

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\  
 Data File : VV017488.D  
 Acq On : 14 Jul 2020 16:51  
 Operator : SY/MD  
 Sample : L3281-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAXW5

Quant Time: Jul 15 04:43:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 15 02:49:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 154004   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 151134   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 76388    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 36953    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 30554    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 57427    | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.60%# |
| 20) 2-Butanone-d5              | 3.93   | 46    | 85620    | 46.58    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.16%  |
| 24) Chloroform-d               | 4.38   | 84    | 81171    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 48181    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 5.08   | 84    | 142404   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 40577    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 133009   | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.20%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 18896    | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.40%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 59914    | 42.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.40%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 29327    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.40%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 56715    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.80%  |

## Target Compounds

|                  |      |     |      |       | Ovalue   |
|------------------|------|-----|------|-------|----------|
| 13) Acetone      | 2.21 | 43  | 7652 | 5.734 | ug/L 73  |
| 42) Toluene      | 7.41 | 91  | 7472 | 0.168 | ug/L 100 |
| 54) Ethylbenzene | 9.04 | 91  | 4489 | 0.088 | ug/L 97  |
| 55) m,p-xylene   | 9.16 | 106 | 1623 | 0.084 | ug/L 87  |

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

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