

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\  
 Data File : VV019626.D  
 Acq On : 15 Dec 2020 00:41  
 Operator : SY/MD  
 Sample : L4998-05  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS1

Manual Integrations  
 APPROVED

MMDadoda  
 12/16/2020 12:36:10 PM

Quant Time: Dec 15 11:18:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 15 10:26:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 585430   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 541430   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 250221   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 195282   | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.04%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 170525   | 51.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 288166m  | 36.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.96%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 277348   | 121.55   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 121.55% |
| 24) Chloroform-d               | 4.35    | 84    | 384672   | 50.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.68% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 271605   | 54.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.86% |
| 32) Benzene-d6                 | 5.05    | 84    | 770732   | 53.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.74% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 249601   | 55.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 110.36% |
| 41) Toluene-d8                 | 7.32    | 98    | 670542   | 51.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.14% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 118656   | 46.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.24%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 190173   | 107.12   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 323147   | 52.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.64% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 246840   | 52.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.54% |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.19 | 43 | 22288 | 11.466 ug/L | 92     |

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

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