

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\  
 Data File : VV013288.D  
 Acq On : 22 Oct 2019 19:31  
 Operator : SY/MD  
 Sample : K5404-07  
 Misc : 25.00ML/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB7

Quant Time: Oct 23 03:45:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR102119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 23 01:23:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 445840   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 496283   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 255884   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 175022   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.40% |
| 7) Chloroethane-d5             | 1.58   | 69    | 153978   | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 113.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 220106   | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.20%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 386619   | 61.25    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.50% |
| 24) Chloroform-d               | 4.40   | 84    | 363514   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 176245   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 723316   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 223258   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 590945   | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 71155    | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 226720   | 34.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 69.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 159048   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 251108   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

| Target Compounds       |      |    |       |               | Ovalue |
|------------------------|------|----|-------|---------------|--------|
| 13) Acetone            | 2.19 | 43 | 60062 | 18.403 ug/L # | 46     |
| 16) Methylene chloride | 2.54 | 84 | 5970  | 0.113 ug/L    | 87     |

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

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