Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
Data File : VX026132.D
Acq On : 29 Dec 2021 12:38
Operator : JC/MD
Sample : M5216-02DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
COHB5DL

Quant Time: Dec 30 02:40:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 30 02:39:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 205599 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 178408 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 83113 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.374 | 65 | 77395 | 48.500 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 97.000% | | | |
| 7) Chloroethane-d5 | 1.672 | 69 | 60867 | 52.469 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 104.940% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.313 | 63 | 113384 | 38.926 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.860% | | | |
| 21) 2-Butanone-d5 | 4.458 | 46 | 120580 | 109.354 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 109.350% | | | |
| 24) Chloroform-d | 5.068 | 84 | 137873 | 50.875 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.760% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.958 | 65 | 95566 | 54.401 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.800% | | | |
| 32) Benzene-d6 | 5.983 | 84 | 279418 | 54.323 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.640% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 87980 | 55.292 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 110.580% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 250794 | 53.463 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.920% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 41986 | 54.054 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 108.100% | | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 83371 | 112.344 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 112.340% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 115366 | 54.477 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 108.960% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 88644 | 55.912 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 111.820% | | | |
| Target Compounds | | | | | | Qvalue |
| 33) Benzene | 6.044 | 78 | 90930 | 17.262 | ug/L | 100 |
| 51) Chlorobenzene | 10.079 | 112 | 451284 | 130.467 | ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 11.969 | 146 | 18792 | 7.719 | ug/L | 98 |
| 65) 1,4-Dichlorobenzene | 12.043 | 146 | 155580 | 62.371 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 12.335 | 146 | 197294 | 81.348 | ug/L | 98 |
| 70) 1,2,4-trichlorobenzene | 13.591 | 180 | 27278 | 18.318 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.963 | 180 | 6528 | 4.320 | ug/L | 96 |

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

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