Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047413.D
Acq On : 09 Mar 2022 18:45
Operator : SY/MD
Sample : N1840-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFY22

Quant Time: Mar 10 01:06:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 00:51:00 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.253 | 114 | 171439 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.420 | 117 | 162839 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 91218 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.604 | 65 | 44878 | 4.827 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.600% | | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 32482 | 4.759 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.575 | 65 | 20333 | 4.951 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 99.000% | | | |
| 20) 2-Butanone-d5 | 4.642 | 46 | 81073 | 48.974 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 97.940% | | | |
| 24) Chloroform-d | 5.070 | 84 | 69814 | 4.713 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.706 | 65 | 35646 | 4.752 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.000% | | | |
| 32) Benzene-d6 | 5.732 | 84 | 150888 | 4.926 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.694 | 67 | 44934 | 4.959 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.200% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 144000 | 4.783 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.600% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 18022 | 4.684 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.600% | | | |
| 46) 2-Hexanone-d5 | 8.636 | 63 | 78569 | 46.360 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.720% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 37121 | 4.701 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 55053 | 4.760 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.588 | 96 | 44227 | 4.394 | ug/L | 94 |
| 17) Methyl tert-butyl Ether | 3.369 | 73 | 93503 | 3.602 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.874 | 63 | 196101 | 10.699 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.671 | 96 | 27761 | 2.325 | ug/L | 95 |
| 27) 1,2-Dichloroethane | 5.800 | 62 | 6017 | 0.471 | ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 5.321 | 97 | 18821 | 1.119 | ug/L | 99 |
| 33) Benzene | 5.777 | 78 | 3386 | 0.077 | ug/L | 100 |
| 34) Trichloroethene | 6.542 | 95 | 32021 | 2.724 | ug/L | 95 |
| 47) Tetrachloroethene | 8.555 | 164 | 20263 | 2.032 | ug/L | 93 |
| 53) m,p-Xylene | 9.693 | 106 | 3748 | 0.185 | ug/L | 93 |
| 63) 1,2,4-Trimethylbenzene | 11.468 | 105 | 4371 | 0.101 | ug/L | 90 |

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

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