

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\  
 Data File : VV011939.D  
 Acq On : 18 Jul 2019 17:29  
 Operator : SY/MD  
 Sample : K3823-07DL 50X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A52K6DL

Quant Time: Jul 19 06:52:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 19 05:34:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 144209   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 134747   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 63042    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 34618    | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 65.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 29827    | 3.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 68.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 54046    | 3.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.40%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 136155   | 50.90    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.80% |
| 24) Chloroform-d               | 4.40   | 84    | 101866   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 55816    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 198687   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 61801    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 7.36   | 98    | 166602   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 20475    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 87219    | 48.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 36275    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 66661    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.80% |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 89411 | 8.037 ug/L | 96     |

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

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