Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050921.D
Acq On : 23 Sep 2022 15:43
Operator : JC/MD
Sample : N4650-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXYZ6DL

Quant Time: Sep 24 00:24:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 415387 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 393529 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 144612 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 171849 | 39.931 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 79.860% | | | |
| 7) Chloroethane-d5 | 1.906 | 69 | 146259 | 47.718 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 95.440% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 219982 | 32.850 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 65.700% | | | |
| 21) 2-Butanone-d5 | 4.620 | 46 | 307800 | 110.781 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 110.780% | | | |
| 24) Chloroform-d | 5.063 | 84 | 315476 | 46.776 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.560% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 204617 | 49.229 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.460% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 633779 | 48.895 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.780% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 215716 | 49.304 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.600% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 519423 | 45.843 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.680% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 85429 | 44.883 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.760% | | | |
| 47) 2-Hexanone-d5 | 8.632 | 63 | 173408 | 96.175 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 96.170% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84 | 316616 | 47.465 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 94.920% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 165259 | 54.580 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 109.160% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.604 | 62 | 44738 | 9.139 | ug/L | 96 |
| 8) Chloroethane | 1.928 | 64 | 85086 | 31.393 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.575 | 96 | 3360 | 1.052 | ug/L # | 1 |
| 17) trans-1,2-Dichloroethene | 3.359 | 96 | 4113 | 1.257 | ug/L | 90 |
| 19) 1,1-Dichloroethane | 3.867 | 63 | 315148 | 47.652 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 4.665 | 96 | 157143 | 43.300 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.796 | 62 | 5265 | 1.051 | ug/L | 100 |
| 30) 1,1,1-Trichloroethane | 5.314 | 97 | 79518 | 15.188 | ug/L | 99 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050921.D
Acq On : 23 Sep 2022 15:43
Operator : JC/MD
Sample : N4650-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXYZ6DL

Quant Time: Sep 24 00:24:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration