Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
Data File : VV034612.D
Acq On : 14 Mar 2024 18:38
Operator : SY/MD
Sample : P1752-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL14

Quant Time: Mar 15 03:39:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 03:33:21 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 289733 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 264195 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 127511 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 110641 | 44.051 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 88.100% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 93794 | 47.933 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 95.860% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 51932 | 45.719 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 91.440% | | | |
| 21) 2-Butanone-d5 | 3.793 | 46 | 173711 | 103.420 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 103.420% | | | |
| 24) Chloroform-d | 4.249 | 84 | 215609 | 48.550 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.100% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 142722 | 49.180 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.360% | | | |
| 32) Benzene-d6 | 4.957 | 84 | 414124 | 51.938 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.880% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 131300 | 53.959 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 107.920% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 350012 | 48.507 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.020% | | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 54672 | 44.742 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.480% | | | |
| 47) 2-Hexanone-d5 | 8.024 | 63 | 116632 | 95.985 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 95.980% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 164199 | 51.276 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 102.560% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.561 | 152 | 131569 | 50.480 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.960% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.282 | 62 | 19170 | 6.613 | ug/L | 91 |
| 12) 1,1-Dichloroethene | 2.069 | 96 | 10865 | 5.008 | ug/L # | 1 |
| 13) Acetone | 2.127 | 43 | 510558 | 252.849 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 2.696 | 96 | 11303 | 5.383 | ug/L | 94 |
| 19) 1,1-Dichloroethane | 3.114 | 63 | 7784 | 1.892 | ug/L | 94 |
| 20) cis-1,2-Dichloroethene | 3.812 | 96 | 258524 | 113.470 | ug/L | 97 |
| 30) 1,1,1-Trichloroethane | 4.519 | 97 | 4508 | 1.190 | ug/L # | 92 |
| 34) Trichloroethene | 5.831 | 95 | 293145 | 125.756 | ug/L | 96 |
| 37) 1,2-Dichloropropane | 6.098 | 63 | 10319 | 4.806 | ug/L # | 94 |
| 46) Tetrachloroethene | 7.908 | 164 | 15223 | 8.781 | ug/L | 95 |

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

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