Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040670.D
Acq On : 15 Mar 2024 22:07
Operator : JC/MD
Sample : P1754-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 16 05:53:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCL08

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.763 | 114 | 144461 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 136908 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 61368 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 45730 | 36.112 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 72.220% | | | |
| 7) Chloroethane-d5 | 1.666 | 69 | 42041 | 41.584 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 83.160% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.307 | 65 | 21386 | 36.687 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 73.380% | | | |
| 21) 2-Butanone-d5 | 4.452 | 46 | 95091 | 97.856 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 97.860% | | | |
| 24) Chloroform-d | 5.056 | 84 | 107828 | 45.852 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.700% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.952 | 65 | 81074 | 46.176 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.360% | | | |
| 32) Benzene-d6 | 5.970 | 84 | 184090 | 43.828 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.660% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.306 | 67 | 60127 | 46.188 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.380% | | | |
| 41) Toluene-d8 | 8.647 | 98 | 161913 | 40.000 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 80.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 29755 | 42.946 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 85.900% | | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 67853 | 94.465 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 94.460% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84 | 95599 | 49.049 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 98.100% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.317 | 152 | 59192 | 46.052 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 92.100% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.374 | 62 | 22960 | 18.934 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 138136m | 156.873 | ug/L | |
| 13) Acetone | 2.380 | 43 | 67291 | 96.971 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.611 | 63 | 13763 | 7.836 | ug/L | 94 |
| 20) cis-1,2-Dichloroethene | 4.483 | 96 | 13237 | 13.059 | ug/L | 98 |
| 22) 2-Butanone | 4.574 | 43 | 4226m | 4.599 | ug/L | |
| 30) 1,1,1-Trichloroethane | 5.385 | 97 | 18382 | 10.780 | ug/L # | 83 |
| 33) Benzene | 6.038 | 78 | 4629 | 1.259 | ug/L | 100 |
| 34) Trichloroethene | 7.129 | 95 | 8765 | 8.073 | ug/L | 97 |

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

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