

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\  
 Data File : VV016308.D  
 Acq On : 29 May 2020 04:44  
 Operator : SY/MD  
 Sample : L2662-11  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9B16

Quant Time: May 29 08:28:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 29 04:21:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 119133   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 112812   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 55007    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27254    | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 71.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 20892    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 62.20%# |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 38114    | 2.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 53.00%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 80331    | 42.33    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.66%  |
| 24) Chloroform-d               | 4.38   | 84    | 57124    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 32013    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%  |
| 32) Benzene-d6                 | 5.07   | 84    | 118804   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 35583    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 82.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 111123   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 11259    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.80%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 69214    | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.66%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 25617    | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 80.20%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 41531    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40%  |

## Target Compounds

|                             |      |    |        |        | Ovalue    |
|-----------------------------|------|----|--------|--------|-----------|
| 13) Acetone                 | 2.24 | 43 | 65914  | 56.106 | ug/L 69   |
| 14) Carbon disulfide        | 2.31 | 76 | 2543   | 0.117  | ug/L # 90 |
| 17) Methyl tert-butyl Ether | 2.79 | 73 | 624772 | 36.111 | ug/L 97   |
| 21) 2-Butanone              | 4.05 | 43 | 55788  | 26.695 | ug/L 81   |
| 22) cis-1,2-Dichloroethene  | 3.94 | 96 | 12439  | 1.368  | ug/L 96   |
| 33) Benzene                 | 5.13 | 78 | 2558   | 0.079  | ug/L 100  |

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

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