Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058393.D
Acq On : 05 Apr 2024 02:18
Operator : MD/SY
Sample : P1970-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AJ7

Quant Time: Apr 05 05:15:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 84984 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 79837 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 34873 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 27787 | 4.939 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.800% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 24068 | 4.922 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 15397 | 6.046 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 121.000% | | | |
| 20) 2-Butanone-d5 | 4.628 | 46 | 58270 | 49.143 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.280% | | | |
| 24) Chloroform-d | 5.052 | 84 | 55505 | 4.942 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 26337 | 5.024 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.400% | | | |
| 32) Benzene-d6 | 5.718 | 84 | 110380 | 5.135 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 35188 | 5.220 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.400% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 93298 | 4.895 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 10739 | 5.132 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 102.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 41896 | 48.546 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.100% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 21612 | 4.542 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 28208 | 4.803 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.518 | 50 | 1202 | 0.139 | ug/L | 93 |
| 5) Vinyl chloride | 1.602 | 62 | 1562 | 0.180 | ug/L # | 81 |
| 9) Trichlorofluoromethane | 2.136 | 101 | 2862 | 0.250 | ug/L | 95 |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 5414212 | 898.953 | ug/L # | 76 |
| 13) Acetone | 2.641 | 43 | 92740 | 91.638 | ug/L | 97 |
| 16) Methylene chloride | 3.036 | 84 | 8786 | 1.099 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.859 | 63 | 627716 | 45.560 | ug/L | 98 |
| 25) Chloroform | 5.081 | 83 | 7246 | 0.543 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 5.788 | 62 | 9931 | 1.223 | ug/L | 97 |
| 29) 1,1,1-Trichloroethane | 5.312 | 97 | 15953213 | 1490.395 | ug/L | 98 |
| 34) Trichloroethene | 6.534 | 95 | 86480 | 11.855 | ug/L | 98 |
| 42) Toluene | 7.965 | 91 | 3731 | 0.123 | ug/L | 96 |
| 47) Tetrachloroethene | 8.547 | 164 | 5968 | 1.116 | ug/L | 94 |

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

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