Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
Data File : VU053210.D
Acq On : 15 Mar 2023 19:00
Operator : JC/MD
Sample : 01929-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EYFF0

**Manual Integrations APPROVED**

Reviewed By :Krupa Patel 03/16/2023
Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 16 04:04:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 16 03:54:54 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 165559 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 163350 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 83948 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 94564 | 61.913 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 123.820% | | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 55547 | 44.961 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 89.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.571 | 63 | 117397 | 44.369 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.740% | | | |
| 21) 2-Butanone-d5 | 4.661 | 46 | 79196 | 111.795 | ug/L | 0.04 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 111.800% | | | |
| 24) Chloroform-d | 5.060 | 84 | 110715 | 44.010 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.020% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 71751 | 45.925 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.860% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 241049 | 45.495 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.697 | 67 | 79401 | 46.433 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.860% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 219552 | 44.508 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.020% | | | |
| 43) trans-1,3-Dichloroprop... | 8.172 | 79 | 39282 | 46.560 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 93.120% | | | |
| 47) 2-Hexanone-d5 | 8.629 | 63 | 54189 | 101.362 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 101.360% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 102433 | 46.241 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 92.480% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 74655 | 45.928 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.860% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.604 | 62 | 3450505 | 1980.878 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.581 | 96 | 50820 | 41.798 | ug/L | 83 |
| 17) trans-1,2-Dichloroethene | 3.356 | 96 | 165105 | 133.834 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.655 | 96 | 26961107m | 18606.901 | ug/L | |
| 34) Trichloroethene | 6.546 | 95 | 33517083m | 22698.200 | ug/L | |
| 42) Toluene | 7.967 | 91 | 16029 | 2.633 | ug/L | 97 |
| 46) Tetrachloroethene | 8.552 | 164 | 2085 | 2.170 | ug/L | 89 |
| 70) 1,2,4-trichlorobenzene | 13.844 | 180 | 2455 | 1.549 | ug/L | 91 |

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

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