

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\  
 Data File : VV016333.D  
 Acq On : 30 May 2020 00:40  
 Operator : SY/MD  
 Sample : L2826-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CWKB9

Quant Time: May 30 03:47:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 30 03:05:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 85404    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 76023    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 27177    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 28454    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 21283    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 38954    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.60%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 67505    | 49.62    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.24%  |
| 24) Chloroform-d               | 4.38   | 84    | 51468    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 27763    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.08   | 84    | 100012   | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.20% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 29901    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.60% |
| 41) Toluene-d8                 | 7.34   | 98    | 91258    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 11006    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.40% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 51908    | 52.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.24% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 18667    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 21566    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------------|------|------|----------|--------|-------|--------|
| 3) Chloromethane             | 1.25 | 50   | 1371     | 0.167  | ug/L  | 85     |
| 5) Vinyl chloride            | 1.32 | 62   | 14207    | 1.900  | ug/L  | # 1    |
| 14) Carbon disulfide         | 2.31 | 76   | 5662     | 0.363  | ug/L  | 98     |
| 15) Methyl Acetate           | 2.45 | 43   | 56057    | 26.048 | ug/L  | 96     |
| 18) trans-1,2-Dichloroethene | 2.78 | 96   | 28373    | 5.147  | ug/L  | 98     |
| 21) 2-Butanone               | 4.03 | 43   | 8014     | 5.349  | ug/L  | 92     |
| 22) cis-1,2-Dichloroethene   | 3.94 | 96   | 56541    | 8.672  | ug/L  | 96     |
| 25) Chloroform               | 4.41 | 83   | 10561    | 0.953  | ug/L  | 98     |
| 33) Benzene                  | 5.13 | 78   | 1486     | 0.068  | ug/L  | 100    |
| 34) Trichloroethene          | 5.94 | 95   | 11821    | 2.074  | ug/L  | 95     |

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

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