

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042519\  
 Data File : VU031502.D  
 Acq On : 25 Apr 2019 14:43  
 Operator : JC/SP  
 Sample : K2536-12DL 100X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XG2DL

Quant Time: Apr 26 02:21:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR042419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Apr 26 01:33:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 268917   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 270103   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 95455    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 103201   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 85575    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.20% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 150013   | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 20) 2-Butanone-d5              | 4.21   | 46    | 327865   | 56.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.60% |
| 24) Chloroform-d               | 4.64   | 84    | 184503   | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.20% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 103534   | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.00% |
| 32) Benzene-d6                 | 5.33   | 84    | 331375   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 124871   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.80% |
| 41) Toluene-d8                 | 7.56   | 98    | 258081   | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 41387    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 193139   | 41.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 98595    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 87446    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

| Target Compounds          |      |     |        |              | Ovalue |
|---------------------------|------|-----|--------|--------------|--------|
| 9) Trichlorofluoromethane | 1.88 | 101 | 7994   | 0.247 ug/L   | 96     |
| 34) Trichloroethene       | 6.18 | 95  | 417444 | 18.977 ug/L  | 98     |
| 47) Tetrachloroethene     | 8.22 | 164 | 4990   | 0.325 ug/L # | 74     |

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

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