Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048191.D
Acq On : 21 Apr 2022 22:54
Operator : SY/MD
Sample : N2485-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J15

Quant Time: Apr 22 06:36:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 309424 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 333265 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.813 | 152 | 172193 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 91876 | 40.946 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 81.900% | | | |
| 7) Chloroethane-d5 | 1.913 | 69 | 79740 | 45.070 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.140% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.569 | 63 | 126433 | 30.798 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 61.600% | | | |
| 21) 2-Butanone-d5 | 4.623 | 46 | 173948 | 90.319 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 90.320% | | | |
| 24) Chloroform-d | 5.067 | 84 | 189321 | 46.113 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.220% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 118132 | 46.914 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.820% | | | |
| 32) Benzene-d6 | 5.729 | 84 | 375097 | 44.730 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.460% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.691 | 67 | 126148 | 48.982 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.960% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 317892 | 38.908 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 77.820%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 49557 | 37.982 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 75.960% | | | |
| 47) 2-Hexanone-d5 | 8.633 | 63 | 118381 | 78.521 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 78.520% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 197499 | 44.685 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.380% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 147717 | 48.219 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.440% | | | |
| Target Compounds | | | | | | Qvalue |
| 51) Chlorobenzene | 9.449 | 112 | 281984 | 39.237 | ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 186408 | 36.038 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.838 | 146 | 320330 | 59.789 | ug/L | 98 |
| 67) 1,2-Dichlorobenzene | 12.211 | 146 | 62326 | 12.042 | ug/L | 99 |
| 69) 1,3,5-Trichlorobenzene | 13.221 | 180 | 6506 | 1.549 | ug/L | 97 |
| 70) 1,2,4-trichlorobenzene | 13.841 | 180 | 133097 | 36.172 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.330 | 180 | 19478 | 5.280 | ug/L | 99 |

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

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