Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
Data File : VN078931.D
Acq On : 17 Aug 2023 17:29
Operator : JC\MD
Sample : 04027-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 18 05:33:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	37802	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	199957	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	175403	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89586	29.252	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.500%			
60) 4-Bromofluorobenzene	12.859	95	65969	25.783	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.933%			
63) Toluene-d8	10.571	98	244034	29.792	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.300%			
Target Compounds						Qvalue
15) Acetone	4.436	58	182957	483.427	ug/l	91
25) Chloroform	7.971	83	4294	0.962	ug/l #	81
30) 2-Butanone	7.494	43	67863	38.110	ug/l #	94
58) 4-Methyl-2-Pentanone	10.453	43	20226	5.812	ug/l	96
62) Toluene	10.635	91	2536324	264.859	ug/l	98
66) Ethyl Benzene	11.965	91	3208	0.320	ug/l #	73
67) m/p-Xylenes	12.076	106	2959	0.792	ug/l	97
68) o-Xylene	12.400	106	1228	0.333	ug/l	84
80) 1,2,4-Trimethylbenzene	13.488	105	4258	0.612	ug/l	79
82) p-Isopropyltoluene	13.735	119	14496	2.251	ug/l	90

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

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