

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\  
 Data File : VV015498.D  
 Acq On : 15 Apr 2020 06:05  
 Operator : SY/MD  
 Sample : L2275-18  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAOB6

Quant Time: Apr 15 07:30:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 15 05:31:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 104030   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 99491    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 49002    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 30058    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 111.40% |
| 7) Chloroethane-d5             | 1.58   | 69    | 26890    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.20% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 42910    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.40%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 73796    | 48.69    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.38%  |
| 24) Chloroform-d               | 4.38   | 84    | 53281    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 31706    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.08   | 84    | 114482   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 34993    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.80% |
| 41) Toluene-d8                 | 7.34   | 98    | 104800   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 12959    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.60%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 58041    | 40.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 24367    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 38347    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60%  |

## Target Compounds

|                       |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 3) Chloromethane      | 1.25 | 50  | 732    | 0.075 ug/L   | 95     |
| 13) Acetone           | 2.20 | 43  | 4902   | 4.578 ug/L # | 54     |
| 25) Chloroform        | 4.40 | 83  | 9570   | 0.674 ug/L   | 93     |
| 47) Tetrachloroethene | 8.00 | 164 | 273266 | 46.019 ug/L  | 99     |

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

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