

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\  
 Data File : VV010557.D  
 Acq On : 29 Apr 2019 19:47  
 Operator : SY/MD  
 Sample : K2590-20  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0XE8

Quant Time: Apr 30 07:11:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 30 06:45:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 218485   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 206656   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 93178    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 46375    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 25630    | 4.51     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 68930    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 123683   | 45.12    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.24%  |
| 24) Chloroform-d               | 4.40   | 84    | 140650   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 66746    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 275116   | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 74055    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.80% |
| 41) Toluene-d8                 | 7.36   | 98    | 244027   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.20% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 26534    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 105698   | 45.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 55647    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 101180   | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.60% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.21 | 43 | 6912 | 5.062 ug/L | 97     |

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

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