

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067057.D
 Acq On : 7 May 2021 17:46
 Operator : JC/MD
 Sample : M2313-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210505078-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:15 PM

Quant Time: May 08 03:26:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.109	128	76001	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.517	114	389925	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	340194	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.952	65	205845	30.91	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.03%		
60) 4-Bromofluorobenzene	12.353	95	158455m	28.00	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.33%		
63) Toluene-d8	10.030	98	514109	30.51	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.70%		
Target Compounds						
8) Diethyl Ether	3.355	74	11065	3.52	ug/l	93
15) Acetone	3.752	58	399262	565.80	ug/l	95
16) Carbon Disulfide	3.980	76	24104	1.68	ug/l	100
23) tert-Butyl Alcohol	4.704	59	3674260	3794.16	ug/l #	100
30) 2-Butanone	6.745	43	2401147	734.31	ug/l	97
45) 1,4-Dioxane	9.134	88	4272	57.14	ug/l #	82
58) 4-Methyl-2-Pentanone	9.925	43	29266m	4.60	ug/l	
62) Toluene	10.094	91	49644	2.37	ug/l	100
64) Chlorobenzene	11.376	112	8831	0.72	ug/l	94
66) Ethyl Benzene	11.457	91	118050	5.54	ug/l	100
67) m/p-Xylenes	11.564	106	45661	5.71	ug/l	84
68) o-Xylene	11.894	106	25868	3.28	ug/l	91
70) Isopropylbenzene	12.194	105	11971m	0.58	ug/l	
76) 1,3,5-Trimethylbenzene	12.691	105	11593m	0.64	ug/l	
80) 1,2,4-Trimethylbenzene	12.994	105	23476	1.38	ug/l	94
82) p-Isopropyltoluene	13.238	119	31229	1.94	ug/l	98
91) Naphthalene	15.075	128	169577	14.41	ug/l	98

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

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