

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075062.D
 Acq On : 28 Oct 2022 15:48
 Operator : JC\MD
 Sample : N5315-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 221026039-02-VOA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 01:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	12633	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	69640	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	62022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	37724	32.659	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 108.867%		
60) 4-Bromofluorobenzene	12.847	95	33589	27.563	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 91.867%		
63) Toluene-d8	10.565	98	104493	30.123	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.400%		
Target Compounds						Qvalue
8) Diethyl Ether	3.971	74	6401	11.826	ug/l	89
15) Acetone	4.465	58	1109m	7.836	ug/l	
23) tert-Butyl Alcohol	5.547	59	29730	126.788	ug/l #	100
45) 1,4-Dioxane	9.706	88	3120	116.123	ug/l #	37
64) Chlorobenzene	11.894	112	13865	5.572	ug/l	95
67) m/p-Xylenes	12.070	106	1655	0.912	ug/l	88
68) o-Xylene	12.406	106	1364	0.748	ug/l	99
75) 2-Chlorotoluene	13.123	91	1484	0.458	ug/l	94
84) 1,4-Dichlorobenzene	13.812	146	12257	6.072	ug/l	99

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

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