

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084352.D
 Acq On : 08 Oct 2024 16:29
 Operator : JC\MD
 Sample : P4289-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-Waste Water

Quant Time: Oct 09 08:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	29829	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168825	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160891	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78053	32.502	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.333%			
60) 4-Bromofluorobenzene	12.847	95	76050	28.640	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.467%			
63) Toluene-d8	10.565	98	215643	28.932	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.433%			
Target Compounds						
13) Acrolein	4.183	56	2703m	6.258	ug/l	
15) Acetone	4.430	58	24614705	82486.421	ug/l #	3
20) Diisopropyl ether	6.671	45	87799	13.563	ug/l #	98
25) Chloroform	7.959	83	8609	2.288	ug/l	84
30) 2-Butanone	7.483	43	41259	27.962	ug/l	99
43) Ethyl Acetate	7.559	43	12689	4.360	ug/l #	87
44) Isopropyl Acetate	8.682	43	26680	5.601	ug/l #	84
58) 4-Methyl-2-Pentanone	10.441	43	4288	1.431	ug/l #	84
59) 2-Hexanone	11.194	43	11554	5.188	ug/l #	94
62) Toluene	10.629	91	3894	0.413	ug/l	94

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

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