Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048152.D
Acq On : 20 Apr 2022 18:50
Operator : SY/MD
Sample : N2485-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 21 02:44:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 21 02:37:57 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 356958 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 375562 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 200380 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 109212 | 42.191 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 84.380% | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 92045 | 45.097 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 90.200% | | |
| 11) 1,1-Dichloroethene-d2 | 2.571 | 63 | 147062 | 31.052 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 62.100% | | |
| 21) 2-Butanone-d5 | 4.620 | 46 | 189756 | 85.407 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 85.410% | | |
| 24) Chloroform-d | 5.063 | 84 | 210413 | 44.425 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 88.860% | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 131028 | 45.106 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 90.220% | | |
| 32) Benzene-d6 | 5.729 | 84 | 421702 | 44.624 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 89.240% | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 140040 | 48.252 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 96.500% | | |
| 41) Toluene-d8 | 7.899 | 98 | 372976 | 40.509 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 81.020% | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 57769 | 39.290 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 78.580% | | |
| 47) 2-Hexanone-d5 | 8.632 | 63 | 131669 | 77.499 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 77.500% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 212478 | 42.660 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 85.320% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 168184 | 47.177 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 94.360% | | |
| Target Compounds | | | | | | Qvalue |
| 51) Chlorobenzene | 9.446 | 112 | 318846 | 39.369 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 223696 | 37.163 | ug/L | 100 |
| 65) 1,4-Dichlorobenzene | 11.835 | 146 | 413388 | 66.304 | ug/L | 100 |
| 67) 1,2-Dichlorobenzene | 12.211 | 146 | 121792 | 20.222 | ug/L | 99 |
| 69) 1,3,5-Trichlorobenzene | 13.221 | 180 | 7627 | 1.560 | ug/L | 98 |
| 70) 1,2,4-trichlorobenzene | 13.841 | 180 | 189615 | 44.283 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 14.330 | 180 | 39814 | 9.275 | ug/L | 100 |

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

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