Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
Data File : VU052687.D
Acq On : 13 Jan 2023 18:10
Operator : JC/MD
Sample : 01139-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH1Y4

Quant Time: Jan 13 22:27:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 83040 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 83831 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 39231 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 29541 | 4.049 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.000% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 26315 | 4.428 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 65 | 14378 | 4.475 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 89.600% | | | |
| 20) 2-Butanone-d5 | 4.626 | 46 | 155348 | 79.640 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 159.280%# | | | |
| 24) Chloroform-d | 5.060 | 84 | 66204 | 4.865 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 41025 | 5.870 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 117.400% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 127426 | 4.690 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 46146 | 5.097 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.000% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 106350 | 4.439 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 16798 | 4.989 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.800% | | | |
| 46) 2-Hexanone-d5 | 8.629 | 63 | 111021 | 79.372 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 158.740%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 45856 | 6.615 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 132.200%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 39933 | 5.592 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 111.800% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.604 | 62 | 15706 | 1.515 | ug/L | 95 |
| 8) Chloroethane | 1.938 | 64 | 3648 | 0.579 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.581 | 96 | 275391 | 38.251 | ug/L # | 73 |
| 13) Acetone | 2.642 | 43 | 33099 | 23.660 | ug/L | 99 |
| 14) Carbon disulfide | 2.793 | 76 | 6649 | 0.267 | ug/L # | 93 |
| 15) Methyl Acetate | 2.951 | 43 | 29702 | 8.856 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 3.363 | 73 | 1873 | 0.118 | ug/L # | 85 |
| 18) trans-1,2-Dichloroethene | 3.353 | 96 | 997 | 0.136 | ug/L | 85 |
| 19) 1,1-Dichloroethane | 3.864 | 63 | 152914 | 10.029 | ug/L | 99 |
| 21) 2-Butanone | 4.713 | 43 | 22291 | 9.898 | ug/L | 91 |
| 22) cis-1,2-Dichloroethene | 4.662 | 96 | 75212 | 9.539 | ug/L | 97 |
| 34) Trichloroethene | 6.539 | 95 | 1705458 | 217.289 | ug/L | 98 |

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

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