Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
Data File : VU060973.D
Acq On : 23 Sep 2024 13:35
Operator : MD/SY
Sample : P4092-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0B19

Quant Time: Sep 24 06:09:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 24 06:06:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 143478 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 148519 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 68794 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 50598 | 3.921 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.400% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 39933 | 4.346 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 87.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 18325 | 4.006 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 80.200% | | | |
| 20) 2-Butanone-d5 | 4.637 | 46 | 92894 | 44.839 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.680% | | | |
| 24) Chloroform-d | 5.055 | 84 | 82062 | 4.160 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 39324 | 4.170 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.400% | | | |
| 32) Benzene-d6 | 5.718 | 84 | 161836 | 4.066 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 54768 | 4.447 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.000% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 140999 | 3.885 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 17654 | 3.982 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 79.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 76188 | 43.565 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 87.140% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 40767 | 4.225 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 84.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 50762 | 4.391 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 87.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.576 | 101 | 64938 | 6.571 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 70905 | 7.856 | ug/L | 81 |
| 16) Methylene chloride | 3.042 | 84 | 14614 | 1.398 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.862 | 63 | 7949 | 0.423 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 4.657 | 96 | 194422 | 18.784 | ug/L | 98 |
| 25) Chloroform | 5.078 | 83 | 20022 | 1.023 | ug/L | 95 |
| 34) Trichloroethene | 6.534 | 95 | 1448475 | 135.303 | ug/L | 98 |
| 47) Tetrachloroethene | 8.544 | 164 | 136482 | 16.043 | ug/L | 97 |
| 54) o-Xylene | 10.097 | 106 | 7006 | 0.417 | ug/L | 94 |
| 67) 1,2-Dichlorobenzene | 12.206 | 146 | 19064 | 0.984 | ug/L | 90 |

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

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