

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\  
 Data File : VV016015.D  
 Acq On : 12 May 2020 15:30  
 Operator : SY/MD  
 Sample : L2541-18  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4255

Quant Time: May 13 07:53:32 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  | 133322   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 132248   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 56672    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 29833    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 31624    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 48784    | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 107057   | 51.89    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.78% |
| 24) Chloroform-d               | 4.38   | 84    | 75838    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 46899    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 149772   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 49149    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 128726   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 12314    | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 65.40%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 69014    | 41.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.34%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 34418    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.80% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 48340    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.20% |

## Target Compounds

|                             |      |     |       |              | Ovalue |
|-----------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane  | 1.14 | 85  | 2575  | 0.252 ug/L   | 91     |
| 13) Acetone                 | 2.22 | 43  | 5548  | 4.076 ug/L   | 82     |
| 17) Methyl tert-butyl Ether | 2.79 | 73  | 2402  | 0.126 ug/L # | 89     |
| 25) Chloroform              | 4.40 | 83  | 8845  | 0.514 ug/L   | 98     |
| 34) Trichloroethene         | 5.94 | 95  | 7745  | 0.816 ug/L   | 97     |
| 49) Tetrachloroethene       | 8.00 | 164 | 61546 | 9.288 ug/L   | 99     |

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

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