Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
Data File : VX025739.D
Acq On : 11 Dec 2021 13:38
Operator : JC/MD
Sample : M4997-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EW5Q2

Quant Time: Dec 12 06:34:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 57018 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 52189 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 20793 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 16949 | 43.557 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 87.120% | | | |
| 7) Chloroethane-d5 | 1.660 | 69 | 15730 | 48.979 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 97.960% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.306 | 63 | 25871 | 41.698 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 83.400% | | | |
| 21) 2-Butanone-d5 | 4.458 | 46 | 41269 | 142.473 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 142.470%# | | | |
| 24) Chloroform-d | 5.062 | 84 | 37051 | 54.481 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.960% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.958 | 65 | 26245 | 61.914 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 123.820% | | | |
| 32) Benzene-d6 | 5.976 | 84 | 73456 | 53.107 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.220% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 23325 | 54.466 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 108.940% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 65358 | 50.061 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.120% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 11064 | 51.387 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 102.780% | | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 27039 | 121.295 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 121.290% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 37368 | 61.742 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 123.480%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 22160 | 54.337 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 108.680% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.374 | 62 | 12702 | 31.505 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 1250 | 4.083 | ug/L # | 1 |
| 17) trans-1,2-Dichloroethene | 3.099 | 96 | 3158 | 9.580 | ug/L | 92 |
| 19) 1,1-Dichloroethane | 3.617 | 63 | 113907 | 192.956 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.495 | 96 | 112499 | 289.613 | ug/L | 98 |
| 30) 1,1,1-Trichloroethane | 5.391 | 97 | 43591 | 75.663 | ug/L | 98 |
| 33) Benzene | 6.037 | 78 | 1399 | 1.003 | ug/L | 100 |
| 34) Trichloroethene | 7.129 | 95 | 5422 | 14.786 | ug/L | 89 |
| 46) Tetrachloroethene | 9.281 | 164 | 2444 | 7.859 | ug/L | 93 |

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

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