Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062416.D
Acq On : 18 Dec 2024 03:55
Operator : MD/SY
Sample : P5309-12
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CJ1

Quant Time: Dec 18 06:53:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 100490 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 93910 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 45606 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 25257 | 3.726 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 74.600% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 20797 | 4.314 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 12908 | 4.003 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 80.000% | | | |
| 20) 2-Butanone-d5 | 4.624 | 46 | 58377 | 44.939 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.880% | | | |
| 24) Chloroform-d | 5.052 | 84 | 65077 | 4.436 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 34759 | 4.819 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.400% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 117272 | 4.336 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 33527 | 4.332 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 86.600% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 109858 | 4.300 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 13486 | 3.959 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 79.200% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 43824 | 42.643 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.280% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 27062 | 4.494 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 40495 | 4.818 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 2.132 | 101 | 388005 | 29.100 | ug/L | 98 |
| 13) Acetone | 2.647 | 43 | 4418 | 4.995 | ug/L | 94 |
| 18) trans-1,2-Dichloroethene | 3.348 | 96 | 2525 | 0.362 | ug/L | 82 |
| 22) cis-1,2-Dichloroethene | 4.653 | 96 | 74962 | 9.593 | ug/L | 94 |
| 25) Chloroform | 5.074 | 83 | 6153 | 0.427 | ug/L | 97 |
| 31) Carbon tetrachloride | 5.515 | 117 | 5480 | 0.452 | ug/L | 100 |
| 34) Trichloroethene | 6.534 | 95 | 4245812 | 515.035 | ug/L | 95 |
| 45) 1,1,2-Trichloroethane | 8.396 | 97 | 2498 | 0.467 | ug/L | 85 |
| 47) Tetrachloroethene | 8.544 | 164 | 159087 | 24.994 | ug/L | 95 |

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

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