Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120820\
Data File : VU041501.D
Acq On : 08 Dec 2020 16:15
Operator : SY/MD
Sample : L4958-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** X2S36

Quant Time: Dec 10 02:48:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM120820.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 02:42:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.23 | 114 | 7560 | 0.50 | ug/L | 0.00 |
| 5) Chlorobenzene-d5 | 9.36 | 117 | 6272 | 0.50 | ug/L | 0.00 |
| 11) 1,4-Dichlorobenzene-d4 | 11.74 | 152 | 3413 | 0.50 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) Vinyl Chloride-d3 | 1.61 | 65 | 2679 | 0.35 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 40 - 130 | | Recovery = 70.00% | | | |
| 4) 1,2-Dichloroethane-d4 | 5.68 | 65 | 3761 | 0.36 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 72.00% | | | |
| 7) 1,2-Dichloropropane-d6 | 6.64 | 67 | 3543 | 0.47 | ug/L | -0.02 |
| Spiked Amount 0.500 | Range 60 - 140 | | Recovery = 94.00% | | | |
| 8) Toluene-d8 | 7.85 | 98 | 5407 | 0.38 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 76.00% | | | |
| 10) 1,1,2,2-Tetrachloroethane- | 10.68 | 84 | 4005 | 0.52 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 65 - 120 | | Recovery = 104.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Vinyl chloride | 1.61 | 62 | 17879 | 1.675 | ug/L | 97 |
| 6) Trichloroethene | 6.51 | 95 | 1890 | 0.240 | ug/L | 94 |
| 9) 1,2-Dibromoethane | 8.87 | 107 | 1550 | 0.275 | ug/L # | 97 |
| 12) 1,2,3-Trichloropropane | 10.75 | 75 | 10974 | 2.007 | ug/L | 99 |
| 13) 1,2-Dibromo-3-chloropropan | 12.91 | 75 | 1246 | 1.110 | ug/L | 95 |

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

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