

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\  
 Data File : VV014162.D  
 Acq On : 23 Dec 2019 17:07  
 Operator : SY/MD  
 Sample : K6404-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFDZ2

Quant Time: Dec 24 02:35:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR122319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 24 01:34:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 386559   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 363073   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 163794   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 132823   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 112616   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 178707   | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 241229   | 46.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.20%  |
| 24) Chloroform-d               | 4.39   | 84    | 254025   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 129208   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 524167   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 148759   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.35   | 98    | 417619   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 52304    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.40%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 188430   | 46.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 98305    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 159086   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.40% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.22 | 43 | 6109  | 1.433 ug/L | 74     |
| 16) Methylene chloride | 2.53 | 84 | 4358  | 0.145 ug/L | 98     |
| 42) Toluene            | 7.43 | 91 | 19843 | 0.185 ug/L | 98     |

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

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