Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022581.D
Acq On : 05 Oct 2021 18:39
Operator : SY/MD
Sample : M4052-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AX5

Quant Time: Oct 06 05:30:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 106447 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 102197 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.252 | 152 | 46919 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 37683 | 11.049 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 221.000%# | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 34818 | 7.574 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 151.400%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 58770 | 5.939 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 118.800% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 79929 | 39.647 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 79.300% | | | |
| 24) Chloroform-d | 4.352 | 84 | 66492 | 5.063 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 34500 | 5.577 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 111.600% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 142490 | 6.187 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 123.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 42450 | 5.224 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.400% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 122610 | 6.351 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 127.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 12236 | 5.691 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 113.800% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 57952 | 43.528 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 87.060% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 27777 | 4.499 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 47203 | 6.504 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 130.000%# | | | |
| Target Compounds | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.751 | 101 | 1906 | 0.155 | ug/L | 84 |
| 12) 1,1-Dichloroethene | 2.114 | 96 | 2077 | 0.319 | ug/L # | 1 |
| 17) Methyl tert-butyl Ether | 2.777 | 73 | 1262 | 0.076 | ug/L # | 88 |
| 19) 1,1-Dichloroethane | 3.191 | 63 | 1967 | 0.154 | ug/L | 95 |
| 22) cis-1,2-Dichloroethene | 3.908 | 96 | 1279 | 0.166 | ug/L | 97 |
| 31) Carbon tetrachloride | 4.831 | 117 | 1999 | 0.193 | ug/L | 97 |
| 34) Trichloroethene | 5.918 | 95 | 9652 | 1.206 | ug/L | 97 |
| 42) Toluene | 7.397 | 91 | 5844 | 0.202 | ug/L | 99 |
| 47) Tetrachloroethene | 7.979 | 164 | 28309 | 4.548 | ug/L | 97 |

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

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