

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\  
 Data File : VV014702.D  
 Acq On : 24 Feb 2020 16:16  
 Operator : SY/MD  
 Sample : L1608-14  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AR8

Quant Time: Feb 25 08:15:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM022120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 25 06:37:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 213038   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 198598   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 95914    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 25907    | 31.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 62.28%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 23661    | 39.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.48%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 45796    | 29.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.06%# |
| 21) 2-Butanone-d5              | 3.95    | 46    | 69211    | 89.49    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.49%  |
| 24) Chloroform-d               | 4.40    | 84    | 118900   | 43.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 81515    | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.62%  |
| 32) Benzene-d6                 | 5.10    | 84    | 221574   | 42.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 66734    | 43.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.08%  |
| 41) Toluene-d8                 | 7.36    | 98    | 209077   | 41.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 36818    | 42.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.76%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 55288    | 90.00    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.00%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 100079   | 47.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 87277    | 46.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.02%  |

| Target Compounds          |      |    |       |             | Ovalue |
|---------------------------|------|----|-------|-------------|--------|
| 30) 1,1,1-Trichloroethane | 4.66 | 97 | 2514  | 1.089 ug/L  | 93     |
| 34) Trichloroethene       | 5.96 | 95 | 21829 | 14.641 ug/L | 97     |

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

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