

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\  
 Data File : VV015828.D  
 Acq On : 30 Apr 2020 11:48  
 Operator : SY/MD  
 Sample : L2421-09DL 100X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSB0DL

Quant Time: May 01 02:11:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 01 01:42:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 134116   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 128083   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 62022    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 38467    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.80% |
| 7) Chloroethane-d5             | 1.57   | 69    | 35206    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.20% |
| 11) 1,1-Dichloroethene-d2      | 2.11   | 63    | 57932    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 98061    | 43.57    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.14%  |
| 24) Chloroform-d               | 4.37   | 84    | 69736    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 44183    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 32) Benzene-d6                 | 5.07   | 84    | 150117   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 45565    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 133916   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 16069    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.00%  |
| 46) 2-Hexanone-d5              | 8.12   | 63    | 73243    | 39.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 30817    | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 47391    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.00%  |

## Target Compounds

|                            |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 3710   | 0.350 ug/L  | # 68   |
| 19) 1,1-Dichloroethane     | 3.21 | 63 | 5221   | 0.304 ug/L  | 96     |
| 22) cis-1,2-Dichloroethene | 3.93 | 96 | 100119 | 10.360 ug/L | 95     |
| 25) Chloroform             | 4.40 | 83 | 8817   | 0.484 ug/L  | 100    |
| 29) 1,1,1-Trichloroethane  | 4.63 | 97 | 7160   | 0.441 ug/L  | 97     |
| 34) Trichloroethene        | 5.94 | 95 | 136574 | 13.514 ug/L | 98     |

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

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