Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041362.D
Acq On : 20 Nov 2020 13:13
Operator : SY/MD
Sample : L4790-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** H4399

Quant Time: Nov 21 03:12:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 57780 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 58310 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 23617 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 18073 | 4.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 17442 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 31281 | 3.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.20% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 90223 | 51.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.98% | | | |
| 24) Chloroform-d | 5.08 | 84 | 52257 | 5.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 34087 | 5.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 113.60% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 88939 | 5.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 31957 | 5.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 118.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 73984 | 5.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 12317 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 105.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 62445 | 50.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.28% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 27181 | 5.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 103.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 29819 | 6.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 129.40%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.61 | 62 | 127092 | 25.337 | ug/L | 100 |
| 8) Chloroethane | 1.94 | 64 | 973 | 0.292 | ug/L # | 63 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 1272 | 0.338 | ug/L # | 1 |
| 13) Acetone | 2.67 | 43 | 1835 | 1.578 | ug/L | 81 |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 7474 | 2.040 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.89 | 63 | 6113 | 0.746 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 41183 | 9.955 | ug/L | 99 |
| 33) Benzene | 5.79 | 78 | 2810 | 0.178 | ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 3219 | 0.754 | ug/L | 97 |
| 42) Toluene | 7.98 | 91 | 779 | 0.046 | ug/L | 99 |

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

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