

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\  
 Data File : VV015846.D  
 Acq On : 30 Apr 2020 20:05  
 Operator : SY/MD  
 Sample : L2416-08  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKL4

Quant Time: May 01 04:56:32 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  | 117374   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 114445   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 51365    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 33341    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 108.80% |
| 7) Chloroethane-d5             | 1.57   | 69    | 29575    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 49645    | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 88564    | 44.97    | ug/L | 0.04    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.94%  |
| 24) Chloroform-d               | 4.38   | 84    | 64593    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 37997    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%  |
| 32) Benzene-d6                 | 5.07   | 84    | 129542   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 40080    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80%  |
| 41) Toluene-d8                 | 7.34   | 98    | 113204   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 13102    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.60%  |
| 46) 2-Hexanone-d5              | 8.12   | 63    | 65947    | 40.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 27844    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 41620    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.40%  |

## Target Compounds

|                            |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 4428  | 0.477 ug/L | # 79   |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 21533 | 2.546 ug/L | 97     |
| 25) Chloroform             | 4.41 | 83 | 3929  | 0.246 ug/L | 98     |

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

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