

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\  
 Data File : VV017060.D  
 Acq On : 23 Jun 2020 17:45  
 Operator : SY/MD  
 Sample : L3067-21  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Jun 24 07:09:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 24 05:01:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 180434   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 173394   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 81688    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 43345    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 34954    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 66931    | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 130584   | 47.31    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.62%  |
| 24) Chloroform-d               | 4.38   | 84    | 97684    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 59094    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.20%  |
| 32) Benzene-d6                 | 5.07   | 84    | 204542   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 60790    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 187392   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 23935    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.40%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 80627    | 37.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 75.46%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 41476    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 75760    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.40% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.52 | 84 | 8956  | 0.966 ug/L | 94     |
| 25) Chloroform         | 4.41 | 83 | 12076 | 0.536 ug/L | 99     |

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

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