

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079583.D
 Acq On : 17 Oct 2023 15:57
 Operator : JC\MD
 Sample : 04909-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LCOL-12

Quant Time: Oct 18 02:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	23108	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163253	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	191389	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	95672	29.120	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.067%		
60) 4-Bromofluorobenzene	12.853	95	85766	24.505	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	81.667%		
63) Toluene-d8	10.571	98	248298	30.276	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.933%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	4121m	1.230	ug/l	
6) Chloroethane	3.124	64	5852	1.774	ug/l	94
15) Acetone	4.430	58	173941	305.472	ug/l	84
16) Carbon Disulfide	4.712	76	29154	3.071	ug/l	99
18) Methylene Chloride	5.277	84	11781	3.074	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	18566m	4.628	ug/l	
23) tert-Butyl Alcohol	5.524	59	201337	334.963	ug/l #	100
30) 2-Butanone	7.488	43	241663	101.054	ug/l	100
34) Benzene	8.612	78	24904	1.718	ug/l #	78
36) 1,2-Dichloroethane	8.677	62	49535	9.571	ug/l	99
37) Trichloroethene	9.359	130	7548	2.228	ug/l	94
58) 4-Methyl-2-Pentanone	10.453	43	74870	16.772	ug/l	98
62) Toluene	10.635	91	66603	4.553	ug/l	99
67) m/p-Xylenes	12.076	106	10364	1.859	ug/l	90
68) o-Xylene	12.400	106	9396	1.763	ug/l	99

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

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