|------------|--------|
| 2) Dichlorodifluoromethane | 1.14 | 85  | 6376  | 0.630 ug/L | 100    |
| 3) Chloromethane           | 1.24 | 50  | 768   | 0.075 ug/L | 88     |
| 13) Acetone                | 2.23 | 43  | 4543m | 3.369 ug/L |        |
| 25) Chloroform             | 4.41 | 83  | 18449 | 1.083 ug/L | 99     |
| 34) Trichloroethene        | 5.94 | 95  | 1406  | 0.152 ug/L | 86     |
| 49) Tetrachloroethene      | 8.00 | 164 | 6741  | 1.047 ug/L | 98     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\  
Data File : VV016028.D  
Acq On : 12 May 2020 20:53  
Operator : SY/MD  
Sample : L2542-10  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: May 13 08:52:13 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed May 13 06:55:36 2020  
Response via : Initial Calibration

