

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\  
 Data File : VV015675.D  
 Acq On : 24 Apr 2020 15:43  
 Operator : SY/MD  
 Sample : L2370-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKM9

Quant Time: Apr 25 02:42:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 25 00:15:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 121301   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 116559   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 57684    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 35698    | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 112.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28486    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 45435    | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40%  |
| 20) 2-Butanone-d5              | 3.91   | 46    | 105206   | 51.69    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.38% |
| 24) Chloroform-d               | 4.38   | 84    | 70793    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 41089    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                 | 5.08   | 84    | 131563   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 42986    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.34   | 98    | 121297   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 14461    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 80120    | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 31209    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 47163    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.20%  |

## Target Compounds

|                              |      |     |         |         | Ovalue    |
|------------------------------|------|-----|---------|---------|-----------|
| 3) Chloromethane             | 1.25 | 50  | 719     | 0.080   | ug/L 83   |
| 5) Vinyl chloride            | 1.32 | 62  | 1114655 | 116.111 | ug/L 100  |
| 17) Methyl tert-butyl Ether  | 2.79 | 73  | 3506    | 0.177   | ug/L # 89 |
| 18) trans-1,2-Dichloroethene | 2.78 | 96  | 2888    | 0.365   | ug/L 95   |
| 22) cis-1,2-Dichloroethene   | 3.94 | 96  | 574233  | 65.700  | ug/L 98   |
| 34) Trichloroethene          | 5.94 | 95  | 18761   | 2.040   | ug/L 95   |
| 47) Tetrachloroethene        | 8.00 | 164 | 14712   | 2.222   | ug/L 94   |

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

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