

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\  
 Data File : VV010522.D  
 Acq On : 27 Apr 2019 02:14  
 Operator : SY/MD  
 Sample : K2592-03  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0XG8

Quant Time: Apr 27 04:20:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 27 03:37:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 234882   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 235405   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 107584   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 57907    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.40% |
| 7) Chloroethane-d5             | 1.57   | 69    | 39178    | 6.41     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 128.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 82425    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.80%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 147028   | 49.90    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.80%  |
| 24) Chloroform-d               | 4.40   | 84    | 150773   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 72817    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 298682   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 84076    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 270022   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 29938    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 128582   | 48.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 61167    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 120510   | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.20% |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc   | Units | Ovalue |
|----------------------------|------|------|----------|--------|-------|--------|
| 9) Trichlorofluoromethane  | 1.76 | 101  | 90578    | 3.534  | ug/L  | 97     |
| 13) Acetone                | 2.19 | 43   | 27104    | 18.465 | ug/L  | 98     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96   | 114435   | 6.543  | ug/L  | 98     |
| 34) Trichloroethene        | 5.96 | 95   | 36494    | 2.059  | ug/L  | 98     |
| 47) Tetrachloroethene      | 8.02 | 164  | 14501    | 0.876  | ug/L  | 97     |

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

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