

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071521\
 Data File : VN067763.D
 Acq On : 15 Jul 2021 14:44
 Operator : JC/MD
 Sample : M3059-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210714107-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:40:27 AM

Quant Time: Jul 16 03:01:52 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	7.656	128	79552	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	437128	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	406848	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	194823	30.313	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.033%			
60) 4-Bromofluorobenzene	12.733	95	190414	28.819	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.067%			
63) Toluene-d8	10.443	98	549168	29.347	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.833%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.816	74	5097m	1.869	ug/l	
15) Acetone	4.291	58	7570	13.185	ug/l	91
23) tert-Butyl Alcohol	5.385	59	4263980	4994.648	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	30773	1.931	ug/l #	64
34) Benzene	8.461	78	39300	1.917	ug/l #	56
45) 1,4-Dioxane	9.571	88	9417m	106.663	ug/l	
58) 4-Methyl-2-Pentanone	10.333	43	62626	8.964	ug/l	97
62) Toluene	10.507	91	62215	2.600	ug/l	99
64) Chlorobenzene	11.771	112	9451	0.659	ug/l	99
66) Ethyl Benzene	11.846	91	26354	0.995	ug/l	95
67) m/p-Xylenes	11.950	106	46061	4.560	ug/l	99
68) o-Xylene	12.280	106	29849	2.994	ug/l	97
70) Isopropylbenzene	12.581	105	18248	0.709	ug/l	95
76) 1,3,5-Trimethylbenzene	13.061	105	14306	0.675	ug/l	97
80) 1,2,4-Trimethylbenzene	13.369	105	55830	2.654	ug/l #	81
82) p-Isopropyltoluene	13.618	119	74357	3.541	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	25542	2.374	ug/l	97
91) Naphthalene	15.507	128	107536	7.874	ug/l	99

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

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