

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081909.D
 Acq On : 29 Apr 2024 13:08
 Operator : JC\MD
 Sample : P2286-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418096-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	44832	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	261771	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	217524	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	108862	29.002	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.667%		
60) 4-Bromofluorobenzene	12.853	95	103685	28.642	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.467%		
63) Toluene-d8	10.571	98	316493	30.637	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.133%		
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	42030	119.951	ug/l	84
18) Methylene Chloride	5.295	84	8995m	2.889	ug/l	
21) 1,1-Dichloroethane	6.583	63	11627	2.066	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	5543	1.597	ug/l #	53
25) Chloroform	7.971	83	9010	1.664	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	6430m	1.435	ug/l	
37) Trichloroethene	9.365	130	1357m	0.446	ug/l	
58) 4-Methyl-2-Pentanone	10.447	43	7737	1.832	ug/l #	81
62) Toluene	10.629	91	10555	0.862	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	4491	0.442	ug/l	91
82) p-Isopropyltoluene	13.729	119	12734	1.319	ug/l	88

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

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