

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\  
 Data File : VV015976.D  
 Acq On : 08 May 2020 19:26  
 Operator : SY/MD  
 Sample : L2520-19  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H41Z3

Quant Time: May 09 04:58:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 09 00:44:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 138386   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 138419   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 65120    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 31576    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 32800    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 52886    | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.60%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 106231   | 49.60    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.20%  |
| 24) Chloroform-d               | 4.38   | 84    | 75699    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 46900    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 32) Benzene-d6                 | 5.08   | 84    | 155262   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 49968    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 135648   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 15887    | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.60%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 75818    | 43.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.48%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 34439    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 52827    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.00% |

## Target Compounds

|                          |      |     |       |        | Ovalue  |
|--------------------------|------|-----|-------|--------|---------|
| 13) Acetone              | 2.20 | 43  | 2429  | 1.719  | ug/L 69 |
| 25) Chloroform           | 4.40 | 83  | 10498 | 0.588  | ug/L 94 |
| 31) Carbon tetrachloride | 4.86 | 117 | 1662  | 0.126  | ug/L 99 |
| 34) Trichloroethene      | 5.94 | 95  | 3027  | 0.305  | ug/L 88 |
| 49) Tetrachloroethene    | 8.00 | 164 | 81044 | 11.685 | ug/L 98 |

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

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