

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\  
 Data File : VV014441.D  
 Acq On : 30 Jan 2020 17:39  
 Operator : SY/MD  
 Sample : L1322-12  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK02

Quant Time: Jan 31 08:22:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR012920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 31 07:45:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 210906   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 193093   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 89696    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 53393    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 37907    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 59650    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 104087   | 42.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.66%  |
| 24) Chloroform-d               | 4.40   | 84    | 113894   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59663    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 268947   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 82250    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 241781   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 33216    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 127155   | 50.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 56315    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 83882    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.54 | 84 | 3324  | 0.202 ug/L | 98     |
| 25) Chloroform         | 4.42 | 83 | 12293 | 0.456 ug/L | 95     |

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

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