Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060923.D
Acq On : 20 Sep 2024 03:50
Operator : MD/SY
Sample : P3987-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH8P4

Quant Time: Sep 20 05:58:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.271 | 114 | 117039 | 5.000 | ug/L | 0.03 |
| 28) Chlorobenzene-d5 | 9.418 | 117 | 129155 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 58242 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.608 | 65 | 32834 | 3.119 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = | 62.400% | | |
| 7) Chloroethane-d5 | 1.930 | 69 | 28409 | 3.790 | ug/L | 0.02 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = | 75.800% | | |
| 11) 1,1-Dichloroethene-d2 | 2.573 | 65 | 15433 | 4.136 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = | 82.800% | | |
| 20) 2-Butanone-d5 | 4.747 | 46 | 78760 | 46.605 | ug/L | 0.11 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = | 93.200% | | |
| 24) Chloroform-d | 5.081 | 84 | 73194 | 4.548 | ug/L | 0.03 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 91.000% | | |
| 26) 1,2-Dichloroethane-d4 | 5.734 | 65 | 37632 | 4.892 | ug/L | 0.04 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 97.800% | | |
| 32) Benzene-d6 | 5.753 | 84 | 128617 | 3.715 | ug/L | 0.03 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 74.400% | | |
| 36) 1,2-Dichloropropane-d6 | 6.708 | 67 | 43737 | 4.084 | ug/L | 0.03 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = | 81.600% | | |
| 41) Toluene-d8 | 7.904 | 98 | 108933 | 3.452 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 69.000%# | | |
| 43) trans-1,3-Dichloroprop... | 8.187 | 79 | 13322 | 3.455 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = | 69.200% | | |
| 46) 2-Hexanone-d5 | 8.647 | 63 | 74077 | 48.709 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = | 97.420% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 40704 | 4.851 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = | 97.000% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 48814 | 4.988 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = | 99.800% | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.586 | 96 | 287048 | 38.990 | ug/L # | 65 |
| 16) Methylene chloride | 3.055 | 84 | 14558 | 1.708 | ug/L | 94 |
| 18) trans-1,2-Dichloroethene | 3.358 | 96 | 7022 | 0.921 | ug/L | 87 |
| 19) 1,1-Dichloroethane | 3.875 | 63 | 881923 | 57.579 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 4.679 | 96 | 333809 | 39.537 | ug/L | 95 |
| 33) Benzene | 5.801 | 78 | 17761 | 0.500 | ug/L | 100 |
| 34) Trichloroethene | 6.557 | 95 | 930111 | 99.908 | ug/L | 94 |
| 42) Toluene | 7.975 | 91 | 115560 | 3.112 | ug/L | 96 |
| 52) Ethylbenzene | 9.573 | 91 | 18761 | 0.480 | ug/L | 94 |
| 53) m,p-Xylene | 9.689 | 106 | 28434 | 1.918 | ug/L | 89 |
| 54) o-Xylene | 10.097 | 106 | 10070 | 0.688 | ug/L | 91 |
| 62) 1,3,5-Trimethylbenzene | 11.081 | 105 | 3398 | 0.127 | ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 11.463 | 105 | 14347 | 0.541 | ug/L | 95 |

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

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