

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015187.D  
 Acq On : 27 Mar 2020 00:14  
 Operator : SY/MD  
 Sample : L1976-03MSD  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 27 06:16:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 03:08:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 449282   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 399880   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 152119   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 123188   | 51.10    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 102.20%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 131741   | 54.21    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 108.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 231960   | 42.20    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.40%   |
| 21) 2-Butanone-d5              | 3.93    | 46    | 259944   | 108.31   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.31%  |
| 24) Chloroform-d               | 4.38    | 84    | 275702   | 52.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 201135   | 57.67    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 115.34%  |
| 32) Benzene-d6                 | 5.08    | 84    | 490673   | 59.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 119.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 181113   | 61.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 122.08%# |
| 41) Toluene-d8                 | 7.34    | 98    | 384757   | 51.62    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.24%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 65751    | 40.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.38%   |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 202007   | 116.44   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 116.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 292613   | 58.07    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 116.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 152598   | 53.73    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.46%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|------------------------------|------|------|----------|---------|--------|--------|
| 5) Vinyl chloride            | 1.32 | 62   | 283745   | 64.342  | ug/L   | 98     |
| 12) 1,1-Dichloroethene       | 2.13 | 96   | 133216   | 36.764  | ug/L   | 95     |
| 17) trans-1,2-Dichloroethene | 2.78 | 96   | 3642     | 1.157   | ug/L   | 88     |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96   | 835807   | 238.263 | ug/L # | 98     |
| 25) Chloroform               | 4.41 | 83   | 9684m    | 1.616   | ug/L   |        |
| 33) Benzene                  | 5.13 | 78   | 617645   | 51.881  | ug/L   | 100    |
| 34) Trichloroethene          | 5.94 | 95   | 180972   | 58.355  | ug/L   | 98     |
| 42) Toluene                  | 7.41 | 91   | 582859   | 43.885  | ug/L   | 100    |
| 51) Chlorobenzene            | 8.90 | 112  | 394866   | 46.545  | ug/L   | 97     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
Data File : VV015187.D  
Acq On : 27 Mar 2020 00:14  
Operator : SY/MD  
Sample : L1976-03MSD  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 27 06:16:54 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 27 03:08:32 2020  
Response via : Initial Calibration

