Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033851.D
Acq On : 24 Jan 2024 14:57
Operator : SY/MD
Sample : P1191-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DCMS7

Quant Time: Jan 25 01:07:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 218618 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 198588 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 111578 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 105066 | 62.533 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 125.060% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 71421 | 53.677 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 107.360% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 41412 | 57.270 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 114.540% | | | |
| 21) 2-Butanone-d5 | 3.815 | 46 | 79038 | 68.583 | ug/L | 0.03 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 68.580% | | | |
| 24) Chloroform-d | 4.246 | 84 | 135911 | 45.238 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.480% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 93799 | 48.320 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.640% | | | |
| 32) Benzene-d6 | 4.960 | 84 | 270811 | 47.967 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.940% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 79618 | 42.843 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 85.680% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 251803 | 49.501 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 43628 | 47.501 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 95.000% | | | |
| 47) 2-Hexanone-d5 | 8.024 | 63 | 53037 | 68.803 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 68.800% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 98776 | 41.634 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 83.260% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.561 | 152 | 101940 | 48.154 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.300% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.285 | 62 | 1420934 | 718.193 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.073 | 96 | 26355 | 20.087 | ug/L # | 45 |
| 13) Acetone | 2.111 | 43 | 8302 | 7.534 | ug/L | 96 |
| 14) Carbon disulfide | 2.243 | 76 | 48939 | 10.974 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 2.693 | 96 | 792434 | 540.687 | ug/L | 95 |
| 18) Methyl tert-butyl Ether | 2.700 | 73 | 15928 | 3.022 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 3.818 | 96 | 20184169 | 12374.117 | ug/L | 79 |
| 25) Chloroform | 4.275 | 83 | 17339 | 6.103 | ug/L | 92 |
| 34) Trichloroethene | 5.847 | 95 | 12719089 | 8129.077 | ug/L | 92 |
| 45) 1,1,2-Trichloroethane | 7.776 | 97 | 4514 | 3.100 | ug/L | 95 |
| 46) Tetrachloroethene | 7.928 | 164 | 10801132 | 9411.707 | ug/L | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 10.178 | 83 | 33909 | 14.630 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 10.481 | 105 | 4907 | 0.758 | ug/L | 92 |
| 63) 1,2,4-Trimethylbenzene | 10.854 | 105 | 17331 | 2.685 | ug/L | 97 |

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

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**ClientSampleId :**
DCMS7

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QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration