

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062519\  
 Data File : VV011748.D  
 Acq On : 25 Jun 2019 14:23  
 Operator : SY/MD  
 Sample : K3462-02DL 1000X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCM0DL

Quant Time: Jun 26 02:06:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 26 01:40:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 154871   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 143126   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 57800    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 53012    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 36832    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 79944    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 154439   | 57.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.08% |
| 24) Chloroform-d               | 4.40   | 84    | 105142   | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.20% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 64641    | 5.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.80% |
| 32) Benzene-d6                 | 5.09   | 84    | 227167   | 5.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 70142    | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 114.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 190591   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.40% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 21290    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 99.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 116073   | 57.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 47105    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 63792    | 5.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 117.00% |

| Target Compounds           |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 16408  | 1.146 ug/L  | 99     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 87208  | 7.043 ug/L  | 99     |
| 34) Trichloroethene        | 5.96 | 95 | 153303 | 12.183 ug/L | 96     |

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

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