Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
Data File : VN078862.D
Acq On : 11 Aug 2023 14:51
Operator : JC\MD
Sample : 03988-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 01:41:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.818	128	27000	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	151036	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	128152	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	69722	32.075	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.900%			
60) 4-Bromofluorobenzene	12.859	95	42659	23.715	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 79.033%			
63) Toluene-d8	10.576	98	185907	29.604	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.667%			
Target Compounds						Qvalue
15) Acetone	4.441	58	149511	673.817	ug/l	81
23) tert-Butyl Alcohol	5.535	59	19501m	60.940	ug/l	
30) 2-Butanone	7.500	43	44260	36.801	ug/l #	91
58) 4-Methyl-2-Pentanone	10.447	43	10022	4.069	ug/l #	86
62) Toluene	10.635	91	2238136	296.647	ug/l	99
67) m/p-Xylenes	12.082	106	1562m	0.544	ug/l	
82) p-Isopropyltoluene	13.735	119	9269	1.920	ug/l	91

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

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