Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039768.D
Acq On : 06 Aug 2020 20:14
Operator : SY/MD
Sample : L3578-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFWP0

Quant Time: Aug 07 05:17:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 91681 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 86906 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 40655 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 33863 | 6.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 136.80%# | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 23709 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 38369 | 3.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 77.00% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 132924 | 61.05 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 122.10% | | | |
| 24) Chloroform-d | 5.08 | 84 | 56112 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 33246 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.20% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 101296 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 34620 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 80093 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 12419 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 73416 | 49.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.94% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 30090 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 35408 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.52 | 50 | 2428 | 0.312 | ug/L | 86 |
| 5) Vinyl chloride | 1.61 | 62 | 1061040 | 142.340 | ug/L | 97 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 18413 | 2.927 | ug/L | 95 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 7781 | 1.423 | ug/L # | 61 |
| 14) Carbon disulfide | 2.81 | 76 | 5512 | 0.322 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 201121 | 33.032 | ug/L | 95 |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 11371957 | 1717.199 | ug/L # | 75 |
| 33) Benzene | 5.79 | 78 | 2052 | 0.087 | ug/L | 100 |
| 34) Trichloroethene | 6.56 | 95 | 13605 | 2.212 | ug/L | 96 |
| 42) Toluene | 7.98 | 91 | 5890 | 0.237 | ug/L | 89 |
| 52) Ethylbenzene | 9.57 | 91 | 7546 | 0.271 | ug/L | 89 |
| 53) m,p-Xylene | 9.70 | 106 | 2187 | 0.206 | ug/L | 80 |

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

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