Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029276.D
Acq On : 22 Nov 2022 20:58
Operator : SY/MD
Sample : N5651-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH1K1

Quant Time: Nov 23 04:46:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 305377 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 271731 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 123692 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 102108 | 3.505 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 70.200% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 88458 | 3.879 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 77.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 132867 | 2.678 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 53.600%# | | | |
| 20) 2-Butanone-d5 | 3.902 | 46 | 220329 | 51.241 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.480% | | | |
| 24) Chloroform-d | 4.339 | 84 | 168034 | 4.068 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 87133 | 4.459 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.200% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 353180 | 3.986 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 79.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 122181 | 4.365 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 87.200% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 291267 | 3.649 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.616 | 79 | 34838 | 3.738 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.800% | | | |
| 46) 2-Hexanone-d5 | 8.085 | 63 | 84970 | 50.856 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.720% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 65012 | 4.672 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 99591 | 4.174 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 83.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.127 | 85 | 3681 | 0.144 | ug/L | 98 |
| 3) Chloromethane | 1.240 | 50 | 3611 | 0.103 | ug/L | 98 |
| 9) Trichlorofluoromethane | 1.751 | 101 | 90452 | 2.354 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 2.764 | 73 | 25296 | 0.511 | ug/L | 96 |
| 18) trans-1,2-Dichloroethene | 2.757 | 96 | 22228 | 0.971 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.185 | 63 | 7277 | 0.158 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 3.905 | 96 | 35751 | 1.431 | ug/L | 100 |
| 25) Chloroform | 4.371 | 83 | 14060 | 0.320 | ug/L | 93 |
| 29) 1,1,1-Trichloroethane | 4.603 | 97 | 2120 | 0.059 | ug/L # | 79 |
| 34) Trichloroethene | 5.905 | 95 | 266257 | 10.225 | ug/L | 98 |
| 47) Tetrachloroethene | 7.969 | 164 | 42018 | 2.457 | ug/L | 97 |

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

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