

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056691.D
 Acq On : 12 Jul 2019 16:17
 Operator : JC/SP
 Sample : K3780-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390711763.1-VOA

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 9:56:15 AM

Quant Time: Jul 16 09:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49829	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	270134	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	224826	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	105394	31.23	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	104.10%		
60) 4-Bromofluorobenzene	12.40	95	91527	26.60	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	88.67%		
63) Toluene-d8	10.09	98	319994	31.15	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	103.83%		
Target Compounds						
8) Diethyl Ether	3.41	74	4829	2.472	ug/l	99
23) tert-Butyl Alcohol	4.79	59	1031674	1706.596	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	13951m	1.488	ug/l	
45) 1,4-Dioxane	9.20	88	2436	34.363	ug/l #	93
67) m/p-Xylenes	11.62	106	6460	1.199	ug/l	90
68) o-Xylene	11.95	106	9315	1.773	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	4343	0.370	ug/l	95
80) 1,2,4-Trimethylbenzene	13.04	105	4484	0.385	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	11172	1.943	ug/l	92

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

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