Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
GBQA3

Quant Time: Dec 23 06:44:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 221674 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 199464 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.806 | 152 | 103956 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 76563 | 3.409 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 68.200% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 73197 | 3.779 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 75.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.568 | 65 | 34381 | 3.558 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.200% | | | |
| 20) 2-Butanone-d5 | 4.636 | 46 | 376883 | 54.117 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 108.240% | | | |
| 24) Chloroform-d | 5.060 | 84 | 148561 | 3.921 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 91711 | 4.173 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.400% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 319564 | 4.673 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 112008 | 4.758 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.200% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 286879 | 4.997 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 40381 | 5.009 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 100.200% | | | |
| 46) 2-Hexanone-d5 | 8.629 | 63 | 286508 | 64.965 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 129.920% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 100958 | 5.051 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 104014 | 4.915 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 14) Carbon disulfide | 2.797 | 76 | 6468 | 0.121 | ug/L # | 91 |
| 16) Methylene chloride | 3.044 | 84 | 10795 | 0.460 | ug/L | 92 |
| 18) trans-1,2-Dichloroethene | 3.353 | 96 | 31978 | 1.869 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 4.665 | 96 | 50498 | 2.689 | ug/L | 96 |
| 30) Cyclohexane | 5.382 | 56 | 217435 | 8.015 | ug/L | 88 |
| 34) Trichloroethene | 6.546 | 95 | 7691 | 0.458 | ug/L | 87 |
| 35) Methylcyclohexane | 6.761 | 83 | 529216 | 20.895 | ug/L | 96 |
| 42) Toluene | 7.967 | 91 | 15202 | 0.221 | ug/L | 92 |
| 47) Tetrachloroethene | 8.552 | 164 | 2811 | 0.240 | ug/L | 93 |
| 52) Ethylbenzene | 9.565 | 91 | 230287 | 3.230 | ug/L | 99 |
| 53) m,p-Xylene | 9.690 | 106 | 52074 | 1.981 | ug/L | 100 |
| 54) o-Xylene | 10.095 | 106 | 8272 | 0.328 | ug/L | 96 |
| 60) Isopropylbenzene | 10.481 | 105 | 60964 | 0.905 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 11.082 | 105 | 34197 | 0.615 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 11.465 | 105 | 30407 | 0.544 | ug/L | 98 |

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

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