

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\  
 Data File : VV017773.D  
 Acq On : 31 Jul 2020 14:22  
 Operator : SY/MD  
 Sample : L3520-10  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 01 06:02:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 01 04:42:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 148815   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 139263   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 71691    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 29527    | 4.16     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 27013    | 4.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.40% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 49201    | 3.09     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.80% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 66109m   | 38.89    | ug/L | 0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 77.78% |
| 24) Chloroform-d               | 4.37   | 84    | 74235    | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 42948    | 4.84     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80% |
| 32) Benzene-d6                 | 5.07   | 84    | 126646   | 4.13     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.60% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 34494    | 4.04     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.80% |
| 41) Toluene-d8                 | 7.34   | 98    | 112956   | 3.84     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.80% |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 15396    | 3.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.60% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 46933    | 39.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 78.32% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 24702    | 4.16     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.20% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 50711    | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.60% |

| Target Compounds |      |    |        | Ovalue      |
|------------------|------|----|--------|-------------|
| 13) Acetone      | 2.24 | 43 | 18106m | 13.606 ug/L |

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

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