

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071521\
 Data File : VN067764.D
 Acq On : 15 Jul 2021 15:07
 Operator : JC/MD
 Sample : M3060-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210714105-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:40:29 AM

Quant Time: Jul 16 03:02:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	77311	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	451347	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	398760	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	198449	31.773	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.900%
60) 4-Bromofluorobenzene	12.733	95	181952	28.096	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.667%
63) Toluene-d8	10.443	98	555421	30.283	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.933%
Target Compounds						
					Qvalue	
6) Chloroethane	3.025	64	4582m	0.801	ug/l	
8) Diethyl Ether	3.819	74	28393	10.715	ug/l	91
23) tert-Butyl Alcohol	5.385	59	222981	268.762	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	10097m	0.652	ug/l	
34) Benzene	8.461	78	34029	1.608	ug/l #	19
45) 1,4-Dioxane	9.574	88	17606	193.135	ug/l #	95
62) Toluene	10.510	91	19177	0.818	ug/l	96
64) Chlorobenzene	11.773	112	125167	8.910	ug/l	100
66) Ethyl Benzene	11.848	91	157090	6.053	ug/l	100
67) m/p-Xylenes	11.956	106	26967	2.724	ug/l	92
68) o-Xylene	12.283	106	22452	2.298	ug/l	99
70) Isopropylbenzene	12.583	105	26723	1.060	ug/l	96
75) 2-Chlorotoluene	13.010	91	9272	0.535	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	28136	1.365	ug/l #	80
82) p-Isopropyltoluene	13.616	119	7725	0.375	ug/l	90
84) 1,4-Dichlorobenzene	13.699	146	72214	6.849	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	5410	0.523	ug/l	74
91) Naphthalene	15.509	128	84828	6.337	ug/l	98

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

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