Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029869.D
Acq On : 16 Jan 2023 11:54
Operator : SY/MD
Sample : 01136-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB5

Quant Time: Jan 17 00:37:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 208854 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 212407 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 107150 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 66309 | 4.186 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.800% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 64473 | 4.910 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 101909 | 3.529 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 70.600% | | | |
| 20) 2-Butanone-d5 | 3.921 | 46 | 107551 | 38.305 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 76.600% | | | |
| 24) Chloroform-d | 4.339 | 84 | 148413 | 5.107 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 65663 | 5.336 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.800% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 316170 | 5.018 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 97306 | 5.277 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 105.600% | | | |
| 41) Toluene-d8 | 7.307 | 98 | 270430 | 4.636 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.616 | 79 | 32496 | 4.825 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.600% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 142081 | 51.822 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.640% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 71872 | 5.319 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 106.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.612 | 152 | 107051 | 5.495 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 110.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.310 | 62 | 36423 | 1.816 | ug/L | 98 |
| 8) Chloroethane | 1.584 | 64 | 8414 | 0.691 | ug/L | 94 |
| 12) 1,1-Dichloroethene | 2.117 | 96 | 11728 | 0.658 | ug/L # | 1 |
| 14) Carbon disulfide | 2.294 | 76 | 5472 | 0.107 | ug/L # | 87 |
| 17) Methyl tert-butyl Ether | 2.767 | 73 | 15603 | 0.506 | ug/L | 97 |
| 18) trans-1,2-Dichloroethene | 2.757 | 96 | 11100 | 0.670 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.185 | 63 | 85967 | 3.100 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.902 | 96 | 198425 | 11.233 | ug/L | 97 |
| 34) Trichloroethene | 5.905 | 95 | 44869 | 2.521 | ug/L | 95 |
| 42) Toluene | 7.384 | 91 | 19675 | 0.260 | ug/L | 93 |
| 53) m,p-Xylene | 9.133 | 106 | 1577 | 0.050 | ug/L | 76 |

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

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