Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028479.D
Acq On : 09 Oct 2022 12:18
Operator : SY/MD
Sample : N4923-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E10005DL

Quant Time: Oct 10 05:26:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 10 05:21:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 396394 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 358683 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 188271 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 161041 | 52.652 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 105.300% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 120050 | 49.501 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 99.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.101 | 63 | 197047 | 37.853 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 75.700% | | | |
| 21) 2-Butanone-d5 | 3.895 | 46 | 221643 | 82.780 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 82.780% | | | |
| 24) Chloroform-d | 4.339 | 84 | 272212 | 48.526 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.060% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 179802 | 49.700 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.400% | | | |
| 32) Benzene-d6 | 5.040 | 84 | 576701 | 50.177 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.360% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.059 | 67 | 175218 | 46.758 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 93.520% | | | |
| 41) Toluene-d8 | 7.307 | 98 | 520521 | 50.584 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.160% | | | |
| 43) trans-1,3-Dichloroprop... | 7.616 | 79 | 90407 | 47.333 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.660% | | | |
| 47) 2-Hexanone-d5 | 8.082 | 63 | 166122 | 81.493 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 81.490% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 223910 | 43.665 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 87.340% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.615 | 152 | 193042 | 49.484 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.960% | | | |
| Target Compounds | | | | | | Qvalue |
| 33) Benzene | 5.092 | 78 | 716669 | 60.751 | ug/L | 100 |
| 42) Toluene | 7.384 | 91 | 55053 | 4.528 | ug/L | 93 |
| 52) Ethylbenzene | 9.005 | 91 | 256447 | 19.350 | ug/L | 99 |
| 53) m,p-Xylene | 9.133 | 106 | 33747 | 6.718 | ug/L | 98 |
| 54) o-Xylene | 9.535 | 106 | 25820 | 5.133 | ug/L | 97 |
| 60) Isopropylbenzene | 9.924 | 105 | 32103 | 2.366 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 10.532 | 105 | 17143 | 1.459 | ug/L | 91 |
| 63) 1,2,4-Trimethylbenzene | 10.905 | 105 | 47583 | 4.080 | ug/L | 99 |

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

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