

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017591.D
 Acq On : 22 Jul 2020 15:48
 Operator : SY/MD
 Sample : L3386-02DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 C0F83DL

Quant Time: Jul 23 06:24:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 302484 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 289850 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 145987 | 50.00 | ug/L | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 84257 | 45.64 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 135 | Recovery | = | 91.28% |
| 7) Chloroethane-d5 | 1.58 | 69 | 60851 | 47.96 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 130 | Recovery | = | 95.92% |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 133077 | 35.82 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 125 | Recovery | = | 71.64% |
| 21) 2-Butanone-d5 | 3.91 | 46 | 139476 | 98.78 | ug/L | 0.00 |
| Spiked Amount | 100.000 | Range | 40 - 130 | Recovery | = | 98.78% |
| 24) Chloroform-d | 4.38 | 84 | 207472 | 48.93 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 97.86% |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 149925 | 51.61 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 103.22% |
| 32) Benzene-d6 | 5.07 | 84 | 384380 | 49.66 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 99.32% |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 115548 | 49.73 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 120 | Recovery | = | 99.46% |
| 41) Toluene-d8 | 7.34 | 98 | 362155 | 49.57 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 80 - 120 | Recovery | = | 99.14% |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 65408 | 48.63 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 125 | Recovery | = | 97.26% |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 104421 | 98.03 | ug/L | 0.00 |
| Spiked Amount | 100.000 | Range | 45 - 130 | Recovery | = | 98.03% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 162492 | 49.16 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 65 - 120 | Recovery | = | 98.32% |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 162404 | 53.65 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 80 - 120 | Recovery | = | 107.30% |

Target Compounds

| Target Compounds | R.T. | QIon | Response | Conc | Units | Ovalue |
|----------------------------|-------|------|----------|---------|-------|--------|
| 33) Benzene | 5.13 | 78 | 168489 | 19.774 | ug/L | 100 |
| 51) Chlorobenzene | 8.90 | 112 | 775167 | 124.754 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.21 | 146 | 36489 | 7.444 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.30 | 146 | 279763 | 55.917 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.67 | 146 | 377685 | 76.001 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 49169 | 14.326 | ug/L | 98 |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180 | 11781 | 3.432 | ug/L | 92 |

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

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