

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\  
 Data File : VV017505.D  
 Acq On : 15 Jul 2020 12:32  
 Operator : SY/MD  
 Sample : L3281-19  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAXX9

Quant Time: Jul 16 03:05:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 16 01:29:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 153665   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 148098   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 75740    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 34033    | 3.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28979    | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 63958    | 3.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40% |
| 20) 2-Butanone-d5              | 3.92   | 46    | 81757    | 44.57    | ug/L | -0.03  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.14% |
| 24) Chloroform-d               | 4.38   | 84    | 75603    | 3.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 45282    | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00% |
| 32) Benzene-d6                 | 5.08   | 84    | 139210   | 4.06     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.20% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 38196    | 4.03     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.60% |
| 41) Toluene-d8                 | 7.34   | 98    | 124959   | 3.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.80% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 17898    | 3.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.60% |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 55609    | 40.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.88% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 28642    | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.20% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 55954    | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.40% |

## Target Compounds

|                        |      |    |      |       | Ovalue  |
|------------------------|------|----|------|-------|---------|
| 13) Acetone            | 2.21 | 43 | 4804 | 3.608 | ug/L 91 |
| 14) Carbon disulfide   | 2.31 | 76 | 6845 | 0.239 | ug/L 97 |
| 16) Methylene chloride | 2.52 | 84 | 2856 | 0.257 | ug/L 87 |
| 25) Chloroform         | 4.41 | 83 | 4360 | 0.211 | ug/L 96 |
| 42) Toluene            | 7.41 | 91 | 8019 | 0.184 | ug/L 98 |
| 54) Ethylbenzene       | 9.04 | 91 | 3843 | 0.077 | ug/L 99 |

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

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