

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077177.D
 Acq On : 24 Mar 2023 13:12
 Operator : JC\MD
 Sample : 02004-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Mar 24 23:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	39634	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	285175	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	318055	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	128537	31.934	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.433%			
60) 4-Bromofluorobenzene	12.854	95	164410	28.774	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.900%			
63) Toluene-d8	10.572	98	341033	30.038	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	2036	0.490	ug/l #	77
15) Acetone	4.437	58	13899210	19705.053	ug/l #	38
20) Diisopropyl ether	6.684	45	15621999	950.736	ug/l	96
23) tert-Butyl Alcohol	5.542	59	42488	46.402	ug/l #	100
25) Chloroform	7.972	83	105388	11.643	ug/l	96
30) 2-Butanone	7.495	43	98435	24.665	ug/l #	96
41) Bromodichloromethane	9.889	83	10743	1.453	ug/l #	76
51) Ethyl methacrylate	10.801	69	45327	5.761	ug/l	63
58) 4-Methyl-2-Pentanone	10.448	43	1699381	207.021	ug/l	99
59) 2-Hexanone	11.201	43	65946	11.018	ug/l	98
62) Toluene	10.636	91	15628	0.699	ug/l	97
66) Ethyl Benzene	11.966	91	5288	0.220	ug/l	92
67) m/p-Xylenes	12.071	106	3533	0.382	ug/l	99
68) o-Xylene	12.401	106	6908	0.763	ug/l	90
89) 1,2,4-Trichlorobenzene	15.395	180	1300	0.300	ug/l #	64

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

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