

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV090619\  
 Data File : VV012619.D  
 Acq On : 07 Sep 2019 00:51  
 Operator : SY/MD  
 Sample : K4685-08DL 50X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFD77DL

Quant Time: Sep 07 04:05:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090519WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 07 01:06:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 131168   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 138889   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 46320    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 61628    | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 60603    | 5.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 101567   | 3.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.60%   |
| 20) 2-Butanone-d5              | 3.97   | 46    | 156209   | 65.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 130.58%# |
| 24) Chloroform-d               | 4.40   | 84    | 102819   | 5.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 58227    | 5.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 119.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 180261   | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 62230    | 5.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 134655   | 4.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 18675    | 4.71     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.20%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 82902    | 54.77    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 44351    | 5.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 45157    | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.80%  |

| Target Compounds      |      |     |       |            | Qvalue |
|-----------------------|------|-----|-------|------------|--------|
| 47) Tetrachloroethene | 8.02 | 164 | 79098 | 7.746 ug/L | 94     |

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

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