

Data File : VV016549.D  
Acq On : 05 Jun 2020 20:27  
Operator : SY/MD  
Sample : L2872-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFEN4

Quant Time: Jun 06 06:18:29 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 06 00:07:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 443526   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 418591   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 200368   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 120218   | 38.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.54%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 89942    | 39.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.32%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 166476   | 29.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.78%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 192402   | 95.79    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.79%  |
| 24) Chloroform-d               | 4.37    | 84    | 241815   | 41.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 169258   | 42.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.74%  |
| 32) Benzene-d6                 | 5.07    | 84    | 487655   | 43.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 150530   | 43.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.16%  |
| 41) Toluene-d8                 | 7.34    | 98    | 442835   | 43.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.98%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66411    | 39.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.00%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 149108   | 99.65    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.65%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 203779   | 43.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 177808   | 47.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.44%  |

| Target Compounds      |      |     |       |             | Qvalue |
|-----------------------|------|-----|-------|-------------|--------|
| 33) Benzene           | 5.13 | 78  | 60210 | 4.891 ug/L  | 100    |
| 42) Toluene           | 7.41 | 91  | 15208 | 1.166 ug/L  | 96     |
| 46) Tetrachloroethene | 8.00 | 164 | 42252 | 16.964 ug/L | 97     |
| 52) Ethylbenzene      | 9.04 | 91  | 11881 | 0.837 ug/L  | 99     |

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

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