Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028622.D
Acq On : 18 Oct 2022 18:48
Operator : SY/MD
Sample : N5173-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXT1

Quant Time: Oct 19 00:41:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 227383 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 159084 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.243 | 152 | 70364 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.298 | 65 | 62296 | 3.183 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 63.600% | | | |
| 7) Chloroethane-d5 | 1.571 | 69 | 59742 | 3.713 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 74.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.121 | 63 | 94674 | 2.671 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 53.400%# | | | |
| 20) 2-Butanone-d5 | 3.973 | 46 | 245711 | 58.406 | ug/L | 0.08 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.820% | | | |
| 24) Chloroform-d | 4.362 | 84 | 140376 | 4.685 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.043 | 65 | 82000 | 5.250 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 105.000% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 272751 | 5.310 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 106.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.076 | 67 | 95135 | 5.739 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 114.800% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 162069 | 3.982 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.632 | 79 | 19172 | 3.424 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 68.400% | | | |
| 46) 2-Hexanone-d5 | 8.111 | 63 | 108691 | 44.969 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.940% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 46366 | 4.697 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 54520 | 4.696 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 94.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.124 | 85 | 3982 | 0.310 | ug/L # | 87 |
| 3) Chloromethane | 1.230 | 50 | 13235 | 0.616 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.767 | 101 | 8803 | 0.344 | ug/L | 94 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.127 | 101 | 3363 | 0.223 | ug/L # | 85 |
| 12) 1,1-Dichloroethene | 2.130 | 96 | 5924 | 0.419 | ug/L # | 1 |
| 17) Methyl tert-butyl Ether | 2.796 | 73 | 10081 | 0.281 | ug/L # | 91 |
| 18) trans-1,2-Dichloroethene | 2.761 | 96 | 2839 | 0.193 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.198 | 63 | 5029 | 0.152 | ug/L # | 86 |
| 22) cis-1,2-Dichloroethene | 3.921 | 96 | 155790 | 9.346 | ug/L # | 98 |
| 25) Chloroform | 4.394 | 83 | 13665 | 0.435 | ug/L | 93 |
| 31) Carbon tetrachloride | 4.825 | 117 | 9437 | 0.546 | ug/L | 97 |
| 34) Trichloroethene | 5.908 | 95 | 1395195 | 103.921 | ug/L | 94 |
| 47) Tetrachloroethene | 7.973 | 164 | 673691 | 77.094 | ug/L | 99 |

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

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