Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
240619096-02-VOA

Quant Time: Jun 21 03:17:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 4.904 | 128 | 28988 | 30.000 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 6.763 | 114 | 156856 | 30.000 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 10.055 | 117 | 144939 | 30.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 5.958 | 65 | 59518 | 29.826 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 99.433% | | | | |
| 60) 4-Bromofluorobenzene | 11.079 | 95 | 64957 | 28.953 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 96.500% | | | | |
| 63) Toluene-d8 | 8.647 | 98 | 184901 | 29.818 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 99.400% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 8) Diethyl Ether | 2.136 | 74 | 4478 | 4.005 | ug/l | | 97 |
| 12) Methyl Acetate | 2.709 | 43 | 2119 | 0.938 | ug/l | | 98 |
| 15) Acetone | 2.392 | 58 | 127390 | 415.394 | ug/l | | 99 |
| 16) Carbon Disulfide | 2.495 | 76 | 7441 | 1.917 | ug/l | # | 89 |
| 23) tert-Butyl Alcohol | 3.001 | 59 | 2374875 | 5958.552 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 3.117 | 73 | 13280 | 2.423 | ug/l | # | 76 |
| 30) 2-Butanone | 4.568 | 43 | 493257 | 360.592 | ug/l | | 96 |
| 34) Benzene | 6.037 | 78 | 31652 | 4.641 | ug/l | | 99 |
| 45) 1,4-Dioxane | 7.677 | 88 | 4904 | 104.727 | ug/l | # | 88 |
| 58) 4-Methyl-2-Pentanone | 8.580 | 43 | 16267 | 6.263 | ug/l | # | 87 |
| 59) 2-Hexanone | 9.445 | 43 | 4185 | 2.088 | ug/l | # | 79 |
| 62) Toluene | 8.720 | 91 | 32195 | 4.390 | ug/l | | 99 |
| 64) Chlorobenzene | 10.079 | 112 | 7449 | 1.491 | ug/l | | 91 |
| 66) Ethyl Benzene | 10.195 | 91 | 42556 | 5.307 | ug/l | | 96 |
| 67) m/p-Xylenes | 10.305 | 106 | 22237 | 6.894 | ug/l | | 100 |
| 68) o-Xylene | 10.640 | 106 | 13988 | 4.350 | ug/l | | 96 |
| 70) Isopropylbenzene | 10.963 | 105 | 10688 | 1.322 | ug/l | | 99 |
| 74) n-propylbenzene | 11.305 | 91 | 5243 | 0.590 | ug/l | | 98 |
| 75) 2-Chlorotoluene | 11.372 | 91 | 2110 | 0.374 | ug/l | | 100 |
| 76) 1,3,5-Trimethylbenzene | 11.451 | 105 | 4562 | 0.673 | ug/l | | 92 |
| 80) 1,2,4-Trimethylbenzene | 11.750 | 105 | 19536 | 2.887 | ug/l | | 100 |
| 82) p-Isopropyltoluene | 12.006 | 119 | 21241 | 2.890 | ug/l | | 98 |
| 84) 1,4-Dichlorobenzene | 12.043 | 146 | 14772 | 3.529 | ug/l | | 96 |
| 91) Naphthalene | 13.774 | 128 | 270367 | 31.083 | ug/l | | 100 |

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

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