Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079104.D
Acq On : 29 Aug 2023 19:20
Operator : JC\MD
Sample : 04225-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230828042-01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

Quant Time: Aug 30 01:15:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.824	128	34074	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	181369	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	149972	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	83522	30.256	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.867%			
60) 4-Bromofluorobenzene	12.853	95	47210	21.580	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 71.933%			
63) Toluene-d8	10.571	98	208836	29.819	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.400%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.494	96	6104m	2.626	ug/l	
25) Chloroform	7.971	83	44069	10.956	ug/l	98
36) 1,2-Dichloroethane	8.677	62	2939	0.949	ug/l #	86
37) Trichloroethene	9.359	130	4311	2.095	ug/l #	73
41) Bromodichloromethane	9.894	83	5130	1.709	ug/l	88
61) Tetrachloroethene	11.106	164	21830	15.033	ug/l #	82
62) Toluene	10.635	91	1815	0.222	ug/l #	75

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

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