

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070038.D
 Acq On : 13 Dec 2021 17:45
 Operator : JC/MD
 Sample : M4929-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6NINF1221

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	151712	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	812135	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	711354	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	414104	30.800	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.667%	
60) 4-Bromofluorobenzene	12.734	95	291404	24.895	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.000%	
63) Toluene-d8	10.443	98	1000118	30.424	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.400%	
Target Compounds						
					Qvalue	
15) Acetone	4.301	58	49509m	22.165	ug/l	
20) Diisopropyl ether	6.501	45	72073	1.933	ug/l #	87
23) tert-Butyl Alcohol	5.382	59	698598	359.014	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	705898	22.968	ug/l	97
30) 2-Butanone	7.348	43	39780	4.135	ug/l #	69
34) Benzene	8.461	78	142886	3.456	ug/l #	63
70) Isopropylbenzene	12.578	105	9209	0.209	ug/l	98
91) Naphthalene	15.509	128	11841	8.438	ug/l #	80

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

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