Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
Data File : VX025963.D
Acq On : 21 Dec 2021 17:42
Operator : JC/MD
Sample : M5126-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 22 05:40:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0J09

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/22/2021
Supervised By :Mahesh Dadoda 12/22/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.763 | 114 | 140166 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 172777 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 54796 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 50668 | 44.838 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 89.680% | | | |
| 7) Chloroethane-d5 | 1.666 | 69 | 46950 | 49.754 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 99.500% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.306 | 63 | 74278 | 37.845 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 75.680% | | | |
| 21) 2-Butanone-d5 | 4.459 | 46 | 86936 | 106.642 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 106.640% | | | |
| 24) Chloroform-d | 5.062 | 84 | 105024 | 48.484 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.960% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.958 | 65 | 74756 | 52.913 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 105.820% | | | |
| 32) Benzene-d6 | 5.977 | 84 | 209312 | 39.986 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 79.980% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 64834 | 40.665 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 81.340% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 248831 | 50.064 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.120% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 31141 | 44.238 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.480% | | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 74293 | 103.661 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 103.660% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 130752 | 57.890 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 115.780% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 61218 | 53.002 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.000% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.886 | 101 | 3387 | 1.807 | ug/L | 100 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 4401 | 5.014 | ug/L # | 1 |
| 19) 1,1-Dichloroethane | 3.623 | 63 | 1571 | 0.842 | ug/L # | 88 |
| 20) cis-1,2-Dichloroethene | 4.489 | 96 | 5537 | 4.718 | ug/L | 89 |
| 30) 1,1,1-Trichloroethane | 5.397 | 97 | 3467m | 1.635 | ug/L | |
| 34) Trichloroethene | 7.129 | 95 | 29707 | 21.008 | ug/L | 87 |

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

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