

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073082.D
 Acq On : 24 Jun 2022 14:22
 Operator : JC\MD
 Sample : N3376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220615003-01-VOA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:34:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	41220	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	233586	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.681	117	200907	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	120427	30.307	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.033%			
60) 4-Bromofluorobenzene	12.669	95	110380	28.716	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.733%			
63) Toluene-d8	10.375	98	334325	30.730	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.433%			
Target Compounds						
					Qvalue	
15) Acetone	4.234	58	5773	9.294	ug/l	72
17) Allyl chloride	4.728	41	12055	2.238	ug/l #	32
23) tert-Butyl Alcohol	5.287	59	1532494	1666.614	ug/l #	100
30) 2-Butanone	7.245	43	66633	20.487	ug/l #	71
31) 2,2-Dichloropropane	7.234	77	78476	37.962	ug/l #	53
45) 1,4-Dioxane	9.504	88	3951	46.885	ug/l #	76
47) n-amyl Acetate	12.763	43	1728	0.228	ug/l	95
58) 4-Methyl-2-Pentanone	10.269	43	11676	1.998	ug/l #	80
62) Toluene	10.439	91	13146	0.984	ug/l	97
67) m/p-Xylenes	11.886	106	1688m	0.306	ug/l	
68) o-Xylene	12.210	106	1239	0.222	ug/l	99
70) Isopropylbenzene	12.516	105	3048	0.214	ug/l	89
91) Naphthalene	15.433	128	4361	0.347	ug/l #	87

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

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