Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017086.D
Acq On : 24 Jun 2020 21:05
Operator : SY/MD
Sample : L3105-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFXL3

Quant Time: Jun 25 03:46:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:16:55 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 158272 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 152317 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 68033 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 38714 | 4.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 31897 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 71123 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.60% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 122928 | 50.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.56% | | | |
| 24) Chloroform-d | 4.38 | 84 | 99237 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 54484 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 192579 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 56552 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.60% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 172977 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.40% | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 22022 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.40% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 88390 | 47.08 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.16% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 41538 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 105.60% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 68860 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.32 | 62 | 34157 | 3.289 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 17792 | 2.342 | ug/L # | 65 |
| 13) Acetone | 2.20 | 43 | 9174 | 7.496 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 11566 | 1.437 | ug/L | 96 |
| 19) 1,1-Dichloroethane | 3.21 | 63 | 410126 | 22.677 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 490739 | 44.583 | ug/L | 99 |
| 25) Chloroform | 4.41 | 83 | 30845 | 1.561 | ug/L | 96 |
| 27) 1,2-Dichloroethane | 5.16 | 62 | 32684 | 2.663 | ug/L | 97 |
| 29) 1,1,1-Trichloroethane | 4.64 | 97 | 90484 | 4.958 | ug/L | 98 |
| 30) Cyclohexane | 4.70 | 56 | 6042 | 0.348 | ug/L | 96 |
| 33) Benzene | 5.13 | 78 | 5491 | 0.138 | ug/L | 100 |
| 34) Trichloroethene | 5.94 | 95 | 71476 | 6.119 | ug/L | 96 |
| 47) 1,1,2-Trichloroethane | 7.86 | 97 | 37841 | 5.403 | ug/L | 97 |
| 49) Tetrachloroethene | 8.00 | 164 | 1904 | 0.203 | ug/L | 96 |
| 53) Chlorobenzene | 8.90 | 112 | 89326 | 3.090 | ug/L | 99 |
| 63) 1,3-Dichlorobenzene | 11.21 | 146 | 2573 | 0.126 | ug/L | 93 |
| 64) 1,4-Dichlorobenzene | 11.29 | 146 | 5558 | 0.267 | ug/L | 88 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 66) 1,2-Dichlorobenzene | 11.67 | 146 | 4244 | 0.228 | ug/L | 92 |

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

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