

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012720\  
 Data File : VV014405.D  
 Acq On : 27 Jan 2020 15:02  
 Operator : SY/MD  
 Sample : L1253-01DL 10X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AB0DL

Manual Integrations  
 APPROVED

MMDadoda  
 1/28/2020 11:13:56 AM

Quant Time: Jan 28 09:58:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR010220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jan 28 03:12:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 883295   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 803202   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 380444   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 221262   | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 71.60%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 200791   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 233228   | 2.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 51.20%# |
| 20) 2-Butanone-d5              | 3.93   | 46    | 859088   | 57.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 115.72% |
| 24) Chloroform-d               | 4.40   | 84    | 560635   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 277363   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 1031296  | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 356758   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 818476   | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 130745   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 788938   | 56.68    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.36% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 291297   | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 112.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 327961   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.80%  |

## Target Compounds

|                            |      |    |        |        | Ovalue    |
|----------------------------|------|----|--------|--------|-----------|
| 13) Acetone                | 2.19 | 43 | 40742  | 3.985  | ug/L 95   |
| 14) Carbon disulfide       | 2.32 | 76 | 24455m | 0.140  | ug/L      |
| 16) Methylene chloride     | 2.54 | 84 | 36157  | 0.563  | ug/L 90   |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 808517 | 12.434 | ug/L # 98 |
| 34) Trichloroethene        | 5.96 | 95 | 441951 | 6.953  | ug/L 98   |

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

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