

Data File : VV012897.D  
Acq On : 18 Sep 2019 15:34  
Operator : SY/MD  
Sample : K4833-09  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETOJ7

Quant Time: Sep 28 04:09:24 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Sep 28 01:52:47 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 366233   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 360116   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 134763   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 168749   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 151548   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 214935   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.40%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 344780   | 45.42    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.84%  |
| 24) Chloroform-d               | 4.40   | 84    | 299778   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 153414   | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 611286   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 190800   | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 495999   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 60604    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 244307   | 44.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 133390   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 167576   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.20% |

| Target Compounds            |      |    |       |            | Qvalue |
|-----------------------------|------|----|-------|------------|--------|
| 3) Chloromethane            | 1.25 | 50 | 4920  | 0.193 ug/L | 93     |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 15930 | 0.287 ug/L | 94     |

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

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