Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076902.D
Acq On : 09 Mar 2023 14:52
Operator : JC\MD
Sample : 01774-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

Quant Time: Mar 10 01:32:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 09 04:16:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.825	128	38144	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.107	114	261142	30.000	ug/l	#	0.00
57) Chlorobenzene-d5	11.866	117	292600	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.584	65	112542	32.100	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.000%				
60) 4-Bromofluorobenzene	12.854	95	155130	28.013	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.367%				
63) Toluene-d8	10.572	98	295913	28.753	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.833%				
Target Compounds							Qvalue
12) Methyl Acetate	5.048	43	20129m	2.928	ug/l		
15) Acetone	4.437	58	972704	1578.473	ug/l		88
25) Chloroform	7.972	83	6695	0.774	ug/l	#	78
30) 2-Butanone	7.489	43	115093	41.013	ug/l		95
58) 4-Methyl-2-Pentanone	10.448	43	29028	4.911	ug/l	#	55
61) Tetrachloroethene	11.107	164	7873	1.704	ug/l		95
62) Toluene	10.630	91	49463	2.453	ug/l		99
67) m/p-Xylenes	12.072	106	3524	0.425	ug/l		84
68) o-Xylene	12.401	106	1843	0.228	ug/l		93
69) Styrene	12.413	104	3117	0.237	ug/l	#	78
80) 1,2,4-Trimethylbenzene	13.489	105	9647	0.538	ug/l		72
82) p-Isopropyltoluene	13.736	119	10287	0.584	ug/l		90
91) Naphthalene	15.642	128	24843	1.674	ug/l	#	91

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

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