

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078858.D
 Acq On : 11 Aug 2023 11:56
 Operator : JC\MD
 Sample : 03960-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230809051-02-VOA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 12 01:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29088	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	155277	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	125026	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	70222	29.986	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.967%		
60) 4-Bromofluorobenzene	12.853	95	40593	23.130	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	77.100%		
63) Toluene-d8	10.571	98	187030	30.527	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.767%		
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	64875	271.392	ug/l	86
16) Carbon Disulfide	4.718	76	5994	1.278	ug/l #	74
23) tert-Butyl Alcohol	5.530	59	482806	1400.463	ug/l #	100
30) 2-Butanone	7.494	43	237493	192.074	ug/l #	91
34) Benzene	8.618	78	5190m	0.676	ug/l	
58) 4-Methyl-2-Pentanone	10.459	43	7783m	3.239	ug/l	
62) Toluene	10.635	91	9597	1.304	ug/l	98
66) Ethyl Benzene	11.971	91	8101m	1.060	ug/l	
67) m/p-Xylenes	12.071	106	2961	1.056	ug/l	74
68) o-Xylene	12.400	106	2196m	0.787	ug/l	

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

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