

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\  
 Data File : VV011987.D  
 Acq On : 24 Jul 2019 01:33  
 Operator : SY/MD  
 Sample : K3958-04  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F2A09

Quant Time: Jul 24 08:25:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 24 07:47:25 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 144606   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 136410   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 67127    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 35337    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.00%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 28656    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 57080    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 109055   | 49.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.28%  |
| 24) Chloroform-d               | 4.40   | 84    | 93861    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 53350    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 190234   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 52820    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 167256   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 19774    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 86662    | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 37327    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 68213    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.60% |

| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 13) Acetone         | 2.19 | 43 | 11376 | 9.606 ug/L | 95     |
| 34) Trichloroethene | 5.96 | 95 | 92518 | 8.303 ug/L | 96     |

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

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