Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
Data File : VN075064.D
Acq On : 28 Oct 2022 16:36
Operator : JC\MD
Sample : N5314-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
221026069-02-VOA

Quant Time: Oct 28 16:55:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 7.818 | 128 | 14646 | 30.000 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 9.106 | 114 | 81940 | 30.000 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.865 | 117 | 70758 | 30.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.583 | 65 | 43700 | 32.633 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 108.767% | | | | |
| 60) 4-Bromofluorobenzene | 12.847 | 95 | 37228 | 26.777 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 89.267% | | | | |
| 63) Toluene-d8 | 10.571 | 98 | 123719 | 31.262 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 104.200% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 15) Acetone | 4.442 | 58 | 33135 | 201.955 | ug/l | | 81 |
| 23) tert-Butyl Alcohol | 5.542 | 59 | 635783 | 2338.719 | ug/l | # | 100 |
| 30) 2-Butanone | 7.489 | 43 | 308921 | 381.281 | ug/l | | 99 |
| 34) Benzene | 8.612 | 78 | 16234 | 3.778 | ug/l | # | 95 |
| 62) Toluene | 10.635 | 91 | 15273 | 3.334 | ug/l | | 95 |
| 64) Chlorobenzene | 11.894 | 112 | 4856 | 1.710 | ug/l | # | 87 |
| 66) Ethyl Benzene | 11.965 | 91 | 13876 | 2.688 | ug/l | | 95 |
| 67) m/p-Xylenes | 12.071 | 106 | 14545 | 7.024 | ug/l | | 98 |
| 68) o-Xylene | 12.394 | 106 | 9198 | 4.419 | ug/l | | 93 |
| 70) Isopropylbenzene | 12.700 | 105 | 5356 | 0.988 | ug/l | | 92 |
| 76) 1,3,5-Trimethylbenzene | 13.176 | 105 | 2766 | 0.602 | ug/l | | 91 |
| 80) 1,2,4-Trimethylbenzene | 13.482 | 105 | 11135 | 2.383 | ug/l | # | 82 |
| 82) p-Isopropyltoluene | 13.729 | 119 | 9815 | 2.018 | ug/l | | 99 |
| 84) 1,4-Dichlorobenzene | 13.818 | 146 | 6186 | 2.686 | ug/l | | 93 |
| 91) Naphthalene | 15.641 | 128 | 23627 | 5.716 | ug/l | | 99 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
Data File : VN075064.D
Acq On : 28 Oct 2022 16:36
Operator : JC\MD
Sample : N5314-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
221026069-02-VOA

Quant Time: Oct 28 16:55:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration