

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067044.D
 Acq On : 7 May 2021 5:58
 Operator : JC/MD
 Sample : M2313-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210505078-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:24:35 PM

Quant Time: May 07 07:34:36 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	7.115	128	67565	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	361621	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	336467	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	198050	33.45	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	111.50%#		
60) 4-Bromofluorobenzene	12.353	95	166497m	29.74	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.13%		
63) Toluene-d8	10.030	98	488668	29.32	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.73%		
Target Compounds						
						Qvalue
8) Diethyl Ether	3.357	74	11027	3.94	ug/l	88
15) Acetone	3.754	58	400254	638.02	ug/l	92
16) Carbon Disulfide	3.985	76	21455	1.69	ug/l	96
17) Allyl chloride	4.191	41	38740	5.16	ug/l #	49
23) tert-Butyl Alcohol	4.706	59	3441160	3997.13	ug/l #	100
24) Methyl tert-Butyl Ether	4.964	73	19651	1.54	ug/l #	66
30) 2-Butanone	6.747	43	2591322	854.50	ug/l	97
34) Benzene	7.970	78	43075	2.10	ug/l #	17
58) 4-Methyl-2-Pentanone	9.928	43	30064m	4.77	ug/l	
62) Toluene	10.097	91	47176	2.27	ug/l	100
64) Chlorobenzene	11.379	112	8202	0.68	ug/l	97
66) Ethyl Benzene	11.457	91	116652	5.54	ug/l	98
67) m/p-Xylenes	11.564	106	48161	6.09	ug/l	81
68) o-Xylene	11.894	106	23257	2.98	ug/l	96
70) Isopropylbenzene	12.200	105	10048	0.50	ug/l #	74
76) 1,3,5-Trimethylbenzene	12.685	105	7687	0.43	ug/l	77
80) 1,2,4-Trimethylbenzene	12.994	105	24479	1.46	ug/l	97
82) p-Isopropyltoluene	13.238	119	29537	1.85	ug/l	84
91) Naphthalene	15.075	128	161748	13.89	ug/l	99

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

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