Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
Data File : VU052144.D
Acq On : 28 Nov 2022 13:43
Operator : JC/MD
Sample : N5785-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0L70

Quant Time: Nov 28 21:45:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 28 21:44:47 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 405918 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 405402 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 162977 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 166320 | 47.283 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 94.560% | | | |
| 7) Chloroethane-d5 | 1.900 | 69 | 137970 | 49.526 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 99.060% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 63 | 200238 | 38.403 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 76.800% | | | |
| 21) 2-Butanone-d5 | 4.617 | 46 | 218264 | 103.257 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 103.260% | | | |
| 24) Chloroform-d | 5.060 | 84 | 276060 | 47.900 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 171284 | 49.414 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.820% | | | |
| 32) Benzene-d6 | 5.723 | 84 | 583932 | 48.324 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.640% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 190976 | 49.195 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.380% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 480808 | 44.534 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.060% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 76202 | 46.111 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.220% | | | |
| 47) 2-Hexanone-d5 | 8.629 | 63 | 153022 | 101.048 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 101.050% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84 | 288464 | 46.969 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 93.940% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 173181 | 51.385 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.623 | 43 | 7681 | 3.978 | ug/L | 99 |
| 33) Benzene | 5.771 | 78 | 12059 | 1.004 | ug/L | 100 |
| 51) Chlorobenzene | 9.446 | 112 | 46185 | 5.656 | ug/L | 97 |
| 64) 1,3-Dichlorobenzene | 11.745 | 146 | 26186 | 5.432 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.835 | 146 | 20937 | 4.262 | ug/L | 98 |
| 67) 1,2-Dichlorobenzene | 12.208 | 146 | 273384 | 54.125 | ug/L | 97 |
| 70) 1,2,4-trichlorobenzene | 13.838 | 180 | 74982 | 29.004 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.327 | 180 | 57654 | 20.585 | ug/L | 99 |

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

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