Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056210.D
Acq On : 11 Nov 2023 12:25
Operator : MD/SY
Sample : 05340-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
GCDK9

Quant Time: Nov 11 20:20:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 20:19:10 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.245 | 114 | 385614 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 389023 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 177083 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 94153 | 3.934 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.600% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 82454 | 5.076 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 43682 | 4.142 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 82.800% | | | |
| 20) 2-Butanone-d5 | 4.628 | 46 | 277169 | 70.586 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 141.180%# | | | |
| 24) Chloroform-d | 5.058 | 84 | 229197 | 5.030 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 106932 | 5.330 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.600% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 447638 | 4.791 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 142461 | 5.180 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.600% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 376166 | 4.393 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 49672 | 4.725 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.400% | | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 235025 | 68.206 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 136.420%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 111697 | 5.690 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 113.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 144621 | 5.296 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 5828 | 0.235 | ug/L # | 1 |
| 13) Acetone | 2.644 | 43 | 29424 | 10.161 | ug/L | 100 |
| 17) Methyl tert-butyl Ether | 3.361 | 73 | 19588 | 0.351 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.869 | 63 | 12393 | 0.259 | ug/L | 94 |
| 22) cis-1,2-Dichloroethene | 4.663 | 96 | 20809 | 0.734 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.795 | 62 | 3772 | 0.131 | ug/L # | 95 |
| 34) Trichloroethene | 6.538 | 95 | 602775 | 19.811 | ug/L | 98 |
| 47) Tetrachloroethene | 8.547 | 164 | 197680 | 8.657 | ug/L | 96 |

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

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