

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080019.D
 Acq On : 09 Nov 2023 02:41
 Operator : JC\MD
 Sample : 05249-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(NOV)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 04:34:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	68270	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	323761	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	319067	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	172307	30.067	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.233%			
60) 4-Bromofluorobenzene	12.853	95	128957	25.274	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.233%			
63) Toluene-d8	10.571	98	419576	27.753	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 92.500%			
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	351567	481.034	ug/l	80
23) tert-Butyl Alcohol	5.524	59	9514m	16.285	ug/l	
25) Chloroform	7.977	83	4880	0.552	ug/l	85
30) 2-Butanone	7.488	43	59649	22.478	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	9180	1.722	ug/l	96
62) Toluene	10.635	91	451794	24.482	ug/l	98
69) Styrene	12.412	104	8697	0.759	ug/l #	87
82) p-Isopropyltoluene	13.735	119	8273	0.645	ug/l	94

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

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