

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\  
 Data File : VV015574.D  
 Acq On : 20 Apr 2020 11:48  
 Operator : SY/MD  
 Sample : L2333-13  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 21 00:29:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 21 00:05:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 87172    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 81254    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 38542    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 20658    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 21124    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.40% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 34379    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.20%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 78032    | 61.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.88% |
| 24) Chloroform-d               | 4.38   | 84    | 51888    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 30045    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 95627    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.00% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 31254    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 79797    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 8241     | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 67.40%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 55583    | 47.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 23258    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 31258    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

## Target Compounds

|                            |      |     |       |            | Ovalue |
|----------------------------|------|-----|-------|------------|--------|
| 12) 1,1-Dichloroethene     | 2.13 | 96  | 7704  | 1.408 ug/L | # 45   |
| 13) Acetone                | 2.24 | 43  | 3071m | 3.423 ug/L |        |
| 22) cis-1,2-Dichloroethene | 3.94 | 96  | 4005  | 0.626 ug/L | 98     |
| 25) Chloroform             | 4.41 | 83  | 7474  | 0.628 ug/L | 100    |
| 29) 1,1,1-Trichloroethane  | 4.63 | 97  | 1325  | 0.126 ug/L | 92     |
| 34) Trichloroethene        | 5.94 | 95  | 28172 | 4.304 ug/L | 95     |
| 47) Tetrachloroethene      | 8.00 | 164 | 10267 | 2.117 ug/L | 97     |

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

