

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069444.D
 Acq On : 10 Nov 2021 16:16
 Operator : JC/MD
 Sample : M4478-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/16/2021

Quant Time: Nov 10 18:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	92275	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	534407	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	451262	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	259618	32.441	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.133%			
60) 4-Bromofluorobenzene	12.733	95	177989	24.647	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 82.167%			
63) Toluene-d8	10.443	98	645315	30.971	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.233%			
Target Compounds						
15) Acetone	4.296	58	13619	11.281	ug/l	93
59) 2-Hexanone	11.092	43	11255	1.494	ug/l	92
83) 1,3-Dichlorobenzene	13.627	146	3697m	0.351	ug/l	
84) 1,4-Dichlorobenzene	13.694	146	3876	0.380	ug/l	86
85) n-Butylbenzene	13.946	91	6356	0.354	ug/l	94
87) 1,2-Dichlorobenzene	13.986	146	3242m	0.319	ug/l	
89) 1,2,4-Trichlorobenzene	15.271	180	5129	1.053	ug/l #	81
91) Naphthalene	15.512	128	22093	1.575	ug/l #	86
92) 1,2,3-Trichlorobenzene	15.702	180	5794	1.211	ug/l	93

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

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