Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
Data File : VV008842.D
Acq On : 05 Dec 2018 15:34
Operator : SY/MD
Sample : J6155-15
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** A4130

Quant Time: Dec 06 07:02:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 06 04:51:41 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 118803 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 110759 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 54806 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 28225 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.20% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 22273 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 59425 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 97.40% | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 77649 | 49.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.24% | | | |
| 24) Chloroform-d | 4.40 | 84 | 69712 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 33849 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.20% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 137527 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 41423 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 127058 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 14221 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.60% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 58434 | 47.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.58% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 26667 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 46092 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 91.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 23106 | 2.047 | ug/L | 99 |
| 3) Chloromethane | 1.25 | 50 | 46395 | 6.204 | ug/L | 97 |
| 5) Vinyl chloride | 1.32 | 62 | 35903 | 4.712 | ug/L | 99 |
| 6) Bromomethane | 1.54 | 94 | 23029 | 5.156 | ug/L | 98 |
| 8) Chloroethane | 1.60 | 64 | 18864 | 4.407 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.77 | 101 | 109078 | 8.883 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 27257 | 4.080 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 32455 | 5.576 | ug/L | 95 |
| 16) Methylene chloride | 2.54 | 84 | 20508 | 3.262 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 74632 | 5.222 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 40097 | 6.302 | ug/L | 89 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 54181 | 6.221 | ug/L | 97 |
| 23) Bromochloromethane | 4.31 | 128 | 7742 | 2.101 | ug/L | 98 |
| 25) Chloroform | 4.43 | 83 | 68745 | 4.561 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.18 | 62 | 42812 | 4.977 | ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 67236 | 5.126 | ug/L | 98 |
| 31) Carbon tetrachloride | 4.87 | 117 | 59192 | 5.013 | ug/L | 96 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 34) Trichloroethene | 5.96 | 95 | 75204 | 8.211 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.22 | 63 | 37736 | 4.889 | ug/L | 99 |
| 38) Bromodichloromethane | 6.56 | 83 | 19017 | 2.002 | ug/L | 95 |
| 39) cis-1,3-Dichloropropene | 7.07 | 75 | 19193 | 1.775 | ug/L | 98 |
| 42) Toluene | 7.43 | 91 | 103780 | 3.053 | ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 7.88 | 97 | 44999 | 8.305 | ug/L | 97 |
| 47) Tetrachloroethene | 8.02 | 164 | 38232 | 5.203 | ug/L | 95 |
| 49) Dibromochloromethane | 8.29 | 129 | 35955 | 5.673 | ug/L | 98 |
| 52) Ethylbenzene | 9.05 | 91 | 386623 | 10.418 | ug/L | 100 |
| 54) o-xylene | 9.59 | 106 | 41593 | 3.076 | ug/L | 100 |
| 55) Styrene | 9.60 | 104 | 71072 | 3.177 | ug/L | 100 |
| 56) Isopropylbenzene | 9.98 | 105 | 272341 | 7.445 | ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.29 | 83 | 25170 | 4.603 | ug/L | 97 |
| 62) 1,3-Dichlorobenzene | 11.23 | 146 | 37104 | 2.094 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 33751 | 2.062 | ug/L | 95 |

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

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