Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
Data File : VX036700.D
Acq On : 28 Jul 2023 12:28
Operator : JC/MD
Sample : 03790-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(JULY)

Quant Time: Jul 28 16:17:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.910	128	25967	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.763	114	154729	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	138636	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	64144	29.763	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.200%				
60) 4-Bromofluorobenzene	11.079	95	66847	29.725	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.100%				
63) Toluene-d8	8.653	98	186490	29.233	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.433%				
Target Compounds							Qvalue
15) Acetone	2.380	58	511397	1804.166	ug/l		91
16) Carbon Disulfide	2.508	76	3217	0.873	ug/l		98
18) Methylene Chloride	2.794	84	1555	0.850	ug/l	#	96
30) 2-Butanone	4.562	43	103352	70.349	ug/l		99
47) n-amyl Acetate	10.854	43	6463	1.671	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.580	43	19897	6.940	ug/l		97
62) Toluene	8.720	91	5097802	655.365	ug/l		92
66) Ethyl Benzene	10.195	91	4949	0.585	ug/l		90
67) m/p-Xylenes	10.299	106	4606	1.398	ug/l		98
68) o-Xylene	10.646	106	1835	0.561	ug/l		98
80) 1,2,4-Trimethylbenzene	11.750	105	15109	2.178	ug/l		43
82) p-Isopropyltoluene	12.012	119	40202	5.778	ug/l		98

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

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