

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086358.D
 Acq On : 21 Apr 2025 13:47
 Operator : JC\MD
 Sample : Q1833-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Apr 22 02:17:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2025
 Supervised By : Mahesh Dadoda 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	39718	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	240756	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	218068	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	116751	30.137	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.467%			
60) 4-Bromofluorobenzene	12.847	95	122371	28.185	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.967%			
63) Toluene-d8	10.565	98	356620	28.967	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.567%			
Target Compounds						
					Qvalue	
13) Acrolein	4.177	56	1656m	3.411	ug/l	
15) Acetone	4.424	58	280570	613.728	ug/l	91
20) Diisopropyl ether	6.671	45	48466	4.277	ug/l	96
25) Chloroform	7.965	83	12028	2.086	ug/l	96
30) 2-Butanone	7.477	43	6099	2.552	ug/l #	85
58) 4-Methyl-2-Pentanone	10.435	43	2549	0.515	ug/l #	85
59) 2-Hexanone	11.194	43	30928	8.393	ug/l	97

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

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