

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\  
 Data File : VV016319.D  
 Acq On : 29 May 2020 16:46  
 Operator : SY/MD  
 Sample : L2662-03DL 20X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9B07DL

Quant Time: May 30 01:26:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 30 00:00:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 96706    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 88978    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 40028    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27201    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 22064    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 80.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 39003    | 3.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 78529    | 50.97    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.94% |
| 24) Chloroform-d               | 4.38   | 84    | 55728    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 30726    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80%  |
| 32) Benzene-d6                 | 5.07   | 84    | 110993   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 33666    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.34   | 98    | 100770   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 11205    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 62981    | 54.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.06% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 24409    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 33685    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

## Target Compounds

|                            |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 3928  | 0.464 ug/L | # 76   |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 25926 | 3.512 ug/L | 99     |
| 34) Trichloroethene        | 5.94 | 95 | 62229 | 9.329 ug/L | 98     |

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

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